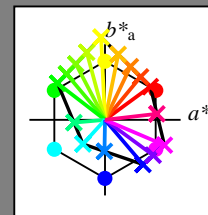


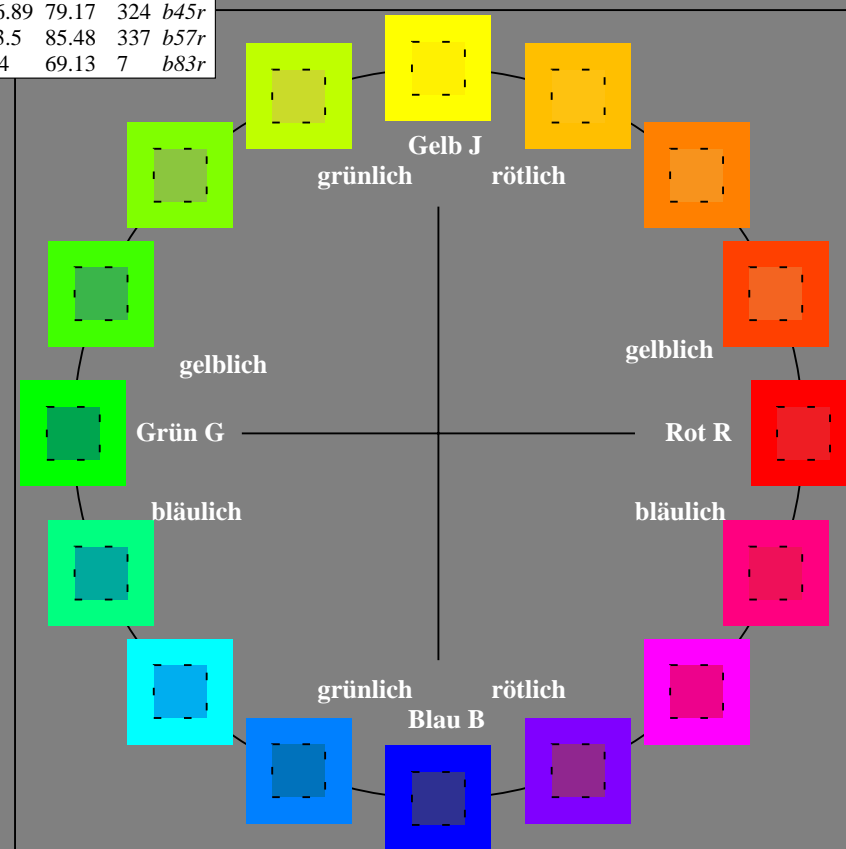
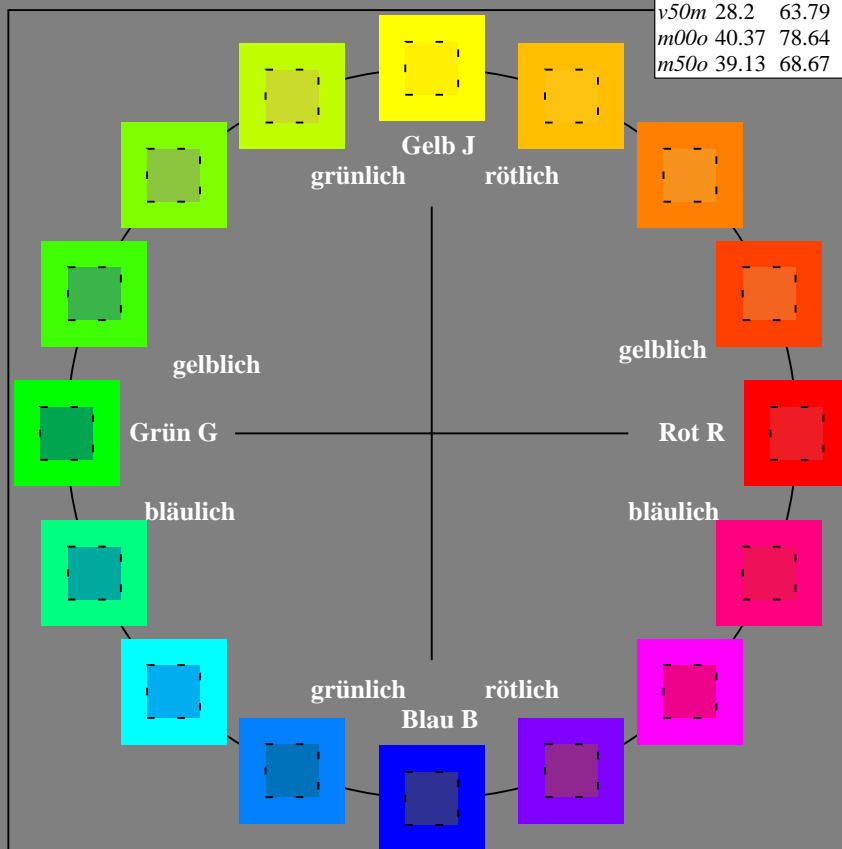
Ein und Ausgabe:  
Farbmetrisches Drucker-Reflektiv-System FRS12\_95a  
Daten für jede Farbe:  
 $u^*_d$  und Nummer  $Nr.$  = 00 .. 15  
Geräte-Bunttontext:  
 $u^*_d = 16$  Bunttoene *o00y*, *o25y*, ..., *m50o*  
Kontrastreduzierungsfaktor:  
 $c_R = 1.0$

FRS12_95a; adaptierte CIELAB-Daten						
$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
<i>o00y</i>	38.06	60.0	44.0	74.4	36	<i>r16j</i>
<i>o25y</i>	47.68	47.13	56.9	73.88	50	<i>r37j</i>
<i>o50y</i>	57.77	33.62	70.44	78.05	64	<i>r58j</i>
<i>o75y</i>	69.84	17.48	86.62	88.37	79	<i>r79j</i>
<i>y00l</i>	86.77	-5.17	109.32	109.44	93	<i>j01g</i>
<i>y25l</i>	73.71	-24.12	89.19	92.39	105	<i>j18g</i>
<i>y50l</i>	63.76	-38.55	73.86	83.32	118	<i>j36g</i>
<i>y75l</i>	55.23	-50.92	60.72	79.25	130	<i>j53g</i>
<i>l00c</i>	47.13	-62.67	48.24	79.09	142	<i>j71g</i>
<i>l50c</i>	52.64	-41.0	-3.61	41.16	185	<i>g21b</i>
<i>c00v</i>	55.66	-29.14	-31.99	43.27	228	<i>g60b</i>
<i>c50v</i>	41.87	-0.69	-41.67	41.68	269	<i>g97b</i>
<i>v00m</i>	17.15	50.3	-59.04	77.57	310	<i>b34r</i>
<i>v50m</i>	28.2	63.79	-46.89	79.17	324	<i>b45r</i>
<i>m00o</i>	40.37	78.64	-33.5	85.48	337	<i>b57r</i>
<i>m50o</i>	39.13	68.67	7.94	69.13	7	<i>b83r</i>



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

FRS12_95a; adaptierte CIELAB-Daten					
Name	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	38.06	60.0	44.0	74.4	36
Y <sub>Ma</sub>	86.77	-5.17	109.32	109.44	93
L <sub>Ma</sub>	47.13	-62.67	48.24	79.09	142
C <sub>Ma</sub>	55.66	-29.14	-31.99	43.27	228
V <sub>Ma</sub>	17.15	50.3	-59.04	77.57	310
M <sub>Ma</sub>	40.37	78.64	-33.5	85.48	337
N <sub>Ma</sub>	11.58	0.0	0.0	0.0	0
W <sub>Ma</sub>	95.02	0.0	0.0	0.0	0
O <sub>CIE</sub>	39.92	58.74	27.99	65.07	92
Y <sub>CIE</sub>	81.26	-2.89	71.56	71.62	25
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 FRS12\_95a, L\*=12\_95 für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.101$   $u^*_d = o00y$

Daten für jede Farbe:

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

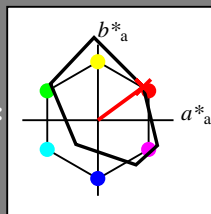
Bunttontexte:

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

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $i^*$



FRS12\_95a; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	38.06	60.0	44.0	74.4	36
Y <sub>Ma</sub>	86.77	-5.17	109.32	109.44	93
L <sub>Ma</sub>	47.13	-62.67	48.24	79.09	142
C <sub>Ma</sub>	55.66	-29.14	-31.99	43.27	228
V <sub>Ma</sub>	17.15	50.3	-59.04	77.57	310
M <sub>Ma</sub>	40.37	78.64	-33.5	85.48	337
N <sub>Ma</sub>	11.58	0.0	0.0	0.0	0
W <sub>Ma</sub>	95.02	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):

$LAB^*LAB^*_{Ma}$ : 38 60 44

$LAB^*LCH^*_{Ma}$ : 38 74 36

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

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

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 109$

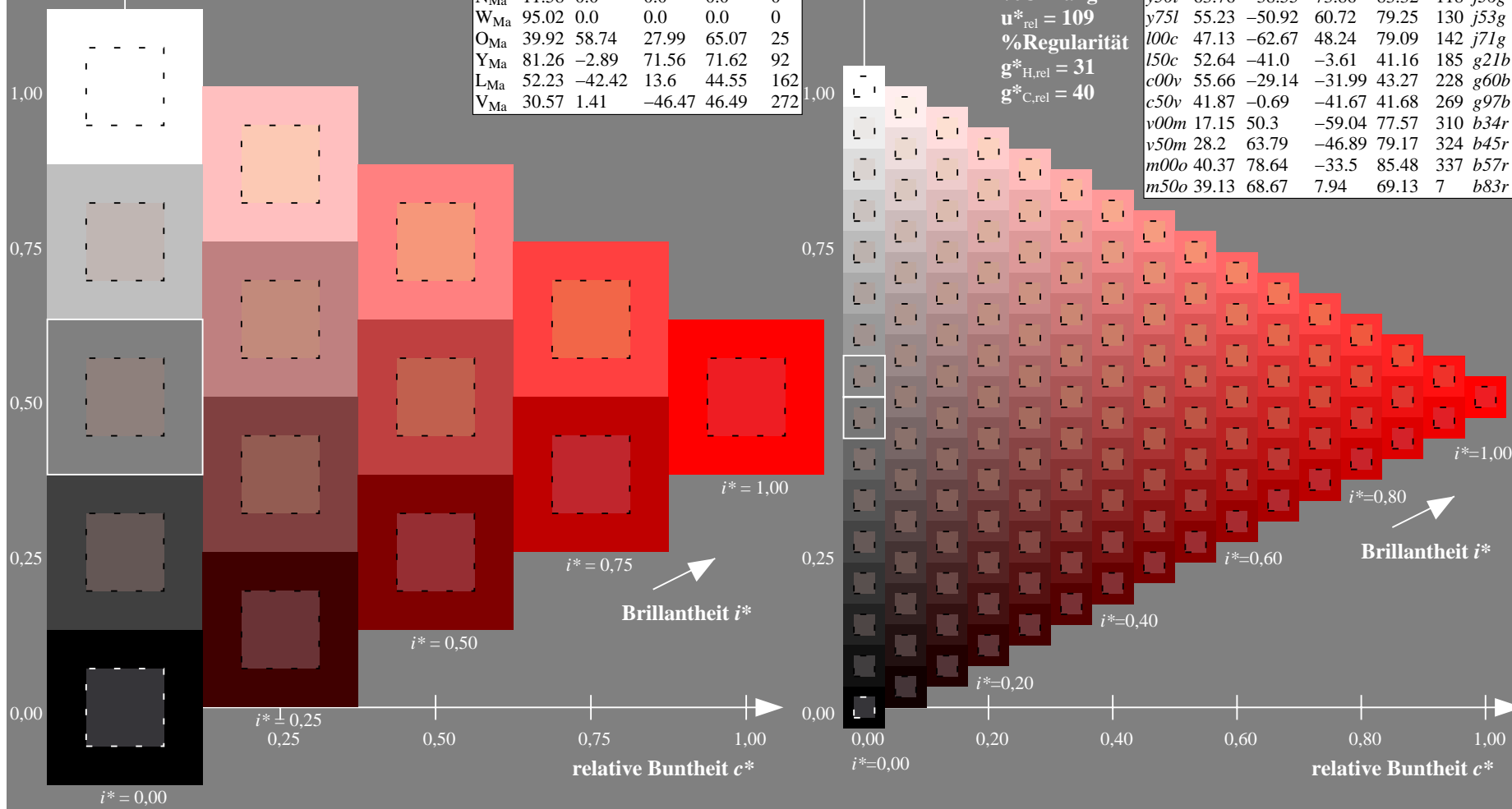
%Regularität

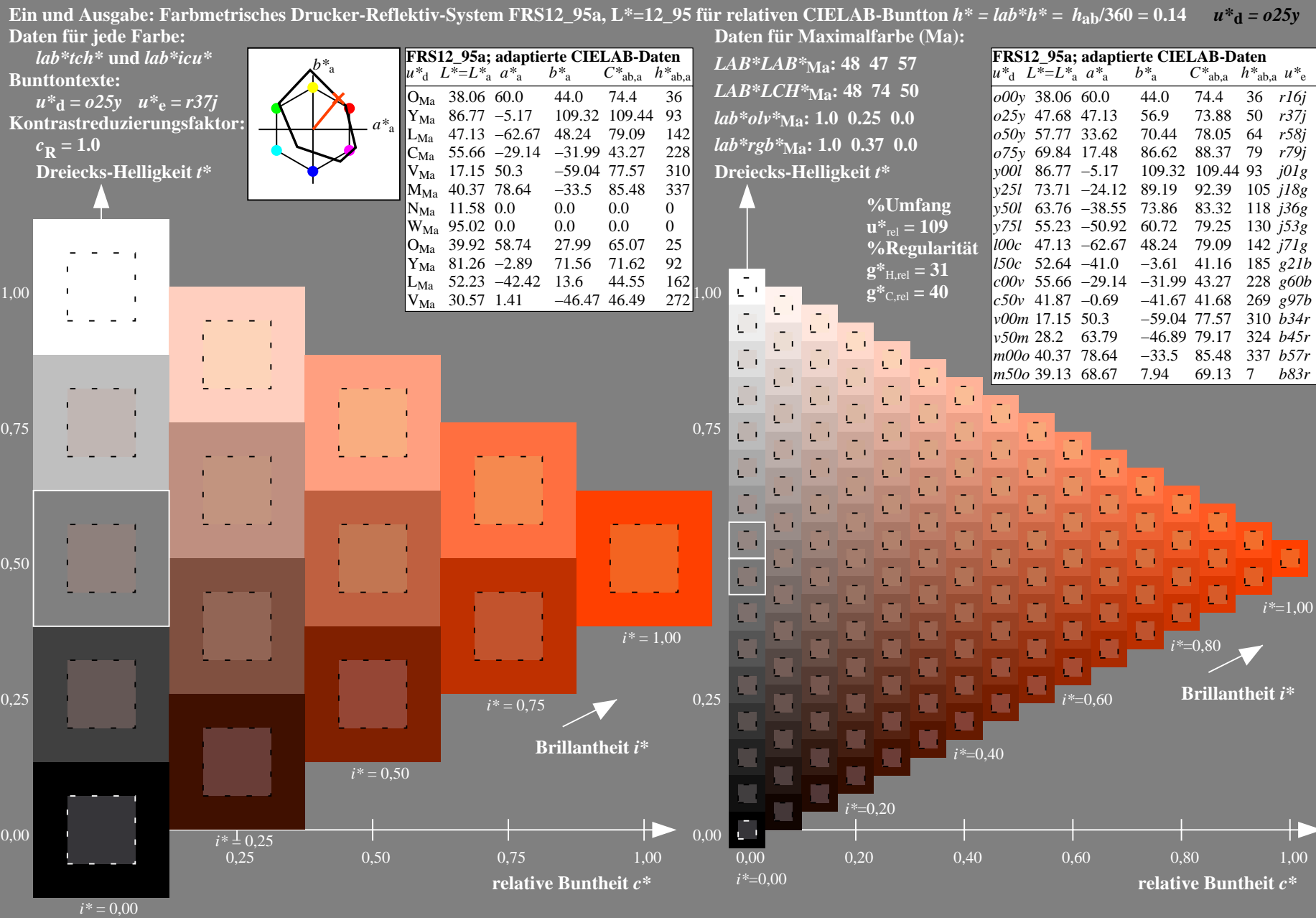
$g^*_{H,rel} = 31$

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

FRS12\_95a; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
<i>o00y</i>	38.06	60.0	44.0	74.4	36	<i>r16j</i>
<i>o25y</i>	47.68	47.13	56.9	73.88	50	<i>r37j</i>
<i>o50y</i>	57.77	33.62	70.44	78.05	64	<i>r58j</i>
<i>o75y</i>	69.84	17.48	86.62	88.37	79	<i>r79j</i>
<i>y00l</i>	86.77	-5.17	109.32	109.44	93	<i>j01g</i>
<i>y25l</i>	73.71	-24.12	89.19	92.39	105	<i>j18g</i>
<i>y50l</i>	63.76	-38.55	73.86	83.32	118	<i>j36g</i>
<i>y75l</i>	55.23	-50.92	60.72	79.25	130	<i>j53g</i>
<i>l00c</i>	47.13	-62.67	48.24	79.09	142	<i>j71g</i>
<i>l50c</i>	52.64	-41.0	-3.61	41.16	185	<i>g21b</i>
<i>c00v</i>	55.66	-29.14	-31.99	43.27	228	<i>g60b</i>
<i>c50v</i>	41.87	-0.69	-41.67	41.68	269	<i>g97b</i>
<i>v00m</i>	17.15	50.3	-59.04	77.57	310	<i>b34r</i>
<i>v50m</i>	28.2	63.79	-46.89	79.17	324	<i>b45r</i>
<i>m00o</i>	40.37	78.64	-33.5	85.48	337	<i>b57r</i>
<i>m50o</i>	39.13	68.67	7.94	69.13	7	<i>b83r</i>





Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS12\_95a, L\*=12\_95 für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.179$   $u^*_d = o50y$

Daten für jede Farbe:

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

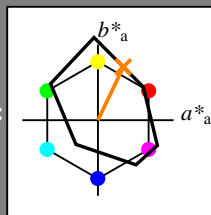
Bunttontexte:

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

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $i^*$



FRS12\_95a; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	38.06	60.0	44.0	74.4	36
Y <sub>Ma</sub>	86.77	-5.17	109.32	109.44	93
L <sub>Ma</sub>	47.13	-62.67	48.24	79.09	142
C <sub>Ma</sub>	55.66	-29.14	-31.99	43.27	228
V <sub>Ma</sub>	17.15	50.3	-59.04	77.57	310
M <sub>Ma</sub>	40.37	78.64	-33.5	85.48	337
N <sub>Ma</sub>	11.58	0.0	0.0	0.0	0
W <sub>Ma</sub>	95.02	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):

$LAB^*LAB^*Ma$ : 58 34 70

$LAB^*LCH^*Ma$ : 58 78 64

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

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

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 109$

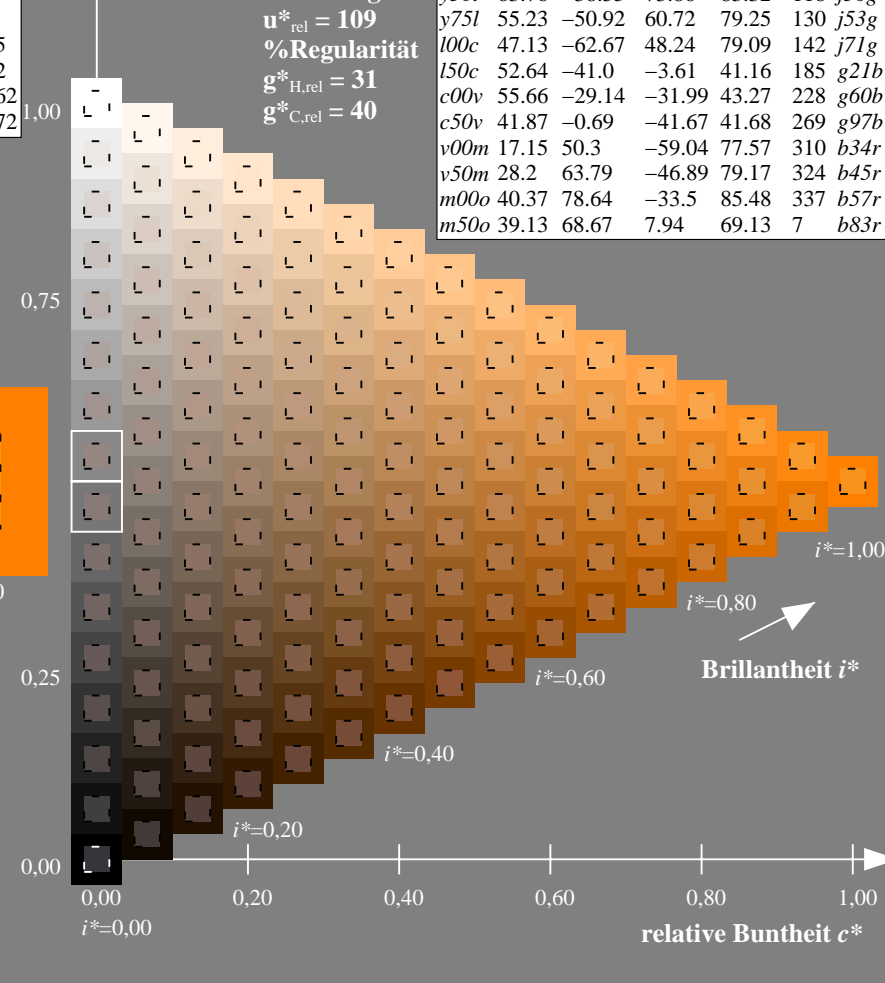
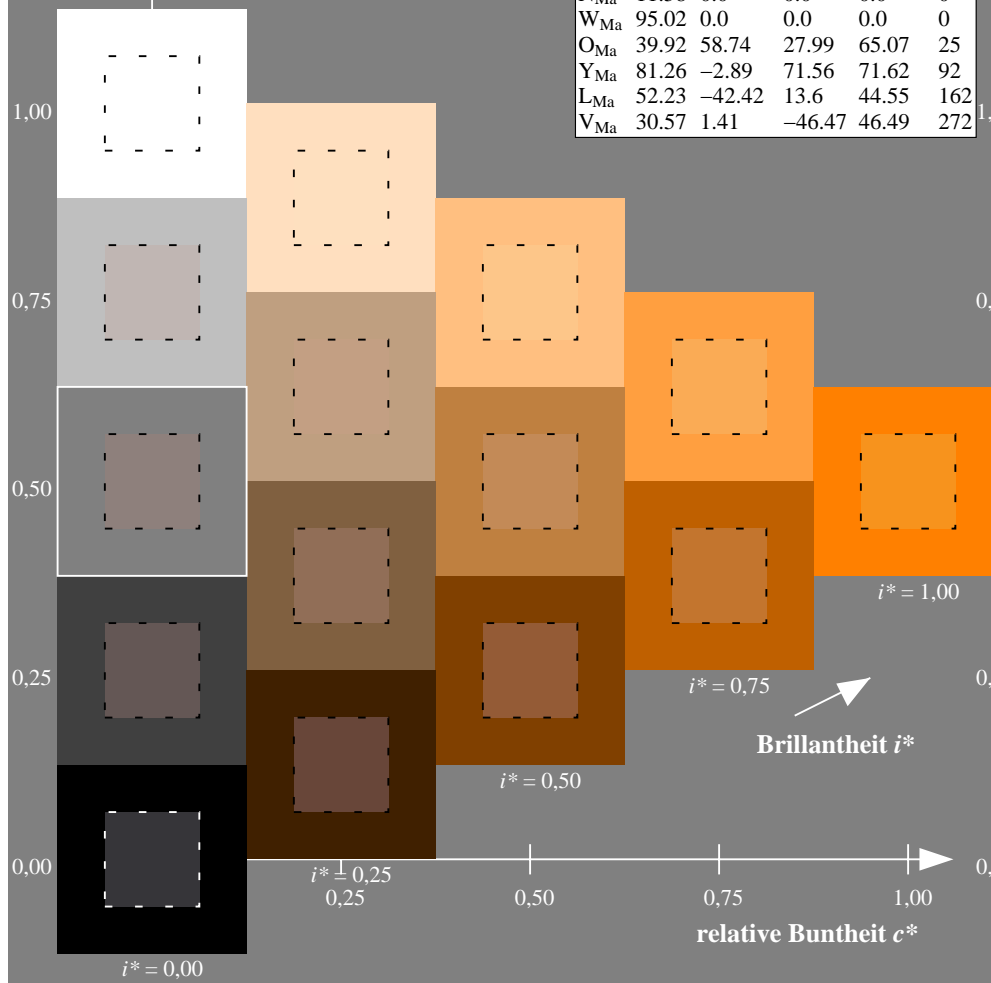
%Regularität

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

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

FRS12\_95a; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
<i>o00y</i>	38.06	60.0	44.0	74.4	36	<i>r16j</i>
<i>o25y</i>	47.68	47.13	56.9	73.88	50	<i>r37j</i>
<i>o50y</i>	57.77	33.62	70.44	78.05	64	<i>r58j</i>
<i>o75y</i>	69.84	17.48	86.62	88.37	79	<i>r79j</i>
<i>y00l</i>	86.77	-5.17	109.32	109.44	93	<i>j01g</i>
<i>y25l</i>	73.71	-24.12	89.19	92.39	105	<i>j18g</i>
<i>y50l</i>	63.76	-38.55	73.86	83.32	118	<i>j36g</i>
<i>y75l</i>	55.23	-50.92	60.72	79.25	130	<i>j53g</i>
<i>l00c</i>	47.13	-62.67	48.24	79.09	142	<i>j71g</i>
<i>l50c</i>	52.64	-41.0	-3.61	41.16	185	<i>g21b</i>
<i>c00v</i>	55.66	-29.14	-31.99	43.27	228	<i>g60b</i>
<i>c50v</i>	41.87	-0.69	-41.67	41.68	269	<i>g97b</i>
<i>v00m</i>	17.15	50.3	-59.04	77.57	310	<i>b34r</i>
<i>v50m</i>	28.2	63.79	-46.89	79.17	324	<i>b45r</i>
<i>m00o</i>	40.37	78.64	-33.5	85.48	337	<i>b57r</i>
<i>m50o</i>	39.13	68.67	7.94	69.13	7	<i>b83r</i>





Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS12\_95a, L\*=12\_95 für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.218$   $u^*_d = o75y$

Daten für jede Farbe:

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

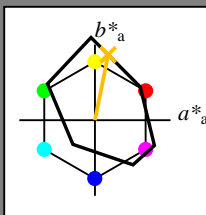
Bunttontexte:

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

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $i^*$



FRS12\_95a; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	38.06	60.0	44.0	74.4	36
Y <sub>Ma</sub>	86.77	-5.17	109.32	109.44	93
L <sub>Ma</sub>	47.13	-62.67	48.24	79.09	142
C <sub>Ma</sub>	55.66	-29.14	-31.99	43.27	228
V <sub>Ma</sub>	17.15	50.3	-59.04	77.57	310
M <sub>Ma</sub>	40.37	78.64	-33.5	85.48	337
N <sub>Ma</sub>	11.58	0.0	0.0	0.0	0
W <sub>Ma</sub>	95.02	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):

$LAB^*LAB^*_{Ma}$ : 70 17 87

$LAB^*LCH^*_{Ma}$ : 70 88 78

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

$lab^*rgb^*_{Ma}$ : 1.0 0.79 0.0

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 109$

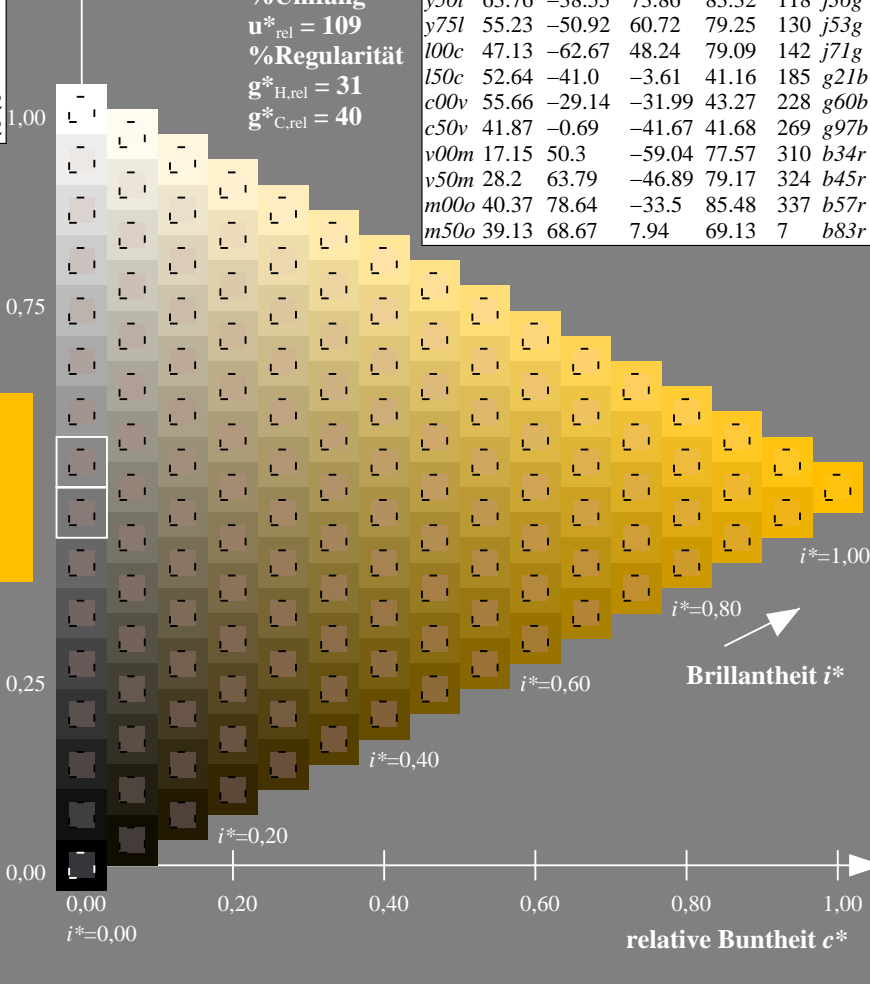
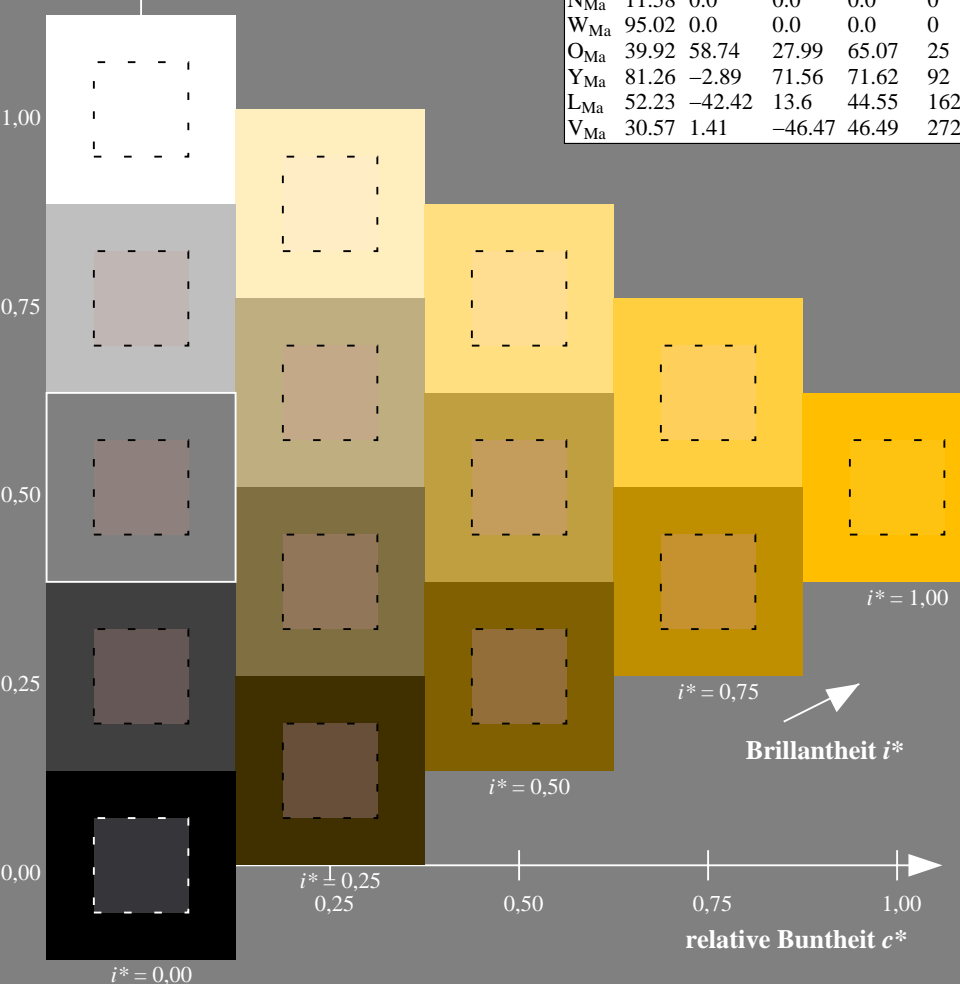
%Regularität

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

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

FRS12\_95a; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
<i>o00y</i>	38.06	60.0	44.0	74.4	36	<i>r16j</i>
<i>o25y</i>	47.68	47.13	56.9	73.88	50	<i>r37j</i>
<i>o50y</i>	57.77	33.62	70.44	78.05	64	<i>r58j</i>
<i>o75y</i>	69.84	17.48	86.62	88.37	79	<i>r79j</i>
<i>y00l</i>	86.77	-5.17	109.32	109.44	93	<i>j01g</i>
<i>y25l</i>	73.71	-24.12	89.19	92.39	105	<i>j18g</i>
<i>y50l</i>	63.76	-38.55	73.86	83.32	118	<i>j36g</i>
<i>y75l</i>	55.23	-50.92	60.72	79.25	130	<i>j53g</i>
<i>l00c</i>	47.13	-62.67	48.24	79.09	142	<i>j71g</i>
<i>l50c</i>	52.64	-41.0	-3.61	41.16	185	<i>g21b</i>
<i>c00v</i>	55.66	-29.14	-31.99	43.27	228	<i>g60b</i>
<i>c50v</i>	41.87	-0.69	-41.67	41.68	269	<i>g97b</i>
<i>v00m</i>	17.15	50.3	-59.04	77.57	310	<i>b34r</i>
<i>v50m</i>	28.2	63.79	-46.89	79.17	324	<i>b45r</i>
<i>m00o</i>	40.37	78.64	-33.5	85.48	337	<i>b57r</i>
<i>m50o</i>	39.13	68.67	7.94	69.13	7	<i>b83r</i>



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS12\_95a, L\*=12\_95 für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.258$   $u^*_d = y00l$

Daten für jede Farbe:

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

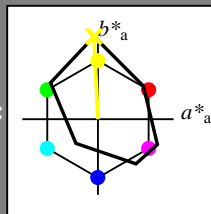
Bunttontexte:

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

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $i^*$



FRS12\_95a; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	38.06	60.0	44.0	74.4	36
Y <sub>Ma</sub>	86.77	-5.17	109.32	109.44	93
L <sub>Ma</sub>	47.13	-62.67	48.24	79.09	142
C <sub>Ma</sub>	55.66	-29.14	-31.99	43.27	228
V <sub>Ma</sub>	17.15	50.3	-59.04	77.57	310
M <sub>Ma</sub>	40.37	78.64	-33.5	85.48	337
N <sub>Ma</sub>	11.58	0.0	0.0	0.0	0
W <sub>Ma</sub>	95.02	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):

$LAB^*LAB^*_{Ma}$ : 87 -5 109

$LAB^*LCH^*_{Ma}$ : 87 109 92

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

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

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 109$

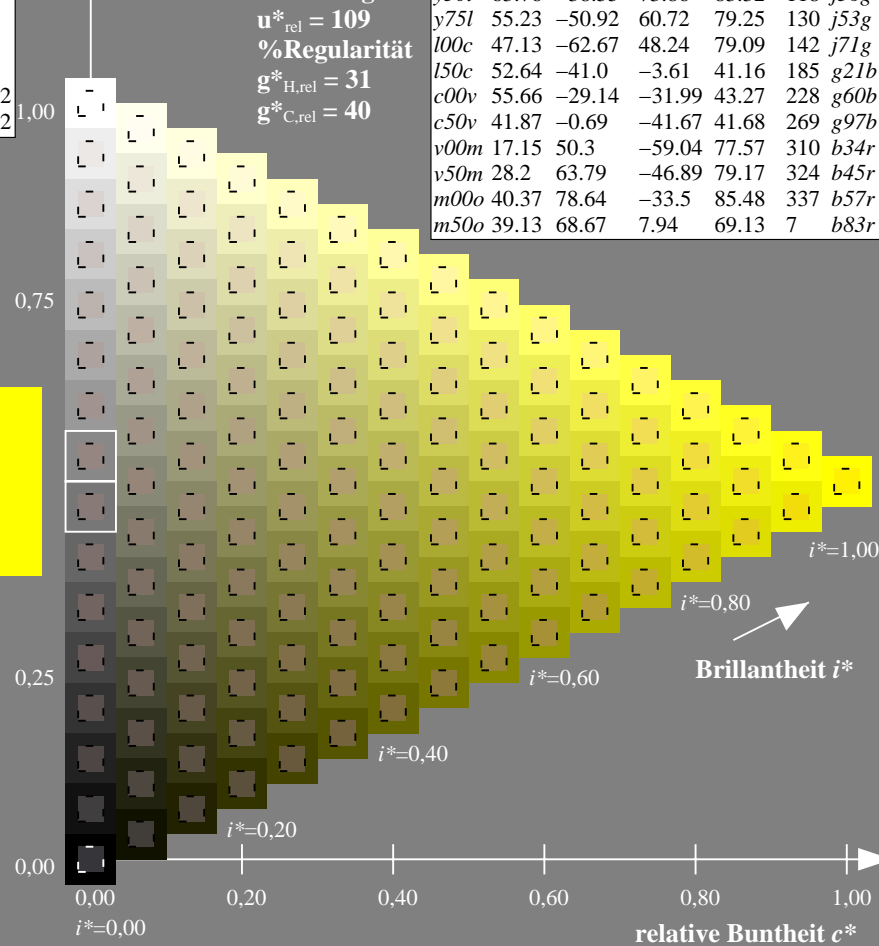
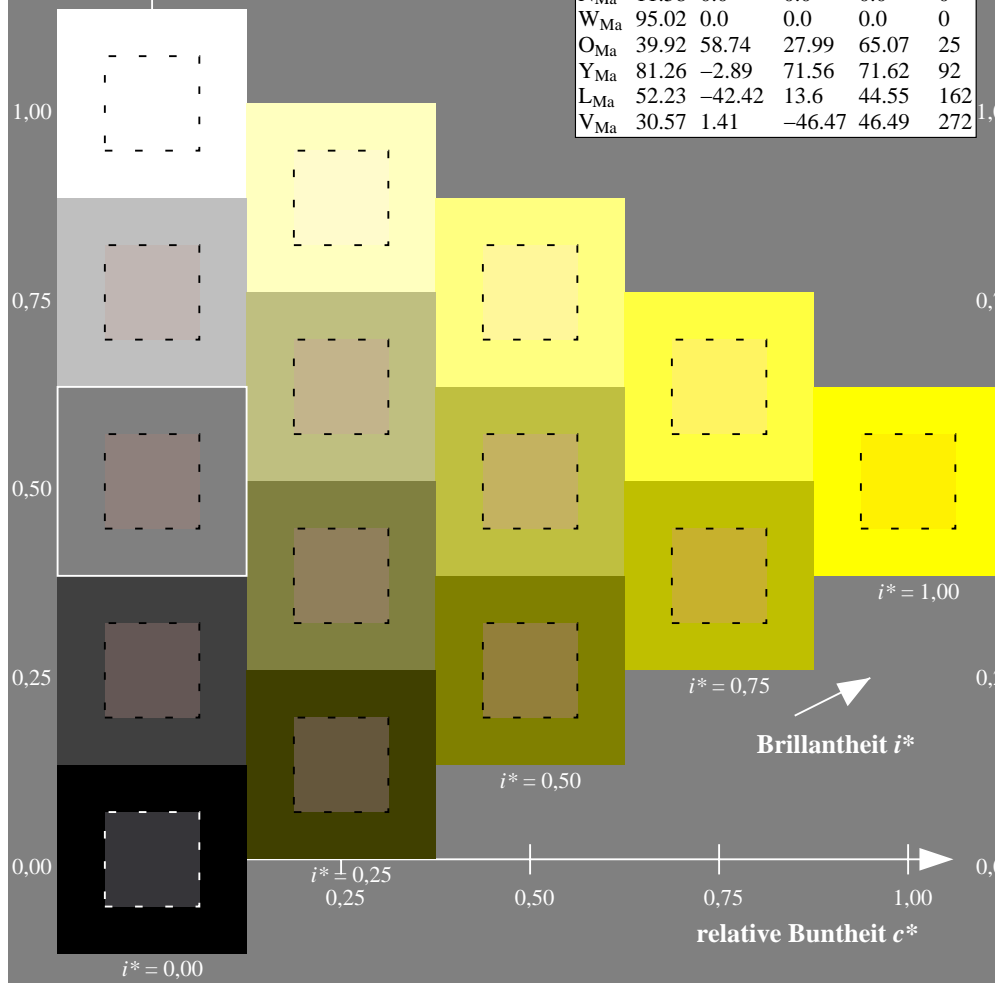
%Regularität

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

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

FRS12\_95a; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
<i>o00y</i>	38.06	60.0	44.0	74.4	36	<i>r16j</i>
<i>o25y</i>	47.68	47.13	56.9	73.88	50	<i>r37j</i>
<i>o50y</i>	57.77	33.62	70.44	78.05	64	<i>r58j</i>
<i>o75y</i>	69.84	17.48	86.62	88.37	79	<i>r79j</i>
<i>y00l</i>	86.77	-5.17	109.32	109.44	93	<i>j0l g</i>
<i>y25l</i>	73.71	-24.12	89.19	92.39	105	<i>j18g</i>
<i>y50l</i>	63.76	-38.55	73.86	83.32	118	<i>j36g</i>
<i>y75l</i>	55.23	-50.92	60.72	79.25	130	<i>j53g</i>
<i>l00c</i>	47.13	-62.67	48.24	79.09	142	<i>j71g</i>
<i>l50c</i>	52.64	-41.0	-3.61	41.16	185	<i>g21b</i>
<i>c00v</i>	55.66	-29.14	-31.99	43.27	228	<i>g60b</i>
<i>c50v</i>	41.87	-0.69	-41.67	41.68	269	<i>g97b</i>
<i>v00m</i>	17.15	50.3	-59.04	77.57	310	<i>b34r</i>
<i>v50m</i>	28.2	63.79	-46.89	79.17	324	<i>b45r</i>
<i>m00o</i>	40.37	78.64	-33.5	85.48	337	<i>b57r</i>
<i>m50o</i>	39.13	68.67	7.94	69.13	7	<i>b83r</i>



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS12\_95a, L\*=12\_95 für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.292$   $u^*_d = y25l$

Daten für jede Farbe:

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

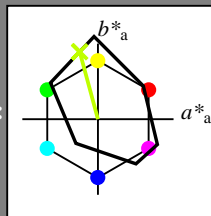
Bunttontexte:

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

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $i^*$



FRS12\_95a; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	38.06	60.0	44.0	74.4	36
Y <sub>Ma</sub>	86.77	-5.17	109.32	109.44	93
L <sub>Ma</sub>	47.13	-62.67	48.24	79.09	142
C <sub>Ma</sub>	55.66	-29.14	-31.99	43.27	228
V <sub>Ma</sub>	17.15	50.3	-59.04	77.57	310
M <sub>Ma</sub>	40.37	78.64	-33.5	85.48	337
N <sub>Ma</sub>	11.58	0.0	0.0	0.0	0
W <sub>Ma</sub>	95.02	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):

$LAB^*LAB^*_{Ma}$ : 74 -24 89

$LAB^*LCH^*_{Ma}$ : 74 92 105

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

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

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 109$

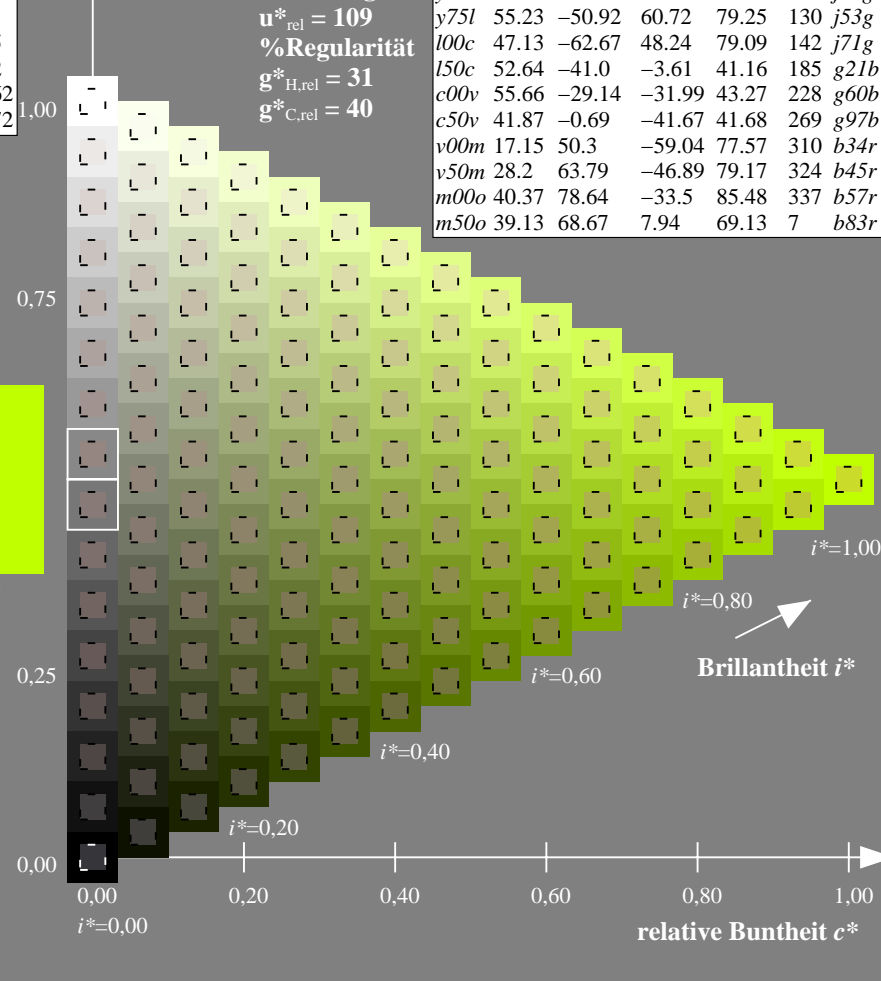
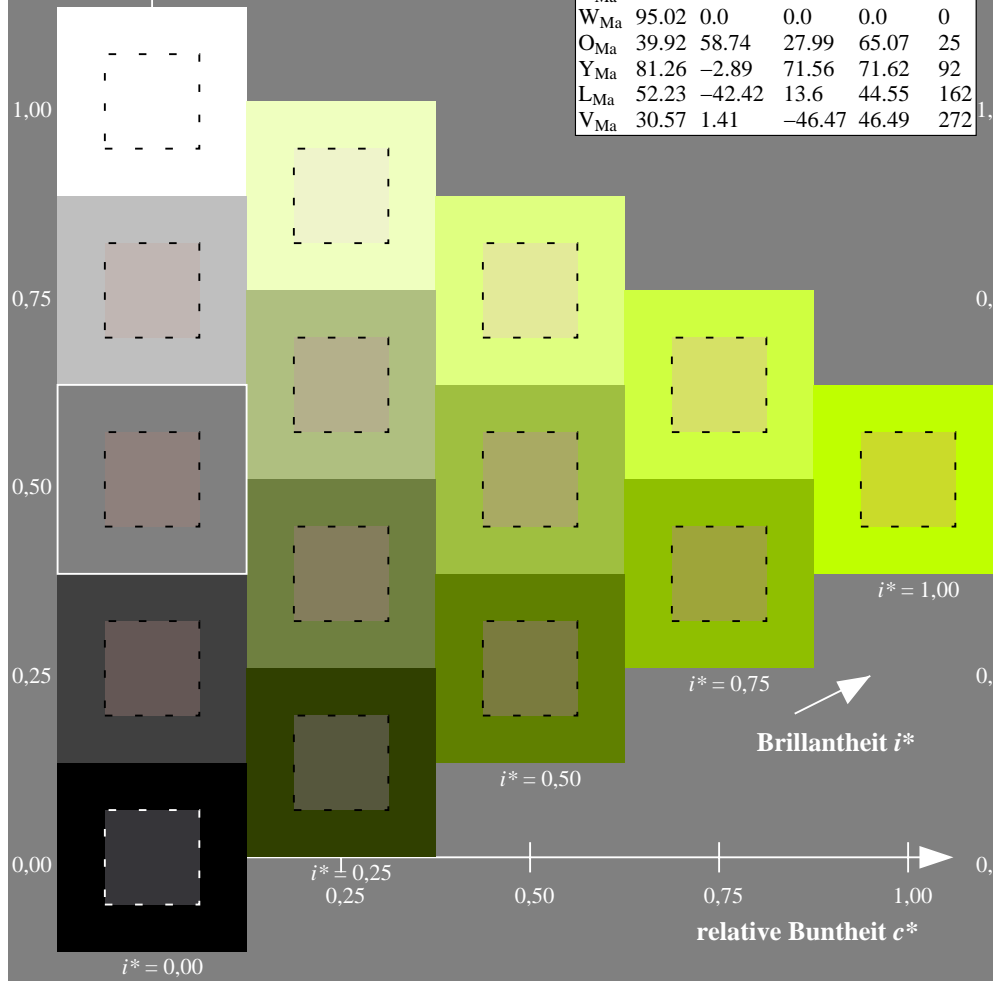
%Regularität

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

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

FRS12\_95a; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
<i>o00y</i>	38.06	60.0	44.0	74.4	36	<i>r16j</i>
<i>o25y</i>	47.68	47.13	56.9	73.88	50	<i>r37j</i>
<i>o50y</i>	57.77	33.62	70.44	78.05	64	<i>r58j</i>
<i>o75y</i>	69.84	17.48	86.62	88.37	79	<i>r79j</i>
<i>y00l</i>	86.77	-5.17	109.32	109.44	93	<i>j01g</i>
<i>y25l</i>	73.71	-24.12	89.19	92.39	105	<i>j18g</i>
<i>y50l</i>	63.76	-38.55	73.86	83.32	118	<i>j36g</i>
<i>y75l</i>	55.23	-50.92	60.72	79.25	130	<i>j53g</i>
<i>l00c</i>	47.13	-62.67	48.24	79.09	142	<i>j71g</i>
<i>l50c</i>	52.64	-41.0	-3.61	41.16	185	<i>g21b</i>
<i>c00v</i>	55.66	-29.14	-31.99	43.27	228	<i>g60b</i>
<i>c50v</i>	41.87	-0.69	-41.67	41.68	269	<i>g97b</i>
<i>v00m</i>	17.15	50.3	-59.04	77.57	310	<i>b34r</i>
<i>v50m</i>	28.2	63.79	-46.89	79.17	324	<i>b45r</i>
<i>m00o</i>	40.37	78.64	-33.5	85.48	337	<i>b57r</i>
<i>m50o</i>	39.13	68.67	7.94	69.13	7	<i>b83r</i>



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS12\_95a, L\*=12\_95 für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.327$   $u^*_d = y50l$

Daten für jede Farbe:

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

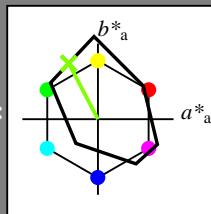
Bunttontexte:

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

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $i^*$



FRS12\_95a; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	38.06	60.0	44.0	74.4	36
Y <sub>Ma</sub>	86.77	-5.17	109.32	109.44	93
L <sub>Ma</sub>	47.13	-62.67	48.24	79.09	142
C <sub>Ma</sub>	55.66	-29.14	-31.99	43.27	228
V <sub>Ma</sub>	17.15	50.3	-59.04	77.57	310
M <sub>Ma</sub>	40.37	78.64	-33.5	85.48	337
N <sub>Ma</sub>	11.58	0.0	0.0	0.0	0
W <sub>Ma</sub>	95.02	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):

$LAB^*LAB^*_{Ma}$ : 64 -39 74

$LAB^*LCH^*_{Ma}$ : 64 83 117

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

$lab^*rgb^*_{Ma}$ : 0.64 1.0 0.0

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 109$

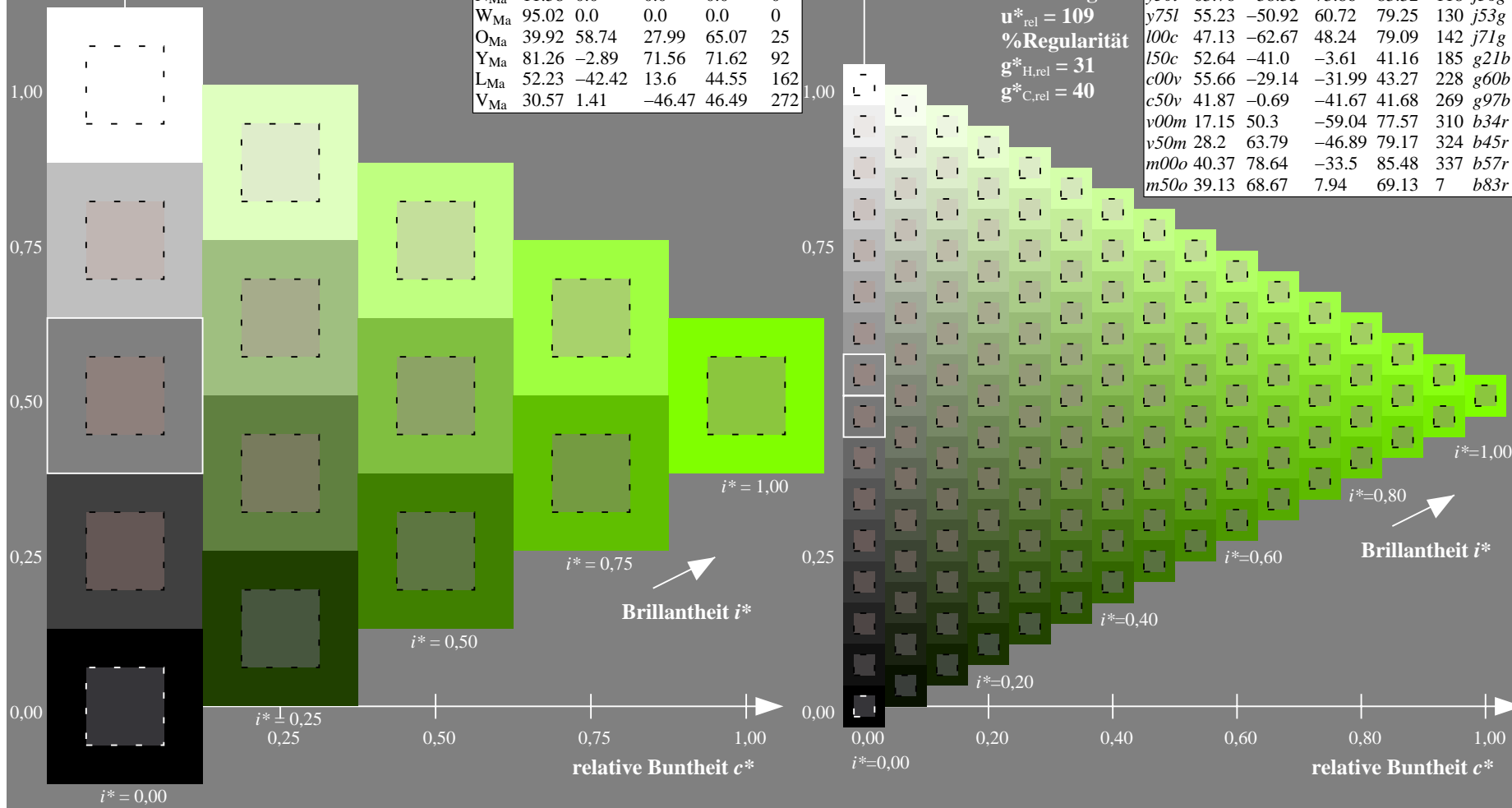
%Regularität

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

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

FRS12\_95a; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
<i>o00y</i>	38.06	60.0	44.0	74.4	36	<i>r16j</i>
<i>o25y</i>	47.68	47.13	56.9	73.88	50	<i>r37j</i>
<i>o50y</i>	57.77	33.62	70.44	78.05	64	<i>r58j</i>
<i>o75y</i>	69.84	17.48	86.62	88.37	79	<i>r79j</i>
<i>y00l</i>	86.77	-5.17	109.32	109.44	93	<i>j01g</i>
<i>y25l</i>	73.71	-24.12	89.19	92.39	105	<i>j18g</i>
<i>y50l</i>	63.76	-38.55	73.86	83.32	118	<i>j36g</i>
<i>y75l</i>	55.23	-50.92	60.72	79.25	130	<i>j53g</i>
<i>l00c</i>	47.13	-62.67	48.24	79.09	142	<i>j71g</i>
<i>l50c</i>	52.64	-41.0	-3.61	41.16	185	<i>g21b</i>
<i>c00v</i>	55.66	-29.14	-31.99	43.27	228	<i>g60b</i>
<i>c50v</i>	41.87	-0.69	-41.67	41.68	269	<i>g97b</i>
<i>v00m</i>	17.15	50.3	-59.04	77.57	310	<i>b34r</i>
<i>v50m</i>	28.2	63.79	-46.89	79.17	324	<i>b45r</i>
<i>m00o</i>	40.37	78.64	-33.5	85.48	337	<i>b57r</i>
<i>m50o</i>	39.13	68.67	7.94	69.13	7	<i>b83r</i>



Ein und Ausgabe: Farbmetrisches Drucker-Reflexiv-System FRS12\_95a, L\*=12\_95 für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.361$   $u^*_d = y75l$

Daten für jede Farbe:

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

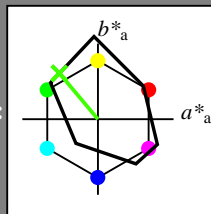
Bunttontexte:

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

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $i^*$



FRS12\_95a; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	38.06	60.0	44.0	74.4	36
Y <sub>Ma</sub>	86.77	-5.17	109.32	109.44	93
L <sub>Ma</sub>	47.13	-62.67	48.24	79.09	142
C <sub>Ma</sub>	55.66	-29.14	-31.99	43.27	228
V <sub>Ma</sub>	17.15	50.3	-59.04	77.57	310
M <sub>Ma</sub>	40.37	78.64	-33.5	85.48	337
N <sub>Ma</sub>	11.58	0.0	0.0	0.0	0
W <sub>Ma</sub>	95.02	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 -51 61

$LAB^*LCH^*_{Ma}$ : 55 79 129

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

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

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 109$

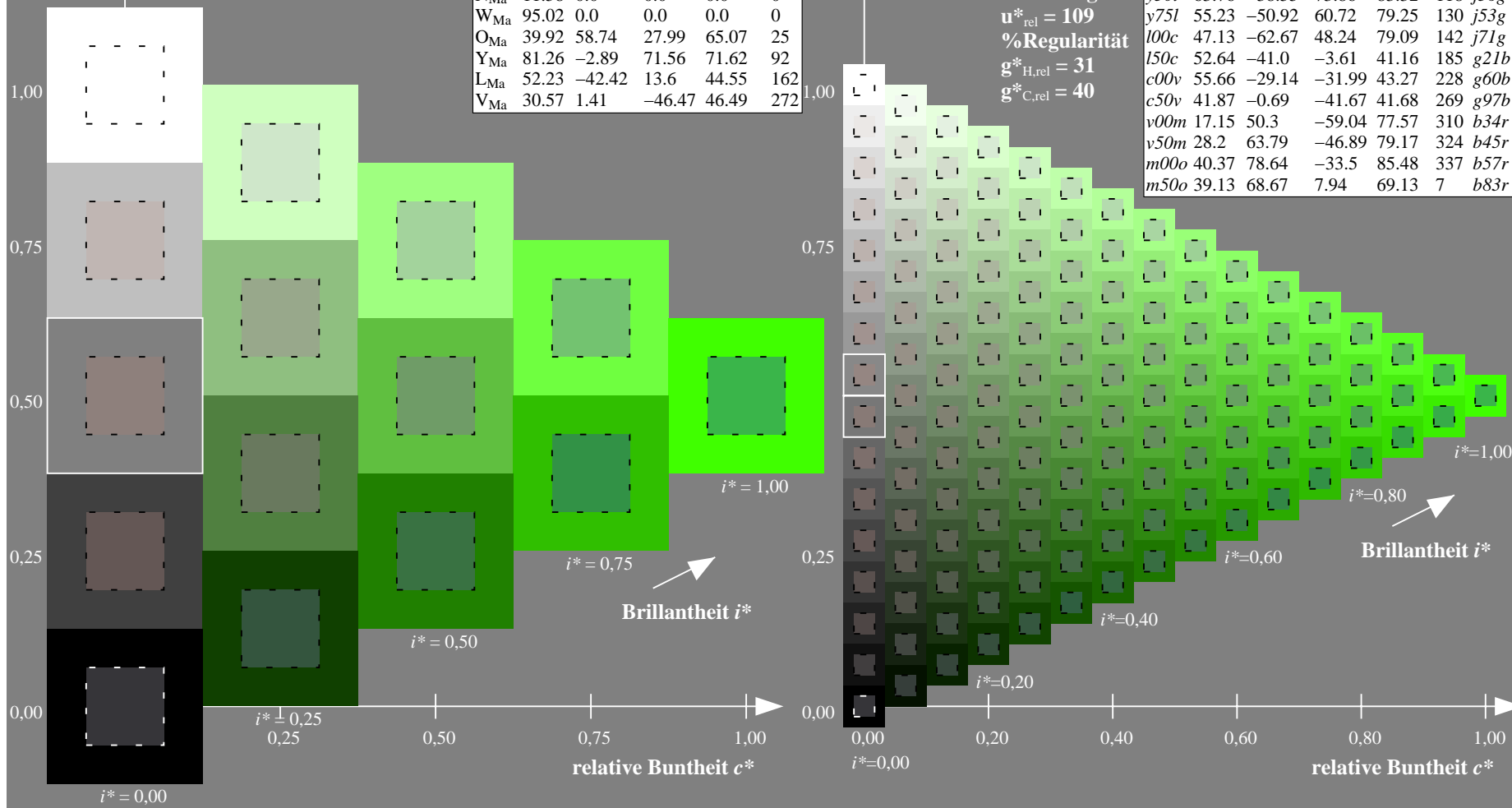
%Regularität

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

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

FRS12\_95a; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
<i>o00y</i>	38.06	60.0	44.0	74.4	36	<i>r16j</i>
<i>o25y</i>	47.68	47.13	56.9	73.88	50	<i>r37j</i>
<i>o50y</i>	57.77	33.62	70.44	78.05	64	<i>r58j</i>
<i>o75y</i>	69.84	17.48	86.62	88.37	79	<i>r79j</i>
<i>y00l</i>	86.77	-5.17	109.32	109.44	93	<i>j01g</i>
<i>y25l</i>	73.71	-24.12	89.19	92.39	105	<i>j18g</i>
<i>y50l</i>	63.76	-38.55	73.86	83.32	118	<i>j36g</i>
<i>y75l</i>	55.23	-50.92	60.72	79.25	130	<i>j53g</i>
<i>l00c</i>	47.13	-62.67	48.24	79.09	142	<i>j71g</i>
<i>l50c</i>	52.64	-41.0	-3.61	41.16	185	<i>g21b</i>
<i>c00v</i>	55.66	-29.14	-31.99	43.27	228	<i>g60b</i>
<i>c50v</i>	41.87	-0.69	-41.67	41.68	269	<i>g97b</i>
<i>v00m</i>	17.15	50.3	-59.04	77.57	310	<i>b34r</i>
<i>v50m</i>	28.2	63.79	-46.89	79.17	324	<i>b45r</i>
<i>m00o</i>	40.37	78.64	-33.5	85.48	337	<i>b57r</i>
<i>m50o</i>	39.13	68.67	7.94	69.13	7	<i>b83r</i>



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS12\_95a, L\*=12\_95 für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.396$   $u^*_d = 100c$

Daten für jede Farbe:

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

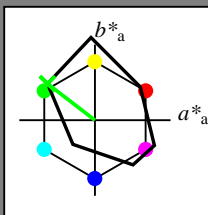
Bunttontexte:

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

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $i^*$



FRS12\_95a; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	38.06	60.0	44.0	74.4	36
Y <sub>Ma</sub>	86.77	-5.17	109.32	109.44	93
L <sub>Ma</sub>	47.13	-62.67	48.24	79.09	142
C <sub>Ma</sub>	55.66	-29.14	-31.99	43.27	228
V <sub>Ma</sub>	17.15	50.3	-59.04	77.57	310
M <sub>Ma</sub>	40.37	78.64	-33.5	85.48	337
N <sub>Ma</sub>	11.58	0.0	0.0	0.0	0
W <sub>Ma</sub>	95.02	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 -63 48

$LAB^*LCH^*_{Ma}$ : 47 79 142

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

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

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 109$

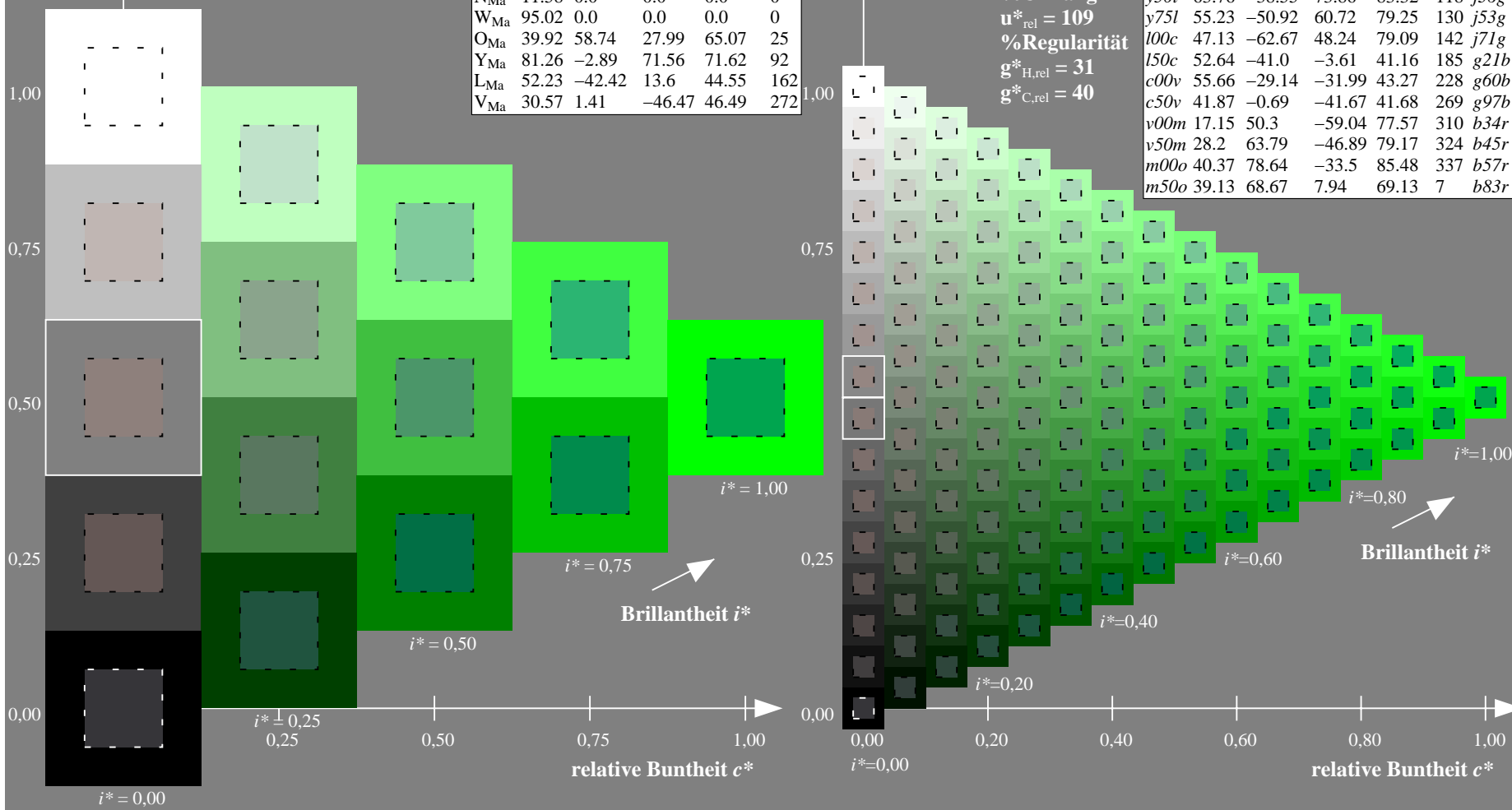
%Regularität

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

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

FRS12\_95a; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
<i>o00y</i>	38.06	60.0	44.0	74.4	36	<i>r16j</i>
<i>o25y</i>	47.68	47.13	56.9	73.88	50	<i>r37j</i>
<i>o50y</i>	57.77	33.62	70.44	78.05	64	<i>r58j</i>
<i>o75y</i>	69.84	17.48	86.62	88.37	79	<i>r79j</i>
<i>y00l</i>	86.77	-5.17	109.32	109.44	93	<i>j01g</i>
<i>y25l</i>	73.71	-24.12	89.19	92.39	105	<i>j18g</i>
<i>y50l</i>	63.76	-38.55	73.86	83.32	118	<i>j36g</i>
<i>y75l</i>	55.23	-50.92	60.72	79.25	130	<i>j53g</i>
<i>l00c</i>	47.13	-62.67	48.24	79.09	142	<i>j71g</i>
<i>l50c</i>	52.64	-41.0	-3.61	41.16	185	<i>g21b</i>
<i>c00v</i>	55.66	-29.14	-31.99	43.27	228	<i>g60b</i>
<i>c50v</i>	41.87	-0.69	-41.67	41.68	269	<i>g97b</i>
<i>v00m</i>	17.15	50.3	-59.04	77.57	310	<i>b34r</i>
<i>v50m</i>	28.2	63.79	-46.89	79.17	324	<i>b45r</i>
<i>m00o</i>	40.37	78.64	-33.5	85.48	337	<i>b57r</i>
<i>m50o</i>	39.13	68.67	7.94	69.13	7	<i>b83r</i>





Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS12\_95a, L\*=12\_95 für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.514$   $u^*_d = 150c$

Daten für jede Farbe:

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

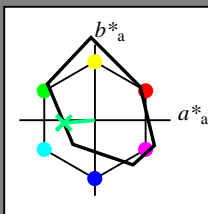
Bunttontexte:

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

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $i^*$



FRS12\_95a; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	38.06	60.0	44.0	74.4	36
Y <sub>Ma</sub>	86.77	-5.17	109.32	109.44	93
L <sub>Ma</sub>	47.13	-62.67	48.24	79.09	142
C <sub>Ma</sub>	55.66	-29.14	-31.99	43.27	228
V <sub>Ma</sub>	17.15	50.3	-59.04	77.57	310
M <sub>Ma</sub>	40.37	78.64	-33.5	85.48	337
N <sub>Ma</sub>	11.58	0.0	0.0	0.0	0
W <sub>Ma</sub>	95.02	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):

$LAB^*LAB^*_{Ma}$ : 53 -41 -4

$LAB^*LCH^*_{Ma}$ : 53 41 185

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

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

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 109$

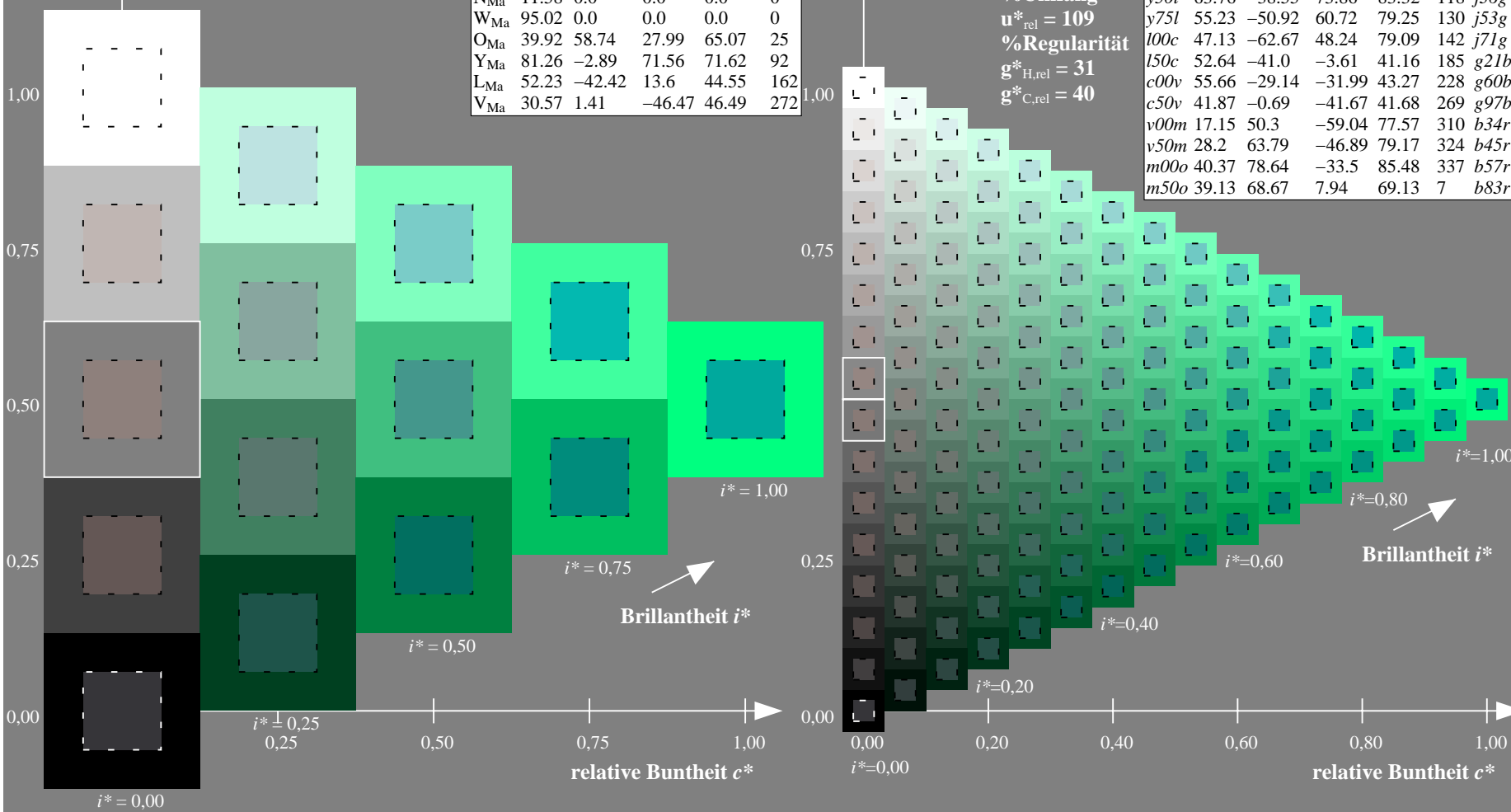
%Regularität

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

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

FRS12\_95a; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
<i>o00y</i>	38.06	60.0	44.0	74.4	36	<i>r16j</i>
<i>o25y</i>	47.68	47.13	56.9	73.88	50	<i>r37j</i>
<i>o50y</i>	57.77	33.62	70.44	78.05	64	<i>r58j</i>
<i>o75y</i>	69.84	17.48	86.62	88.37	79	<i>r79j</i>
<i>y00l</i>	86.77	-5.17	109.32	109.44	93	<i>j01g</i>
<i>y25l</i>	73.71	-24.12	89.19	92.39	105	<i>j18g</i>
<i>y50l</i>	63.76	-38.55	73.86	83.32	118	<i>j36g</i>
<i>y75l</i>	55.23	-50.92	60.72	79.25	130	<i>j53g</i>
<i>l00c</i>	47.13	-62.67	48.24	79.09	142	<i>j71g</i>
<i>l50c</i>	52.64	-41.0	-3.61	41.16	185	<i>g21b</i>
<i>c00v</i>	55.66	-29.14	-31.99	43.27	228	<i>g60b</i>
<i>c50v</i>	41.87	-0.69	-41.67	41.68	269	<i>g97b</i>
<i>v00m</i>	17.15	50.3	-59.04	77.57	310	<i>b34r</i>
<i>v50m</i>	28.2	63.79	-46.89	79.17	324	<i>b45r</i>
<i>m00o</i>	40.37	78.64	-33.5	85.48	337	<i>b57r</i>
<i>m50o</i>	39.13	68.67	7.94	69.13	7	<i>b83r</i>





Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS12\_95a, L\*=12\_95 für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.747$   $u^*_d = c50v$

Daten für jede Farbe:

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

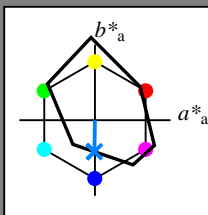
Bunttontexte:

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

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $i^*$



FRS12\_95a; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	38.06	60.0	44.0	74.4	36
Y <sub>Ma</sub>	86.77	-5.17	109.32	109.44	93
L <sub>Ma</sub>	47.13	-62.67	48.24	79.09	142
C <sub>Ma</sub>	55.66	-29.14	-31.99	43.27	228
V <sub>Ma</sub>	17.15	50.3	-59.04	77.57	310
M <sub>Ma</sub>	40.37	78.64	-33.5	85.48	337
N <sub>Ma</sub>	11.58	0.0	0.0	0.0	0
W <sub>Ma</sub>	95.02	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 -42

$LAB^*LCH^*Ma$ : 42 42 269

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

$lab^*rgb^*Ma$ : 0.0 0.05 1.0

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 109$

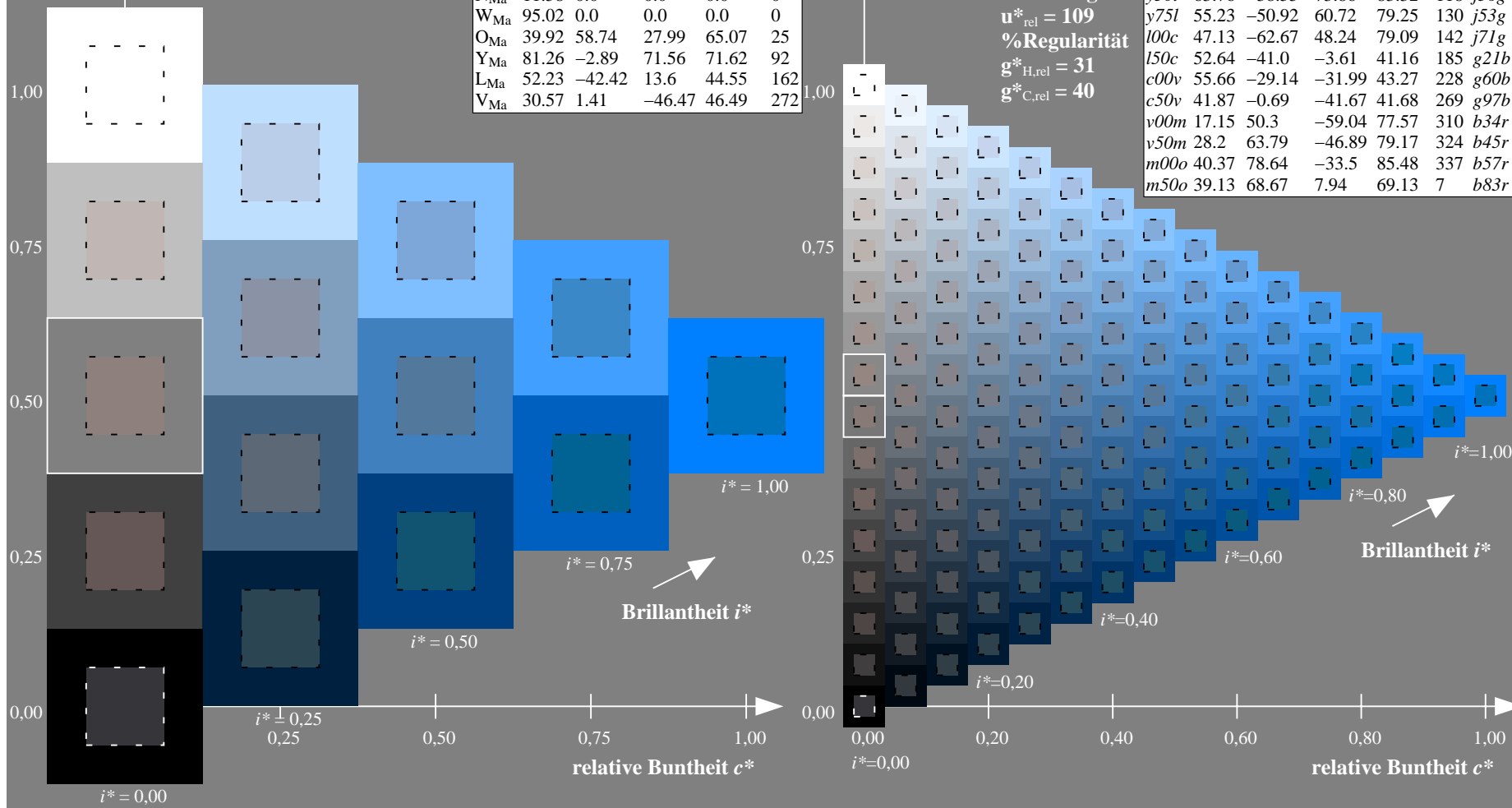
%Regularität

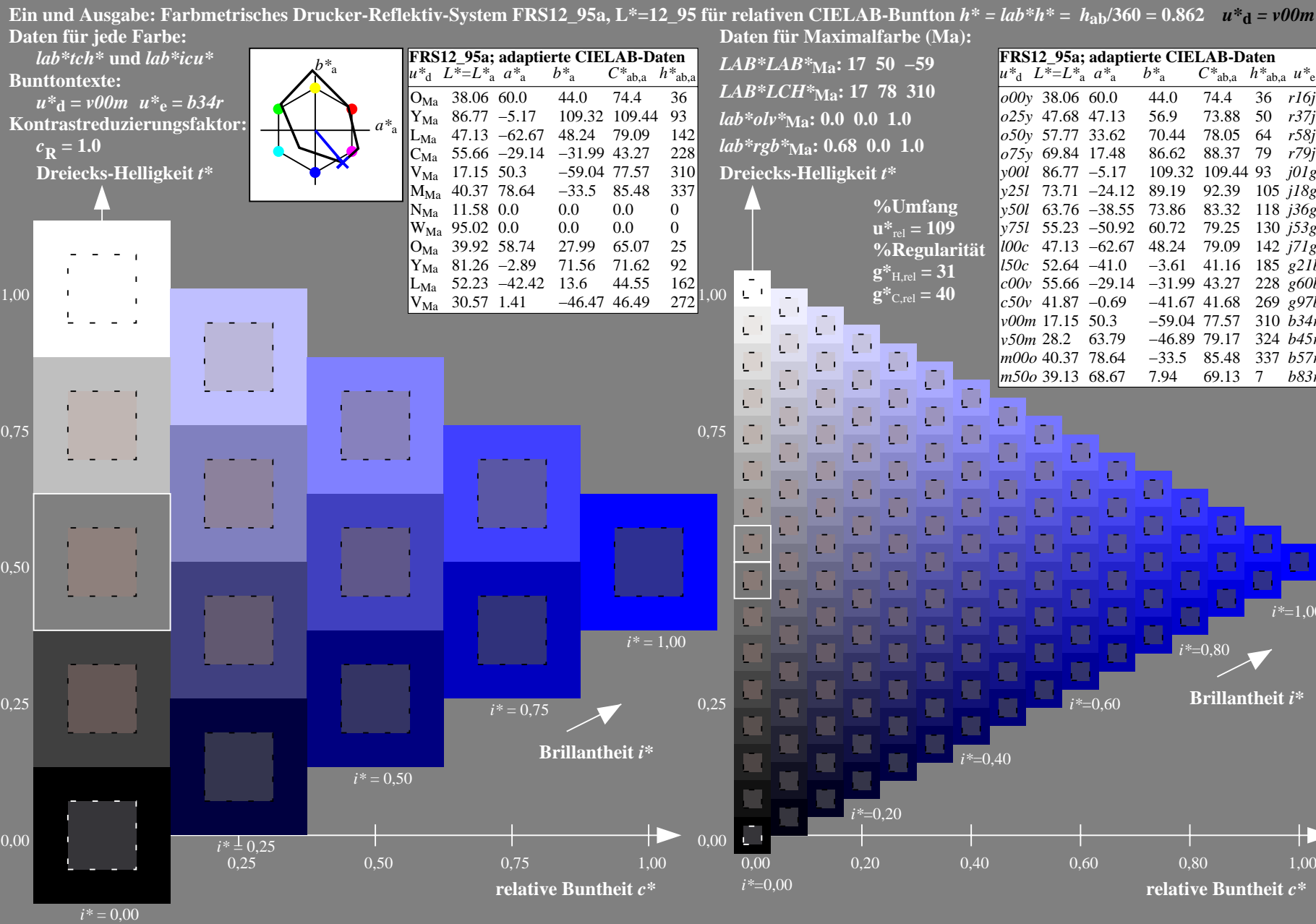
$g^*_{H,rel} = 31$

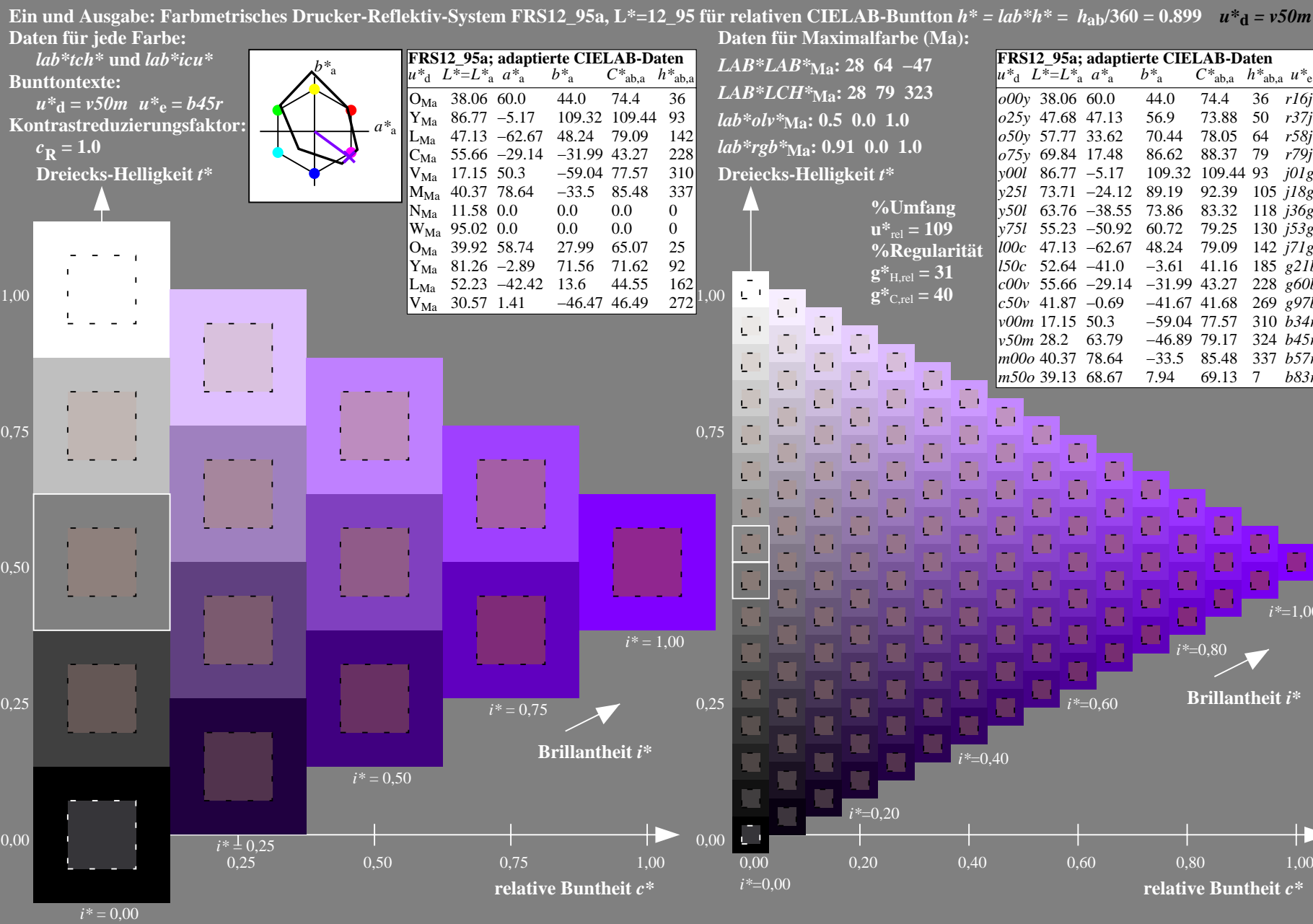
$g^*_{C,rel} = 40$

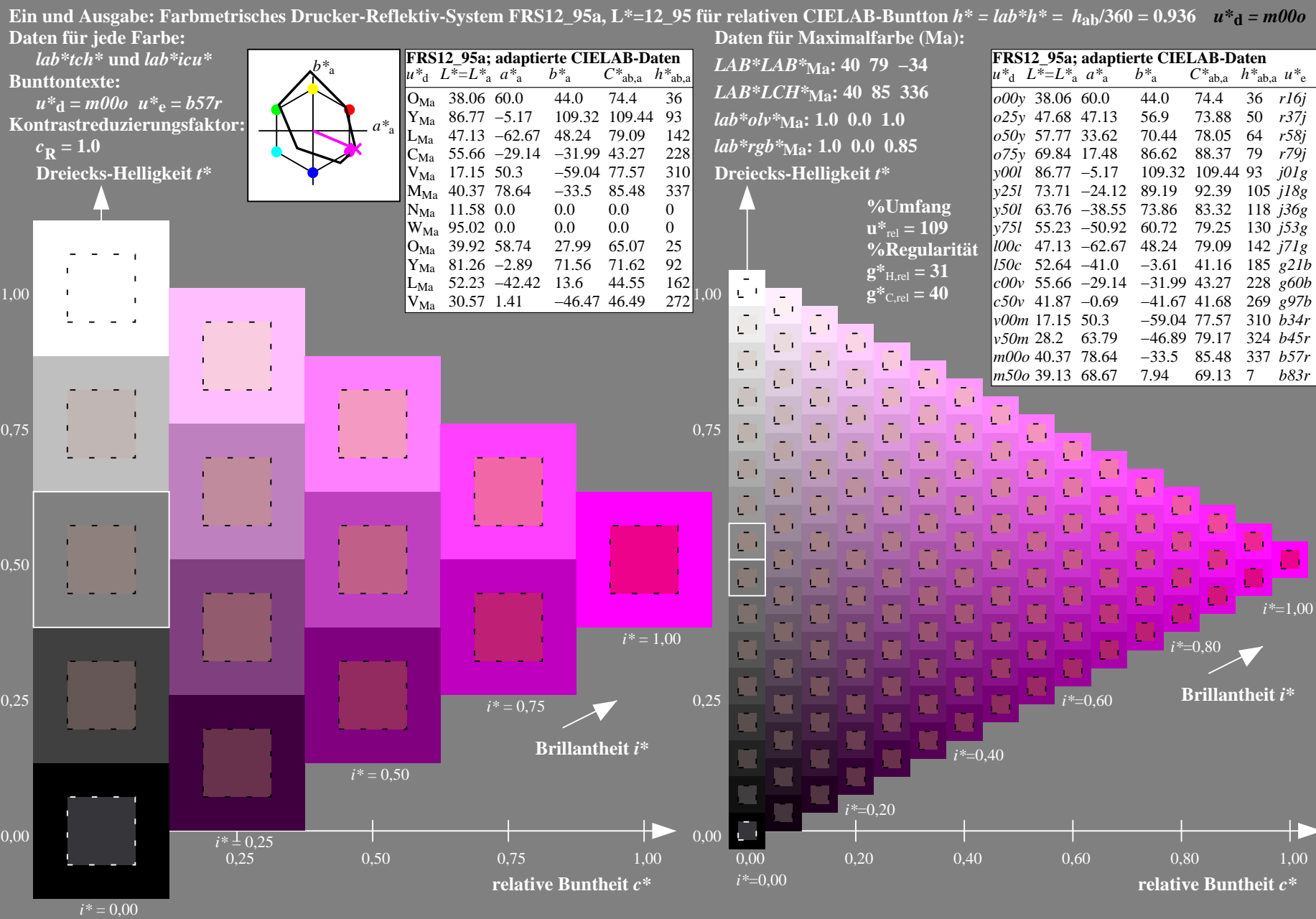
FRS12\_95a; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
<i>o00y</i>	38.06	60.0	44.0	74.4	36	<i>r16j</i>
<i>o25y</i>	47.68	47.13	56.9	73.88	50	<i>r37j</i>
<i>o50y</i>	57.77	33.62	70.44	78.05	64	<i>r58j</i>
<i>o75y</i>	69.84	17.48	86.62	88.37	79	<i>r79j</i>
<i>y00l</i>	86.77	-5.17	109.32	109.44	93	<i>j01g</i>
<i>y25l</i>	73.71	-24.12	89.19	92.39	105	<i>j18g</i>
<i>y50l</i>	63.76	-38.55	73.86	83.32	118	<i>j36g</i>
<i>y75l</i>	55.23	-50.92	60.72	79.25	130	<i>j53g</i>
<i>l00c</i>	47.13	-62.67	48.24	79.09	142	<i>j71g</i>
<i>l50c</i>	52.64	-41.0	-3.61	41.16	185	<i>g21b</i>
<i>c00v</i>	55.66	-29.14	-31.99	43.27	228	<i>g60b</i>
<i>c50v</i>	41.87	-0.69	-41.67	41.68	269	<i>g97b</i>
<i>v00m</i>	17.15	50.3	-59.04	77.57	310	<i>b34r</i>
<i>v50m</i>	28.2	63.79	-46.89	79.17	324	<i>b45r</i>
<i>m00o</i>	40.37	78.64	-33.5	85.48	337	<i>b57r</i>
<i>m50o</i>	39.13	68.67	7.94	69.13	7	<i>b83r</i>











Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS12\_95a, L\*=12\_95 für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.018$   $u^*_d = m50o$

Daten für jede Farbe:

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

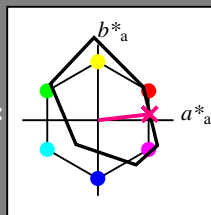
Bunttontexte:

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

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $i^*$



FRS12\_95a; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	38.06	60.0	44.0	74.4	36
Y <sub>Ma</sub>	86.77	-5.17	109.32	109.44	93
L <sub>Ma</sub>	47.13	-62.67	48.24	79.09	142
C <sub>Ma</sub>	55.66	-29.14	-31.99	43.27	228
V <sub>Ma</sub>	17.15	50.3	-59.04	77.57	310
M <sub>Ma</sub>	40.37	78.64	-33.5	85.48	337
N <sub>Ma</sub>	11.58	0.0	0.0	0.0	0
W <sub>Ma</sub>	95.02	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 69 8

$LAB^*LCH^*_{Ma}$ : 39 69 6

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

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

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 109$

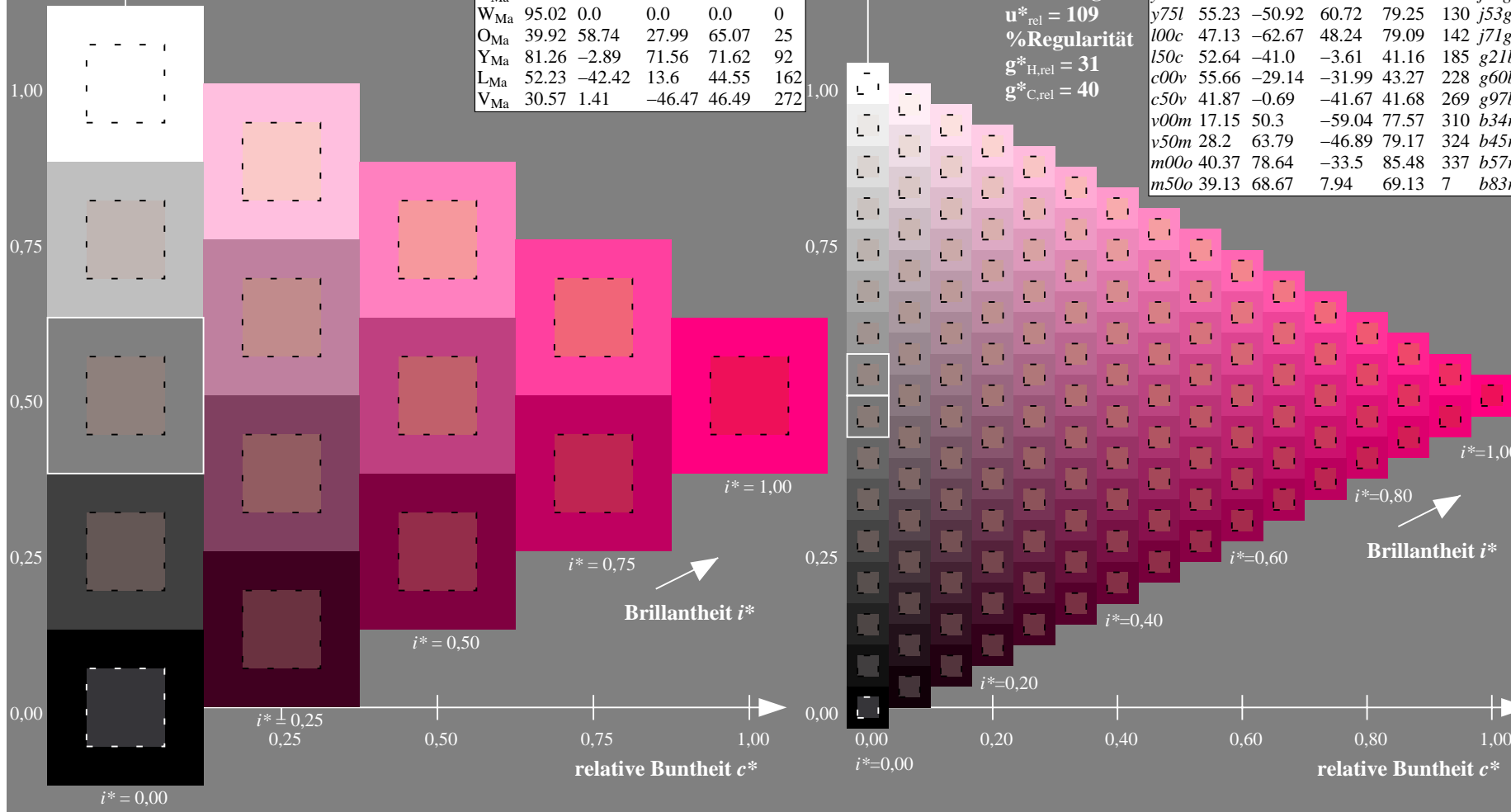
%Regularität

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

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

FRS12\_95a; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
<i>o00y</i>	38.06	60.0	44.0	74.4	36	<i>r16j</i>
<i>o25y</i>	47.68	47.13	56.9	73.88	50	<i>r37j</i>
<i>o50y</i>	57.77	33.62	70.44	78.05	64	<i>r58j</i>
<i>o75y</i>	69.84	17.48	86.62	88.37	79	<i>r79j</i>
<i>y00l</i>	86.77	-5.17	109.32	109.44	93	<i>j01g</i>
<i>y25l</i>	73.71	-24.12	89.19	92.39	105	<i>j18g</i>
<i>y50l</i>	63.76	-38.55	73.86	83.32	118	<i>j36g</i>
<i>y75l</i>	55.23	-50.92	60.72	79.25	130	<i>j53g</i>
<i>l00c</i>	47.13	-62.67	48.24	79.09	142	<i>j71g</i>
<i>l50c</i>	52.64	-41.0	-3.61	41.16	185	<i>g21b</i>
<i>c00v</i>	55.66	-29.14	-31.99	43.27	228	<i>g60b</i>
<i>c50v</i>	41.87	-0.69	-41.67	41.68	269	<i>g97b</i>
<i>v00m</i>	17.15	50.3	-59.04	77.57	310	<i>b34r</i>
<i>v50m</i>	28.2	63.79	-46.89	79.17	324	<i>b45r</i>
<i>m00o</i>	40.37	78.64	-33.5	85.48	337	<i>b57r</i>
<i>m50o</i>	39.13	68.67	7.94	69.13	7	<i>b83r</i>



Siehe ähnliche Dateien: <http://www.ps.bam.de/Fg62/>; <http://www.ps.bam.de/Fg62/10L/L62g00NA.TXT/> .PS BAM-Material: Code=rh4ta  
Technische Information: <http://www.ps.bam.de> Version 2.1, io=1,1, ColSpx=0



Ein und Ausgabe:  
Farbmetrisches Drucker-Reflektiv-System FRS12\_95a  
Daten für jede Farbe:

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

Geräte-Bunttontext:

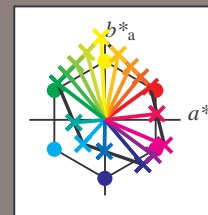
$u^*_d$  = 16 Bunttoene *o00y*, *o25y*, ..., *m50o*

Kontrastreduzierungsfaktor:

$c_R = 1.0$

FRS12\_95a; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
<i>o00y</i>	38.06	60.0	44.0	74.4	36	<i>r16j</i>
<i>o25y</i>	47.68	47.13	56.9	73.88	50	<i>r37j</i>
<i>o50y</i>	57.77	33.62	70.44	78.05	64	<i>r58j</i>
<i>o75y</i>	69.84	17.48	86.62	88.37	79	<i>r79j</i>
<i>y00l</i>	86.77	-5.17	109.32	109.44	93	<i>j01g</i>
<i>y25l</i>	73.71	-24.12	89.19	92.39	105	<i>j18g</i>
<i>y50l</i>	63.76	-38.55	73.86	83.32	118	<i>j36g</i>
<i>y75l</i>	55.23	-50.92	60.72	79.25	130	<i>j53g</i>
<i>l00c</i>	47.13	-62.67	48.24	79.09	142	<i>j71g</i>
<i>l50c</i>	52.64	-41.0	-3.61	41.16	185	<i>g21b</i>
<i>c00v</i>	55.66	-29.14	-31.99	43.27	228	<i>g60b</i>
<i>c50v</i>	41.87	-0.69	-41.67	41.68	269	<i>g97b</i>
<i>v00m</i>	17.15	50.3	-59.04	77.57	310	<i>b34r</i>
<i>v50m</i>	28.2	63.79	-46.89	79.17	324	<i>b45r</i>
<i>m00o</i>	40.37	78.64	-33.5	85.48	337	<i>b57r</i>
<i>m50o</i>	39.13	68.67	7.94	69.13	7	<i>b83r</i>



%Umfang

$u^*_{rel} = 109$

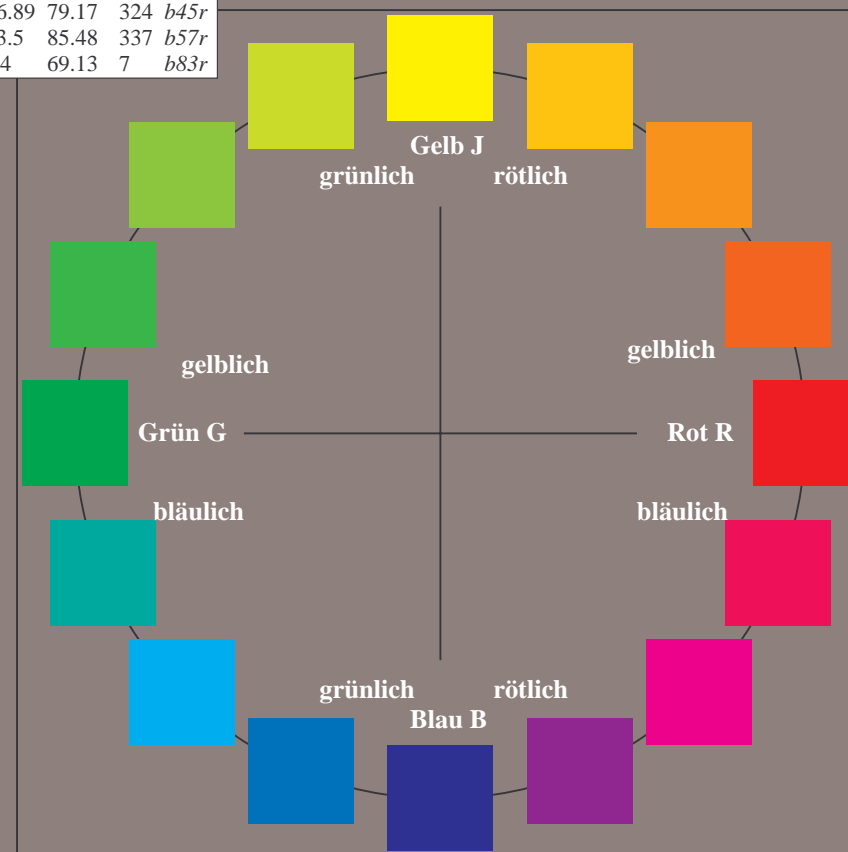
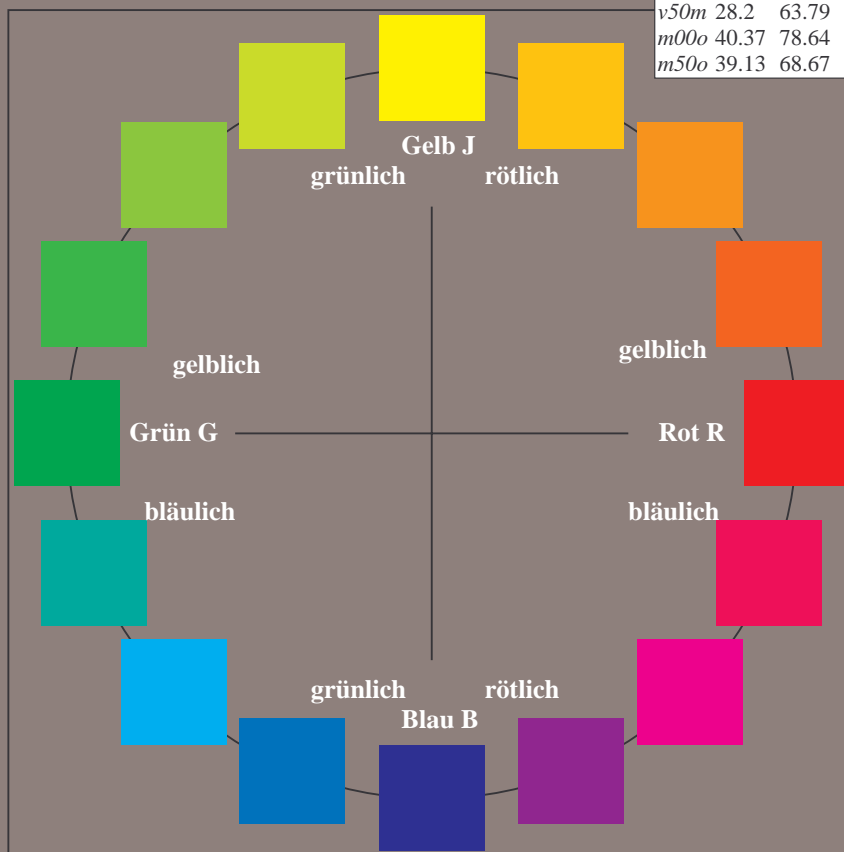
%Regularität

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

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

FRS12\_95a; adaptierte CIELAB-Daten

Name	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	38.06	60.0	44.0	74.4	36
Y <sub>Ma</sub>	86.77	-5.17	109.32	109.44	93
L <sub>Ma</sub>	47.13	-62.67	48.24	79.09	142
C <sub>Ma</sub>	55.66	-29.14	-31.99	43.27	228
V <sub>Ma</sub>	17.15	50.3	-59.04	77.57	310
M <sub>Ma</sub>	40.37	78.64	-33.5	85.48	337
N <sub>Ma</sub>	11.58	0.0	0.0	0.0	0
W <sub>Ma</sub>	95.02	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 FRS12\_95a, L\*=12\_95 für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.101$   $u^*_d = o00y$

Daten für jede Farbe:

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

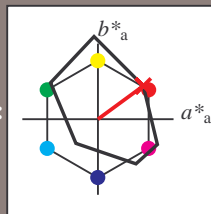
Bunttontexte:

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

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $i^*$



FRS12_95a; adaptierte CIELAB-Daten						
$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	
OMa	38.06	60.0	44.0	74.4	36	
YMa	86.77	-5.17	109.32	109.44	93	
LMa	47.13	-62.67	48.24	79.09	142	
CMa	55.66	-29.14	-31.99	43.27	228	
VMa	17.15	50.3	-59.04	77.57	310	
MMa	40.37	78.64	-33.5	85.48	337	
NMa	11.58	0.0	0.0	0.0	0	
WMa	95.02	0.0	0.0	0.0	0	
OMa	39.92	58.74	27.99	65.07	25	
YMa	81.26	-2.89	71.56	71.62	92	
LMa	52.23	-42.42	13.6	44.55	162	
VMa	30.57	1.41	-46.47	46.49	272	

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*Ma$ : 38 60 44

$LAB^*LCH^*Ma$ : 38 74 36

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

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

Dreiecks-Helligkeit  $i^*$

%Umfang

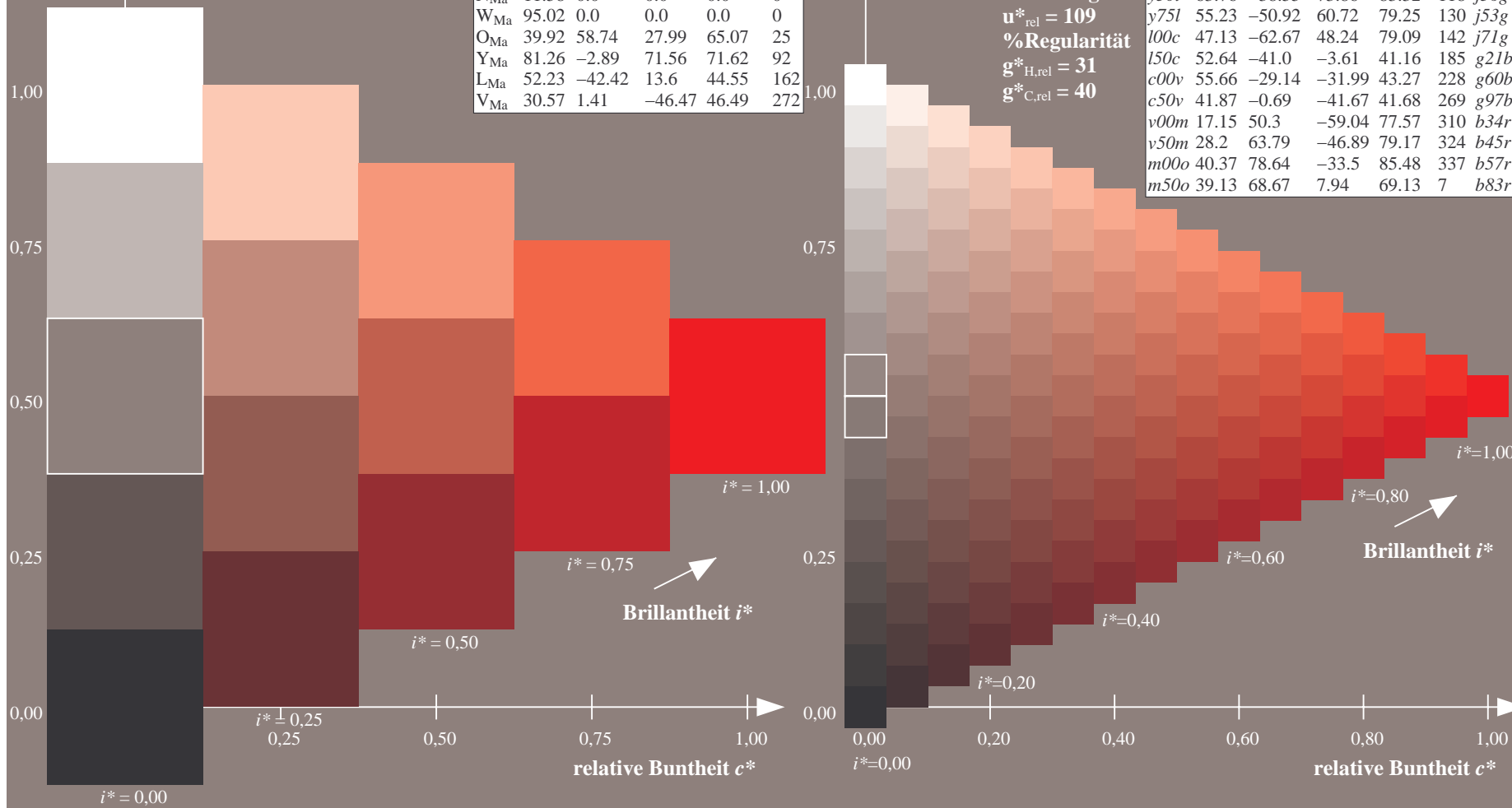
$u^*_{rel} = 109$

%Regularität

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

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

FRS12_95a; adaptierte CIELAB-Daten						
$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
$o00y$	38.06	60.0	44.0	74.4	36	$r16j$
$o25y$	47.68	47.13	56.9	73.88	50	$r37j$
$o50y$	57.77	33.62	70.44	78.05	64	$r58j$
$o75y$	69.84	17.48	86.62	88.37	79	$r79j$
$y00l$	86.77	-5.17	109.32	109.44	93	$j01g$
$y25l$	73.71	-24.12	89.19	92.39	105	$j18g$
$y50l$	63.76	-38.55	73.86	83.32	118	$j36g$
$y75l$	55.23	-50.92	60.72	79.25	130	$j53g$
$l00c$	47.13	-62.67	48.24	79.09	142	$j71g$
$l50c$	52.64	-41.0	-3.61	41.16	185	$g21b$
$c00v$	55.66	-29.14	-31.99	43.27	228	$g60b$
$c50v$	41.87	-0.69	-41.67	41.68	269	$g97b$
$v00m$	17.15	50.3	-59.04	77.57	310	$b34r$
$v50m$	28.2	63.79	-46.89	79.17	324	$b45r$
$m00o$	40.37	78.64	-33.5	85.48	337	$b57r$
$m50o$	39.13	68.67	7.94	69.13	7	$b83r$



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS12\_95a, L\*=12\_95 für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.14$   $u^*_d = o25y$

Daten für jede Farbe:

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

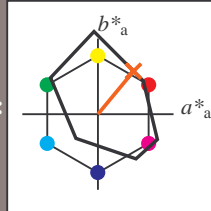
Bunttontexte:

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

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $i^*$



FRS12\_95a; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	38.06	60.0	44.0	74.4	36
Y <sub>Ma</sub>	86.77	-5.17	109.32	109.44	93
L <sub>Ma</sub>	47.13	-62.67	48.24	79.09	142
C <sub>Ma</sub>	55.66	-29.14	-31.99	43.27	228
V <sub>Ma</sub>	17.15	50.3	-59.04	77.57	310
M <sub>Ma</sub>	40.37	78.64	-33.5	85.48	337
N <sub>Ma</sub>	11.58	0.0	0.0	0.0	0
W <sub>Ma</sub>	95.02	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):

$LAB^*LAB^*_{Ma}$ : 48 47 57

$LAB^*LCH^*_{Ma}$ : 48 74 50

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

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

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 109$

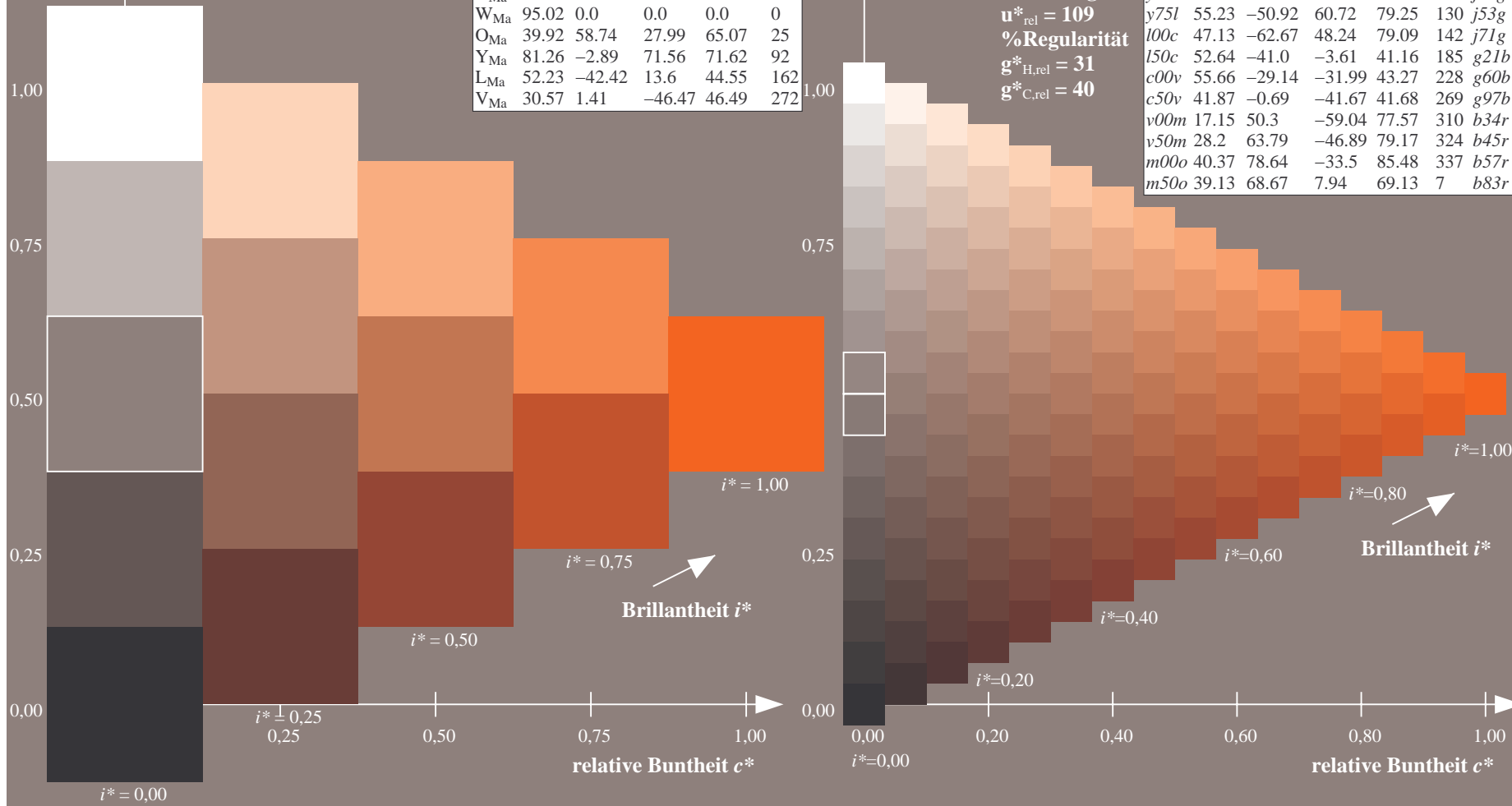
%Regularität

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

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

FRS12\_95a; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
o00y	38.06	60.0	44.0	74.4	36	r16j
o25y	47.68	47.13	56.9	73.88	50	r37j
o50y	57.77	33.62	70.44	78.05	64	r58j
o75y	69.84	17.48	86.62	88.37	79	r79j
y00l	86.77	-5.17	109.32	109.44	93	j01g
y25l	73.71	-24.12	89.19	92.39	105	j18g
y50l	63.76	-38.55	73.86	83.32	118	j36g
y75l	55.23	-50.92	60.72	79.25	130	j53g
l00c	47.13	-62.67	48.24	79.09	142	j71g
l50c	52.64	-41.0	-3.61	41.16	185	g21b
c00v	55.66	-29.14	-31.99	43.27	228	g60b
c50v	41.87	-0.69	-41.67	41.68	269	g97b
v00m	17.15	50.3	-59.04	77.57	310	b34r
v50m	28.2	63.79	-46.89	79.17	324	b45r
m00o	40.37	78.64	-33.5	85.48	337	b57r
m50o	39.13	68.67	7.94	69.13	7	b83r



Ein und Ausgabe: Farbmimetrisches Drucker-Reflektiv-System FRS12\_95a, L\*=12\_95 für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.179$   $u^*_d = o50y$

Daten für jede Farbe:

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

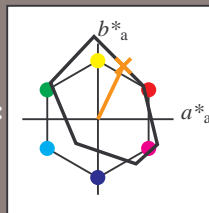
Bunttontexte:

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

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $i^*$



FRS12\_95a; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	38.06	60.0	44.0	74.4	36
Y <sub>Ma</sub>	86.77	-5.17	109.32	109.44	93
L <sub>Ma</sub>	47.13	-62.67	48.24	79.09	142
C <sub>Ma</sub>	55.66	-29.14	-31.99	43.27	228
V <sub>Ma</sub>	17.15	50.3	-59.04	77.57	310
M <sub>Ma</sub>	40.37	78.64	-33.5	85.48	337
N <sub>Ma</sub>	11.58	0.0	0.0	0.0	0
W <sub>Ma</sub>	95.02	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):

$LAB^*LAB^*Ma$ : 58 34 70

$LAB^*LCH^*Ma$ : 58 78 64

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

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

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 109$

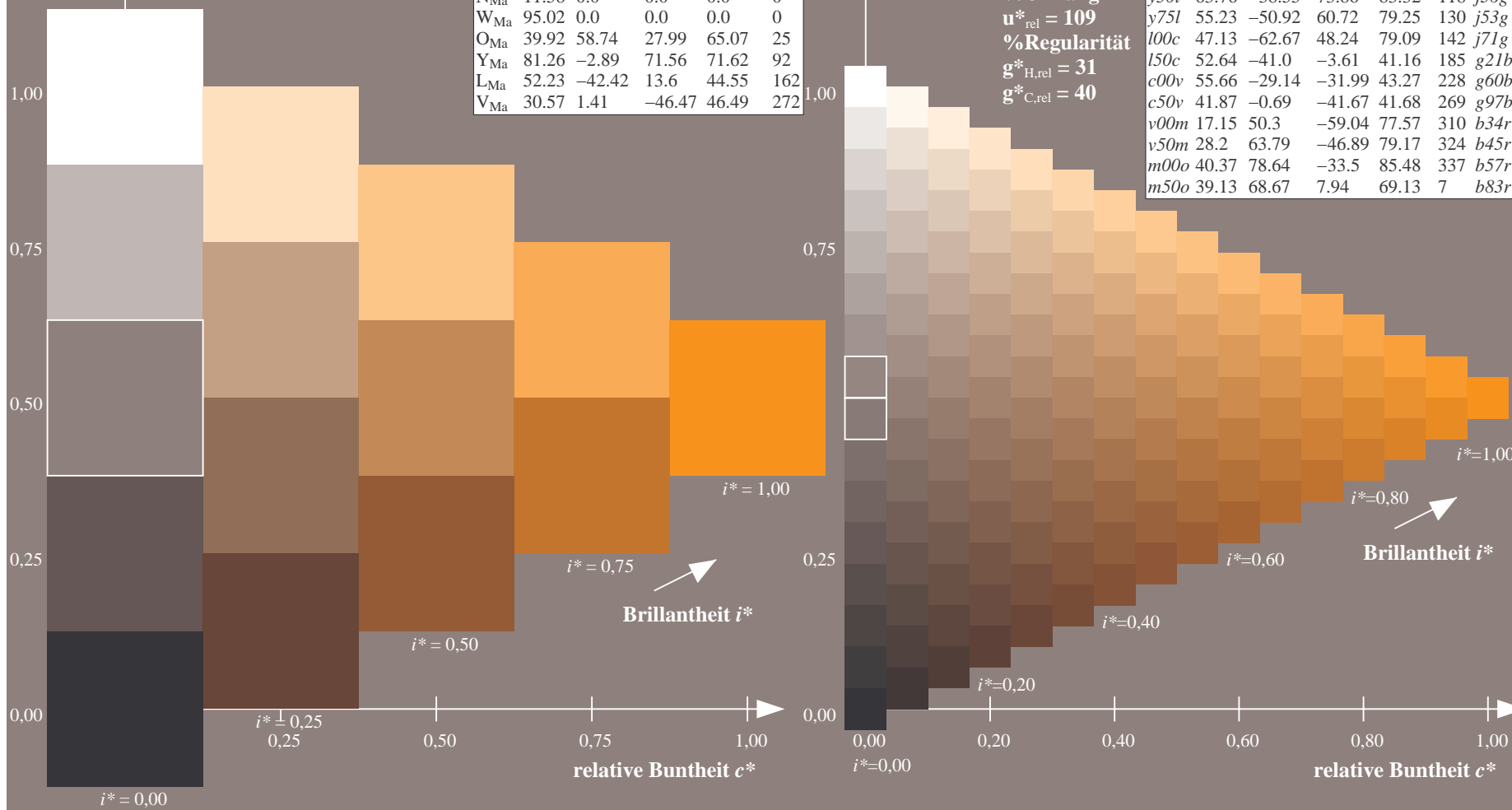
%Regularität

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

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

FRS12\_95a; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
o00y	38.06	60.0	44.0	74.4	36	r16j
o25y	47.68	47.13	56.9	73.88	50	r37j
o50y	57.77	33.62	70.44	78.05	64	r58j
o75y	69.84	17.48	86.62	88.37	79	r79j
y00l	86.77	-5.17	109.32	109.44	93	j01g
y25l	73.71	-24.12	89.19	92.39	105	j18g
y50l	63.76	-38.55	73.86	83.32	118	j36g
y75l	55.23	-50.92	60.72	79.25	130	j53g
l00c	47.13	-62.67	48.24	79.09	142	j71g
l50c	52.64	-41.0	-3.61	41.16	185	g21b
c00v	55.66	-29.14	-31.99	43.27	228	g60b
c50v	41.87	-0.69	-41.67	41.68	269	g97b
v00m	17.15	50.3	-59.04	77.57	310	b34r
v50m	28.2	63.79	-46.89	79.17	324	b45r
m00o	40.37	78.64	-33.5	85.48	337	b57r
m50o	39.13	68.67	7.94	69.13	7	b83r





Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS12\_95a, L\*=12\_95 für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.218$   $u^*_d = o75y$

Daten für jede Farbe:

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

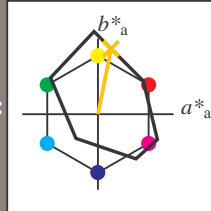
Bunttontexte:

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

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $i^*$



FRS12\_95a; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	38.06	60.0	44.0	74.4	36
Y <sub>Ma</sub>	86.77	-5.17	109.32	109.44	93
L <sub>Ma</sub>	47.13	-62.67	48.24	79.09	142
C <sub>Ma</sub>	55.66	-29.14	-31.99	43.27	228
V <sub>Ma</sub>	17.15	50.3	-59.04	77.57	310
M <sub>Ma</sub>	40.37	78.64	-33.5	85.48	337
N <sub>Ma</sub>	11.58	0.0	0.0	0.0	0
W <sub>Ma</sub>	95.02	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):

$LAB^*LAB^*_{Ma}$ : 70 17 87

$LAB^*LCH^*_{Ma}$ : 70 88 78

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

$lab^*rgb^*_{Ma}$ : 1.0 0.79 0.0

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 109$

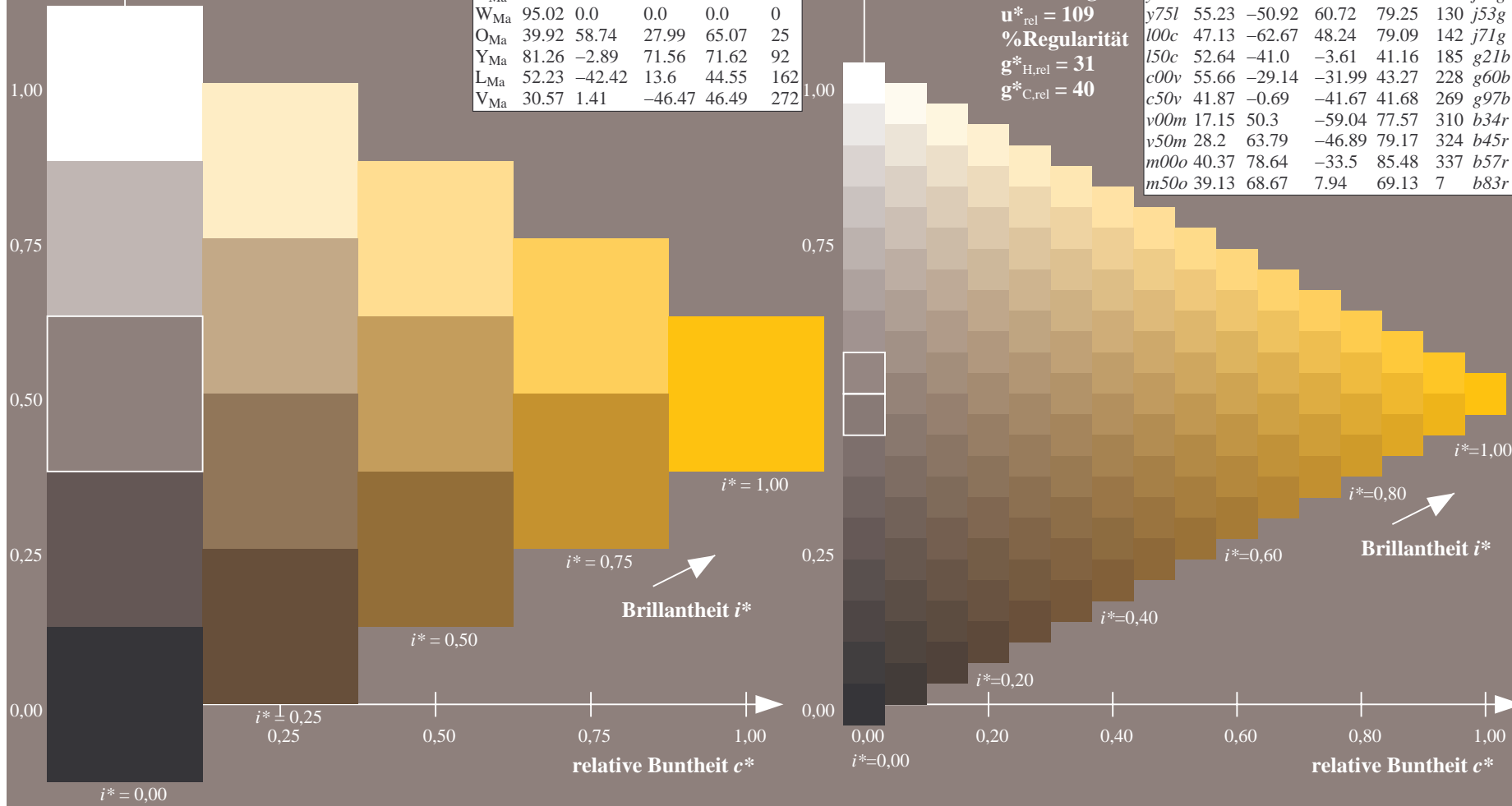
%Regularität

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

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

FRS12\_95a; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
o00y	38.06	60.0	44.0	74.4	36	r16j
o25y	47.68	47.13	56.9	73.88	50	r37j
o50y	57.77	33.62	70.44	78.05	64	r58j
o75y	69.84	17.48	86.62	88.37	79	r79j
y00l	86.77	-5.17	109.32	109.44	93	j01g
y25l	73.71	-24.12	89.19	92.39	105	j18g
y50l	63.76	-38.55	73.86	83.32	118	j36g
y75l	55.23	-50.92	60.72	79.25	130	j53g
l00c	47.13	-62.67	48.24	79.09	142	j71g
l50c	52.64	-41.0	-3.61	41.16	185	g21b
c00v	55.66	-29.14	-31.99	43.27	228	g60b
c50v	41.87	-0.69	-41.67	41.68	269	g97b
v00m	17.15	50.3	-59.04	77.57	310	b34r
v50m	28.2	63.79	-46.89	79.17	324	b45r
m00o	40.37	78.64	-33.5	85.48	337	b57r
m50o	39.13	68.67	7.94	69.13	7	b83r



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS12\_95a, L\*=12\_95 für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.258$   $u^*_d = y00l$

Daten für jede Farbe:

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

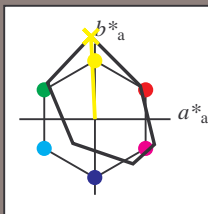
Bunttonexte:

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

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $i^*$



FRS12\_95a; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
OMa	38.06	60.0	44.0	74.4	36
YMa	86.77	-5.17	109.32	109.44	93
LMa	47.13	-62.67	48.24	79.09	142
CMa	55.66	-29.14	-31.99	43.27	228
VMa	17.15	50.3	-59.04	77.57	310
MMa	40.37	78.64	-33.5	85.48	337
NMa	11.58	0.0	0.0	0.0	0
WMa	95.02	0.0	0.0	0.0	0
OMa	39.92	58.74	27.99	65.07	25
YMa	81.26	-2.89	71.56	71.62	92
LMa	52.23	-42.42	13.6	44.55	162
VMa	30.57	1.41	-46.47	46.49	272

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*Ma$ : 87 -5 109

$LAB^*LCH^*Ma$ : 87 109 92

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

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

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 109$

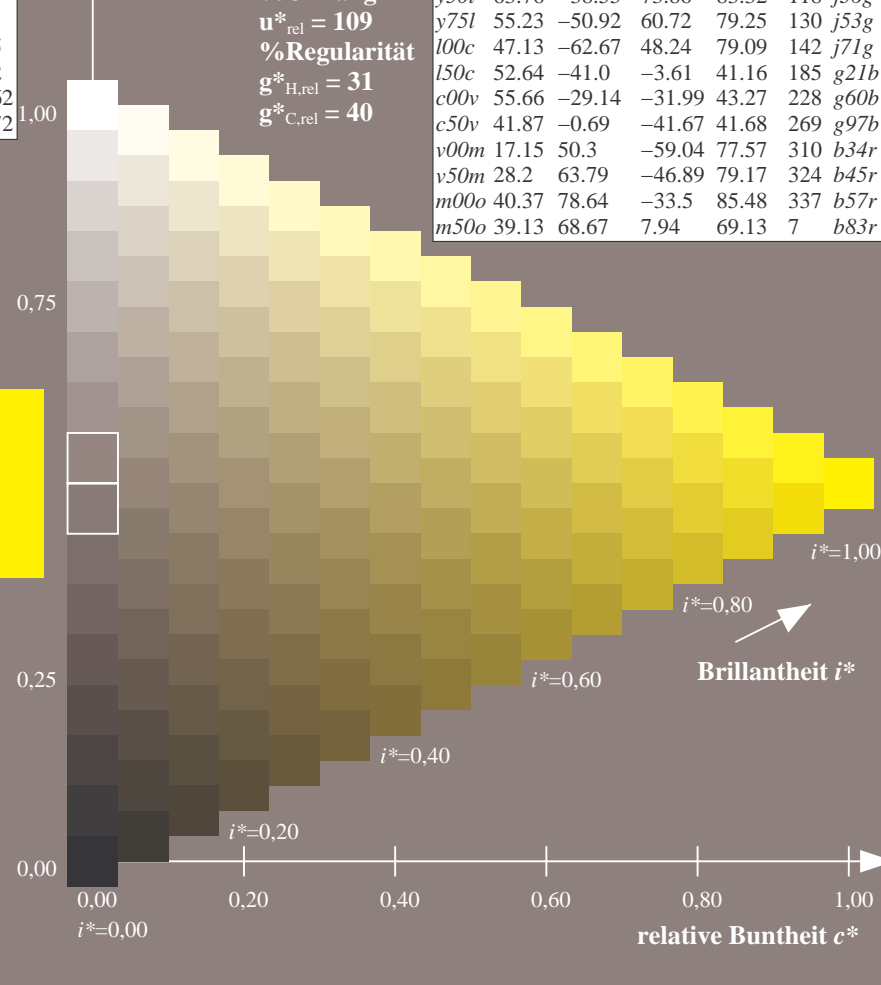
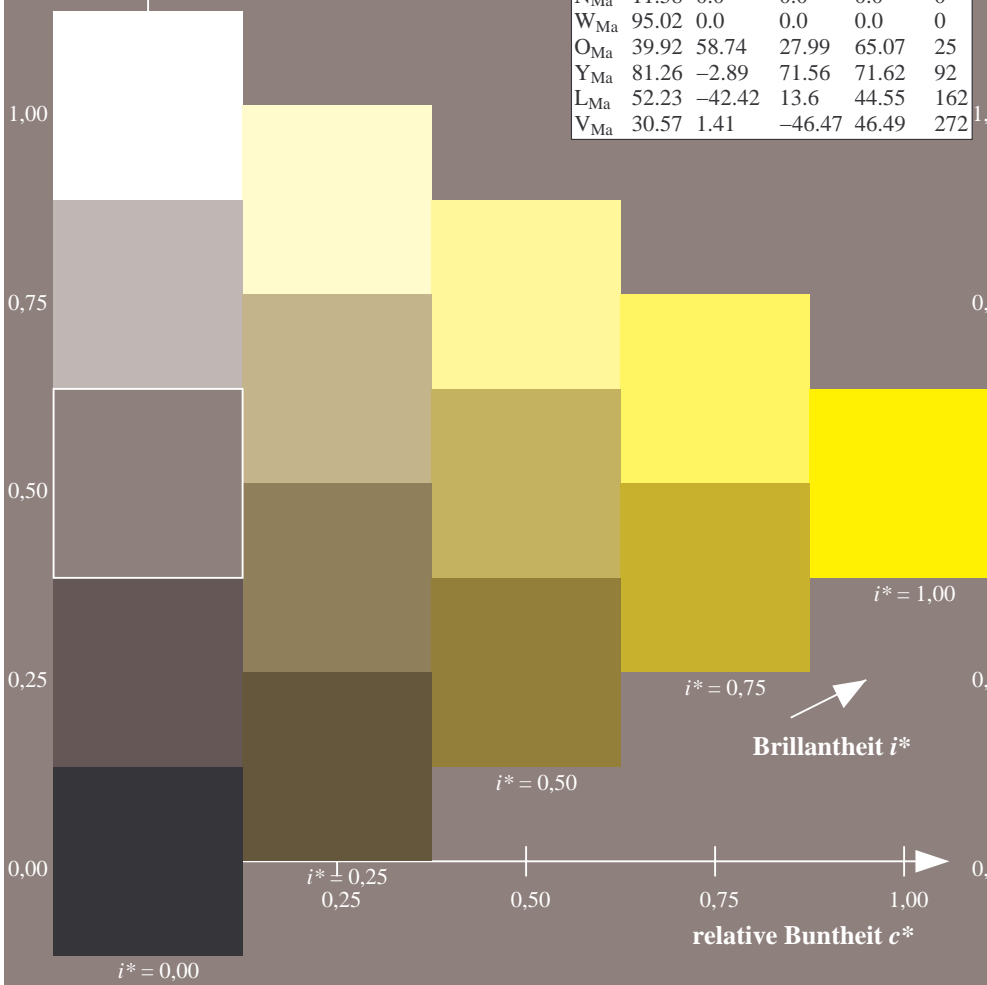
%Regularität

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

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

FRS12\_95a; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
o00y	38.06	60.0	44.0	74.4	36	r16j
o25y	47.68	47.13	56.9	73.88	50	r37j
o50y	57.77	33.62	70.44	78.05	64	r58j
o75y	69.84	17.48	86.62	88.37	79	r79j
y00l	86.77	-5.17	109.32	109.44	93	j0l g
y25l	73.71	-24.12	89.19	92.39	105	j18g
y50l	63.76	-38.55	73.86	83.32	118	j36g
y75l	55.23	-50.92	60.72	79.25	130	j53g
l00c	47.13	-62.67	48.24	79.09	142	j71g
l50c	52.64	-41.0	-3.61	41.16	185	g21b
c00v	55.66	-29.14	-31.99	43.27	228	g60b
c50v	41.87	-0.69	-41.67	41.68	269	g97b
v00m	17.15	50.3	-59.04	77.57	310	b34r
v50m	28.2	63.79	-46.89	79.17	324	b45r
m00o	40.37	78.64	-33.5	85.48	337	b57r
m50o	39.13	68.67	7.94	69.13	7	b83r



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS12\_95a, L\*=12\_95 für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.292$   $u^*_d = y25l$

Daten für jede Farbe:

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

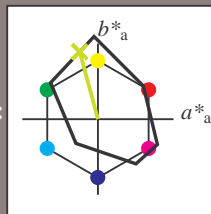
Bunttontexte:

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

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $i^*$



FRS12\_95a; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	38.06	60.0	44.0	74.4	36
Y <sub>Ma</sub>	86.77	-5.17	109.32	109.44	93
L <sub>Ma</sub>	47.13	-62.67	48.24	79.09	142
C <sub>Ma</sub>	55.66	-29.14	-31.99	43.27	228
V <sub>Ma</sub>	17.15	50.3	-59.04	77.57	310
M <sub>Ma</sub>	40.37	78.64	-33.5	85.48	337
N <sub>Ma</sub>	11.58	0.0	0.0	0.0	0
W <sub>Ma</sub>	95.02	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):

$LAB^*LAB^*_{Ma}$ : 74 -24 89

$LAB^*LCH^*_{Ma}$ : 74 92 105

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

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

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 109$

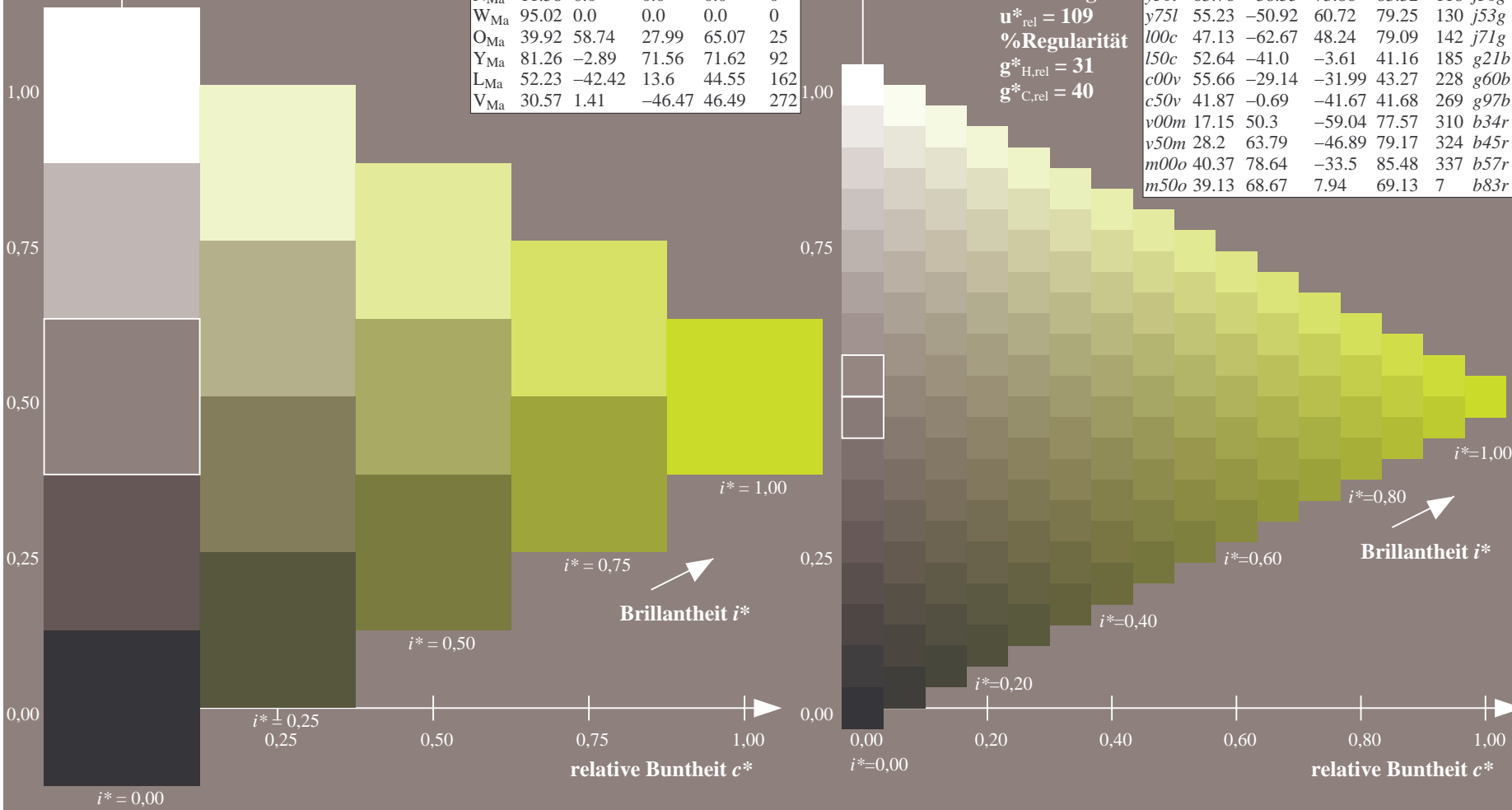
%Regularität

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

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

FRS12\_95a; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
o00y	38.06	60.0	44.0	74.4	36	r16j
o25y	47.68	47.13	56.9	73.88	50	r37j
o50y	57.77	33.62	70.44	78.05	64	r58j
o75y	69.84	17.48	86.62	88.37	79	r79j
y00l	86.77	-5.17	109.32	109.44	93	j01g
y25l	73.71	-24.12	89.19	92.39	105	j18g
y50l	63.76	-38.55	73.86	83.32	118	j36g
y75l	55.23	-50.92	60.72	79.25	130	j53g
l00c	47.13	-62.67	48.24	79.09	142	j71g
l50c	52.64	-41.0	-3.61	41.16	185	g21b
c00v	55.66	-29.14	-31.99	43.27	228	g60b
c50v	41.87	-0.69	-41.67	41.68	269	g97b
v00m	17.15	50.3	-59.04	77.57	310	b34r
v50m	28.2	63.79	-46.89	79.17	324	b45r
m00o	40.37	78.64	-33.5	85.48	337	b57r
m50o	39.13	68.67	7.94	69.13	7	b83r



Ein und Ausgabe: Farbmimetrisches Drucker-Reflektiv-System FRS12\_95a, L\*=12\_95 für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.327$   $u^*_d = y50l$

Daten für jede Farbe:

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

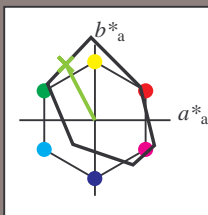
Bunttontexte:

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

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $i^*$



FRS12\_95a; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	38.06	60.0	44.0	74.4	36
Y <sub>Ma</sub>	86.77	-5.17	109.32	109.44	93
L <sub>Ma</sub>	47.13	-62.67	48.24	79.09	142
C <sub>Ma</sub>	55.66	-29.14	-31.99	43.27	228
V <sub>Ma</sub>	17.15	50.3	-59.04	77.57	310
M <sub>Ma</sub>	40.37	78.64	-33.5	85.48	337
N <sub>Ma</sub>	11.58	0.0	0.0	0.0	0
W <sub>Ma</sub>	95.02	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):

$LAB^*LAB^*_{Ma}$ : 64 -39 74

$LAB^*LCH^*_{Ma}$ : 64 83 117

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

$lab^*rgb^*_{Ma}$ : 0.64 1.0 0.0

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 109$

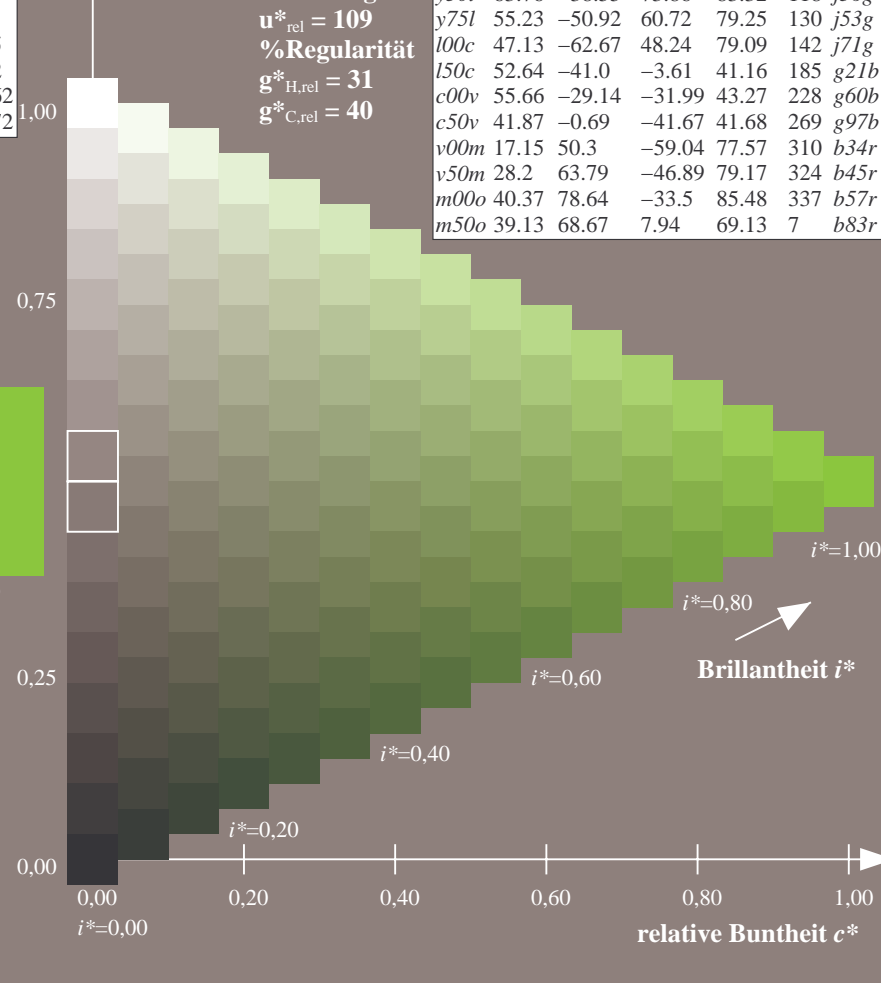
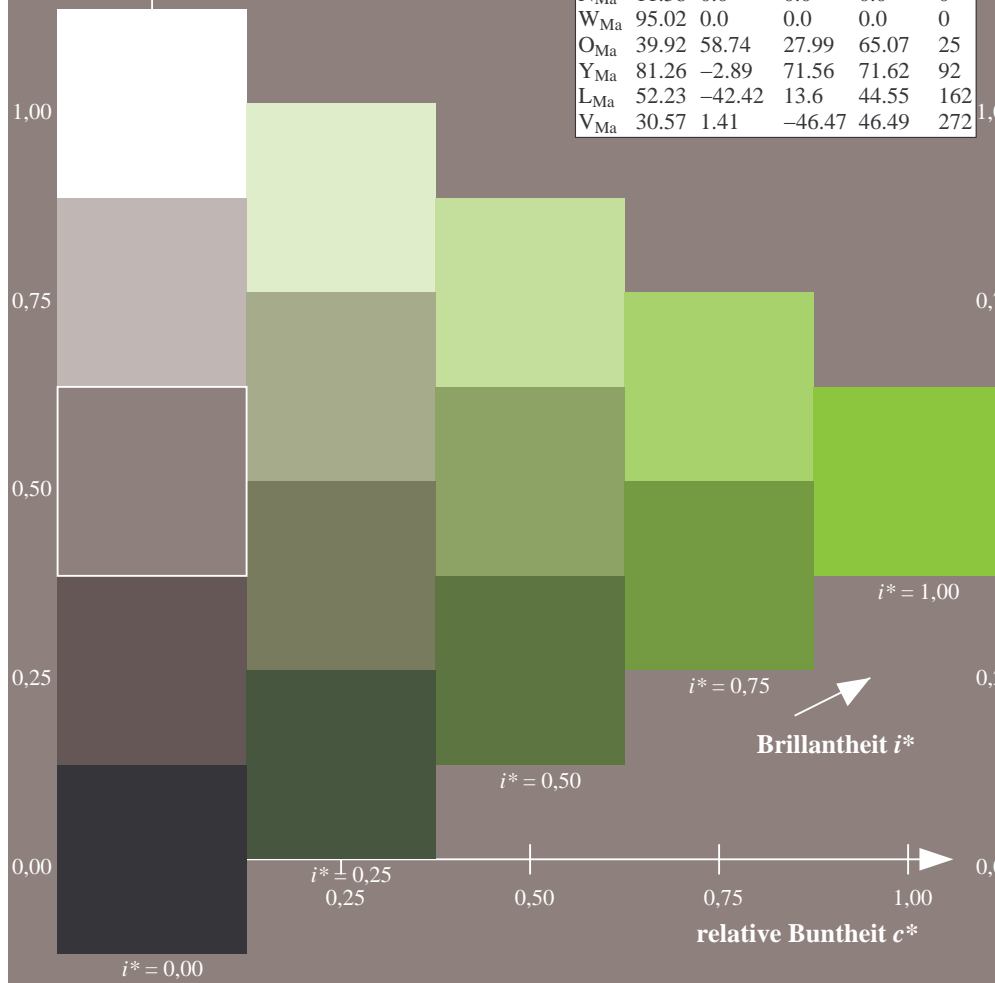
%Regularität

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

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

FRS12\_95a; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
o00y	38.06	60.0	44.0	74.4	36	r16j
o25y	47.68	47.13	56.9	73.88	50	r37j
o50y	57.77	33.62	70.44	78.05	64	r58j
o75y	69.84	17.48	86.62	88.37	79	r79j
y00l	86.77	-5.17	109.32	109.44	93	j01g
y25l	73.71	-24.12	89.19	92.39	105	j18g
y50l	63.76	-38.55	73.86	83.32	118	j36g
y75l	55.23	-50.92	60.72	79.25	130	j53g
l00c	47.13	-62.67	48.24	79.09	142	j71g
l50c	52.64	-41.0	-3.61	41.16	185	g21b
c00v	55.66	-29.14	-31.99	43.27	228	g60b
c50v	41.87	-0.69	-41.67	41.68	269	g97b
v00m	17.15	50.3	-59.04	77.57	310	b34r
v50m	28.2	63.79	-46.89	79.17	324	b45r
m00o	40.37	78.64	-33.5	85.48	337	b57r
m50o	39.13	68.67	7.94	69.13	7	b83r



Ein und Ausgabe: Farbmimetrisches Drucker-Reflektiv-System FRS12\_95a, L\*=12\_95 für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.361$   $u^*_d = y75l$

Daten für jede Farbe:

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

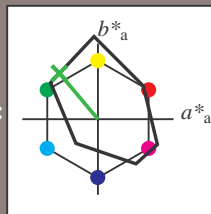
Bunttontexte:

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

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $i^*$



FRS12\_95a; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	38.06	60.0	44.0	74.4	36
Y <sub>Ma</sub>	86.77	-5.17	109.32	109.44	93
L <sub>Ma</sub>	47.13	-62.67	48.24	79.09	142
C <sub>Ma</sub>	55.66	-29.14	-31.99	43.27	228
V <sub>Ma</sub>	17.15	50.3	-59.04	77.57	310
M <sub>Ma</sub>	40.37	78.64	-33.5	85.48	337
N <sub>Ma</sub>	11.58	0.0	0.0	0.0	0
W <sub>Ma</sub>	95.02	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 -51 61

$LAB^*LCH^*_{Ma}$ : 55 79 129

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

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

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 109$

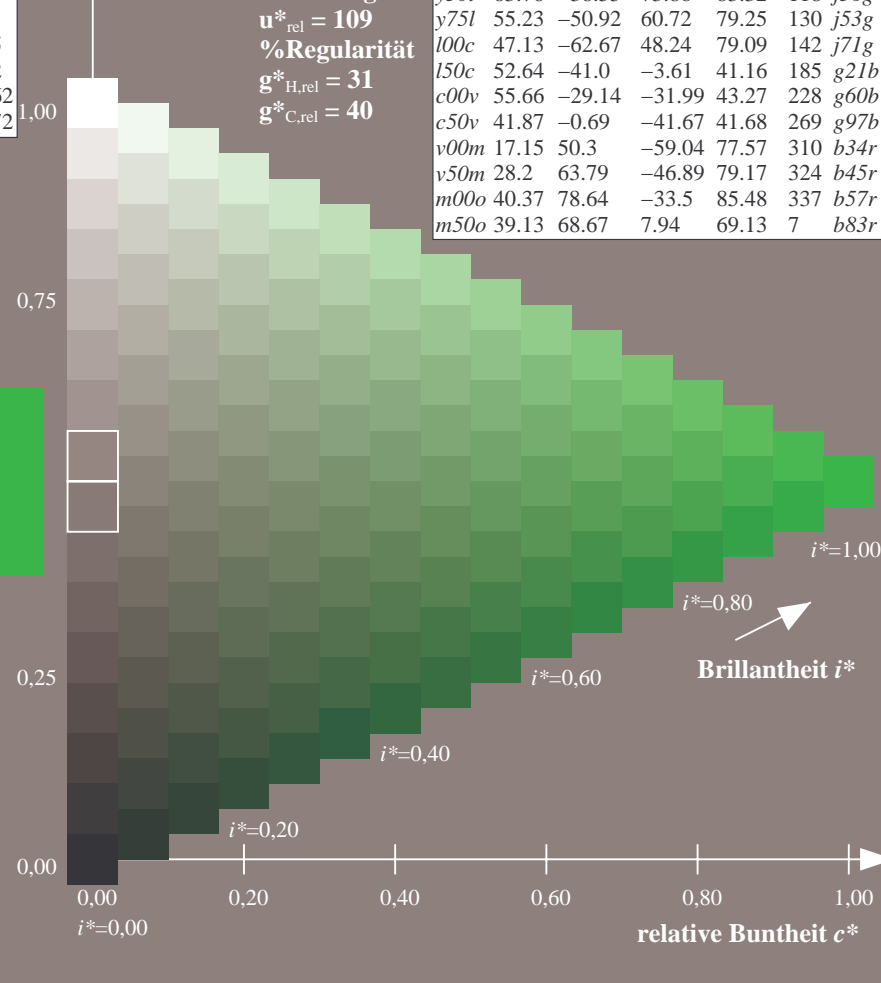
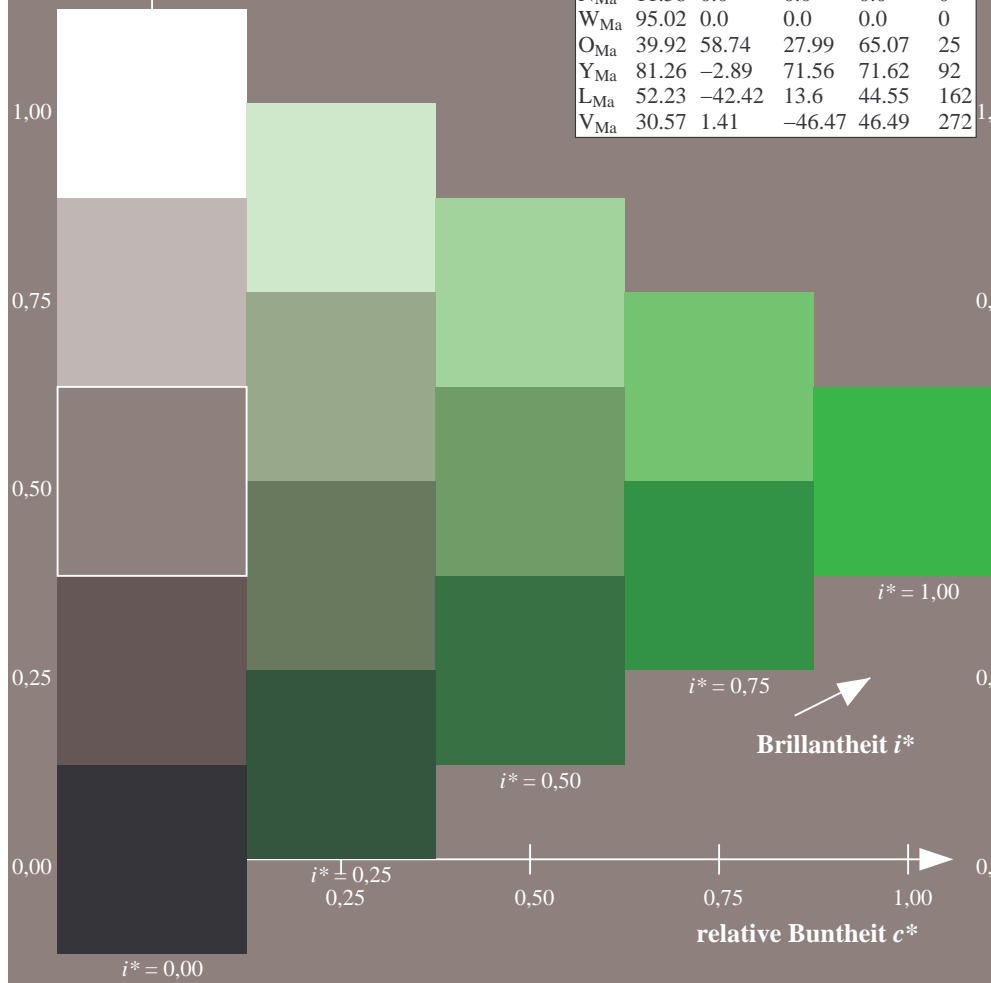
%Regularität

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

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

FRS12\_95a; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
o00y	38.06	60.0	44.0	74.4	36	r16j
o25y	47.68	47.13	56.9	73.88	50	r37j
o50y	57.77	33.62	70.44	78.05	64	r58j
o75y	69.84	17.48	86.62	88.37	79	r79j
y00l	86.77	-5.17	109.32	109.44	93	j01g
y25l	73.71	-24.12	89.19	92.39	105	j18g
y50l	63.76	-38.55	73.86	83.32	118	j36g
y75l	55.23	-50.92	60.72	79.25	130	j53g
l00c	47.13	-62.67	48.24	79.09	142	j71g
l50c	52.64	-41.0	-3.61	41.16	185	g21b
c00v	55.66	-29.14	-31.99	43.27	228	g60b
c50v	41.87	-0.69	-41.67	41.68	269	g97b
v00m	17.15	50.3	-59.04	77.57	310	b34r
v50m	28.2	63.79	-46.89	79.17	324	b45r
m00o	40.37	78.64	-33.5	85.48	337	b57r
m50o	39.13	68.67	7.94	69.13	7	b83r



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS12\_95a, L\*=12\_95 für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.396$   $u^*_d = 100c$

Daten für jede Farbe:

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

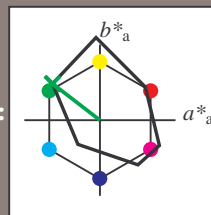
Bunttontexte:

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

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $i^*$



FRS12\_95a; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	38.06	60.0	44.0	74.4	36
Y <sub>Ma</sub>	86.77	-5.17	109.32	109.44	93
L <sub>Ma</sub>	47.13	-62.67	48.24	79.09	142
C <sub>Ma</sub>	55.66	-29.14	-31.99	43.27	228
V <sub>Ma</sub>	17.15	50.3	-59.04	77.57	310
M <sub>Ma</sub>	40.37	78.64	-33.5	85.48	337
N <sub>Ma</sub>	11.58	0.0	0.0	0.0	0
W <sub>Ma</sub>	95.02	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 -63 48

$LAB^*LCH^*_{Ma}$ : 47 79 142

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

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

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 109$

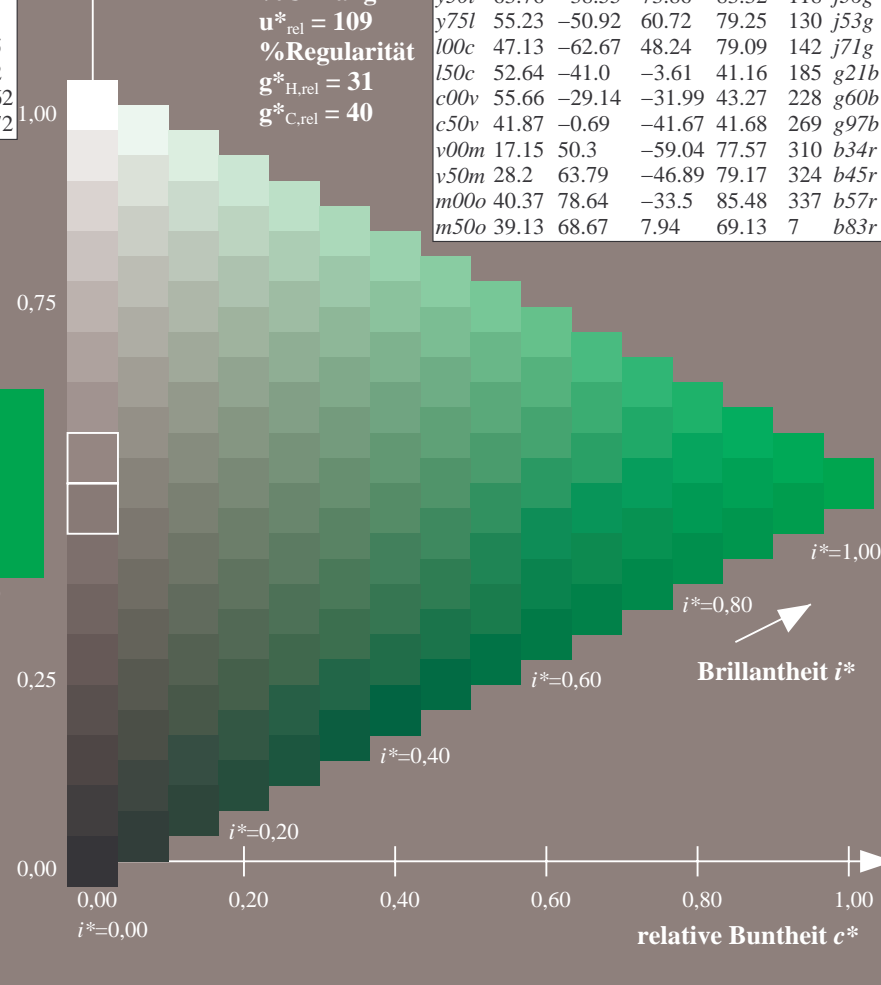
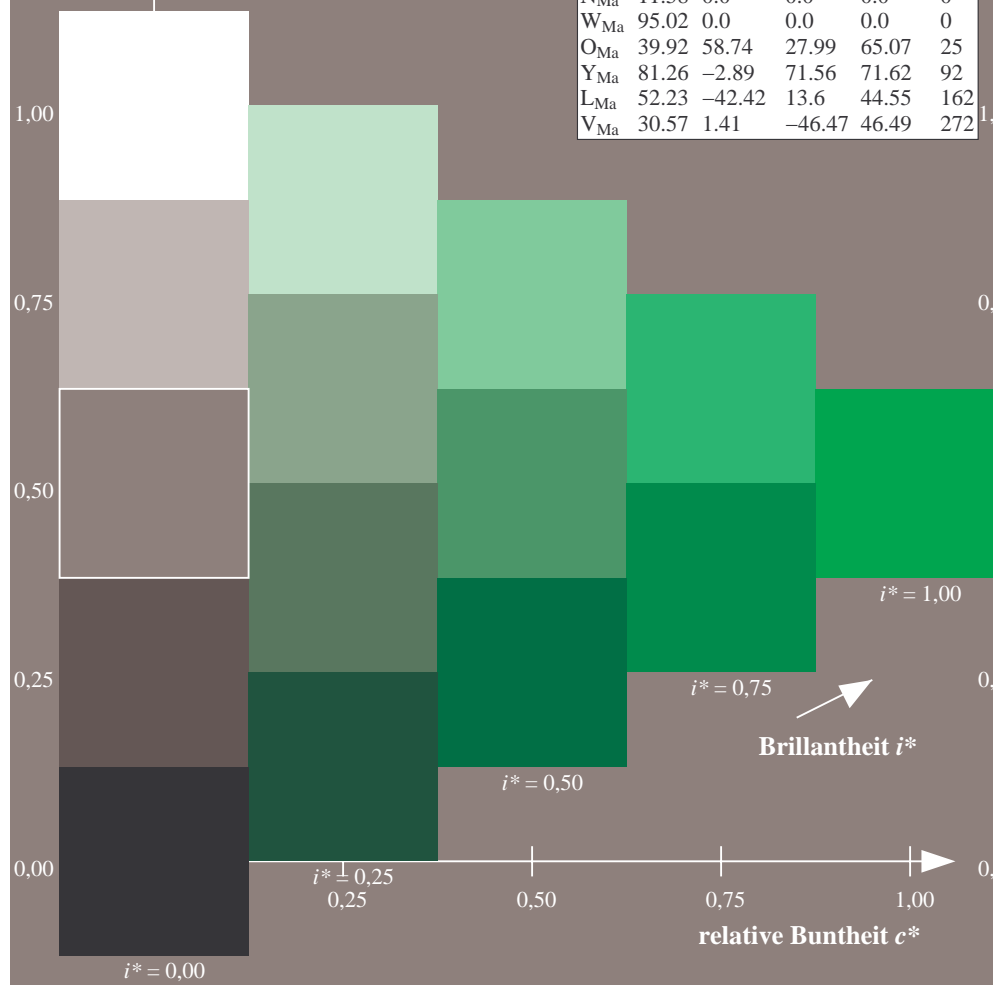
%Regularität

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

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

FRS12\_95a; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
<i>o00y</i>	38.06	60.0	44.0	74.4	36	<i>r16j</i>
<i>o25y</i>	47.68	47.13	56.9	73.88	50	<i>r37j</i>
<i>o50y</i>	57.77	33.62	70.44	78.05	64	<i>r58j</i>
<i>o75y</i>	69.84	17.48	86.62	88.37	79	<i>r79j</i>
<i>y00l</i>	86.77	-5.17	109.32	109.44	93	<i>j01g</i>
<i>y25l</i>	73.71	-24.12	89.19	92.39	105	<i>j18g</i>
<i>y50l</i>	63.76	-38.55	73.86	83.32	118	<i>j36g</i>
<i>y75l</i>	55.23	-50.92	60.72	79.25	130	<i>j53g</i>
<i>l00c</i>	47.13	-62.67	48.24	79.09	142	<i>j71g</i>
<i>l50c</i>	52.64	-41.0	-3.61	41.16	185	<i>g21b</i>
<i>c00v</i>	55.66	-29.14	-31.99	43.27	228	<i>g60b</i>
<i>c50v</i>	41.87	-0.69	-41.67	41.68	269	<i>g97b</i>
<i>v00m</i>	17.15	50.3	-59.04	77.57	310	<i>b34r</i>
<i>v50m</i>	28.2	63.79	-46.89	79.17	324	<i>b45r</i>
<i>m00o</i>	40.37	78.64	-33.5	85.48	337	<i>b57r</i>
<i>m50o</i>	39.13	68.67	7.94	69.13	7	<i>b83r</i>





Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS12\_95a, L\*=12\_95 für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.514$   $u^*_d = l50c$

Daten für jede Farbe:

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

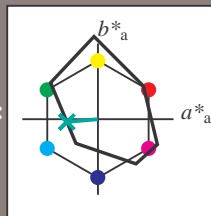
Bunttonexte:

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

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $i^*$



FRS12\_95a; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	38.06	60.0	44.0	74.4	36
Y <sub>Ma</sub>	86.77	-5.17	109.32	109.44	93
L <sub>Ma</sub>	47.13	-62.67	48.24	79.09	142
C <sub>Ma</sub>	55.66	-29.14	-31.99	43.27	228
V <sub>Ma</sub>	17.15	50.3	-59.04	77.57	310
M <sub>Ma</sub>	40.37	78.64	-33.5	85.48	337
N <sub>Ma</sub>	11.58	0.0	0.0	0.0	0
W <sub>Ma</sub>	95.02	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):

$LAB^*LAB^*_{Ma}$ : 53 -41 -4

$LAB^*LCH^*_{Ma}$ : 53 41 185

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

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

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 109$

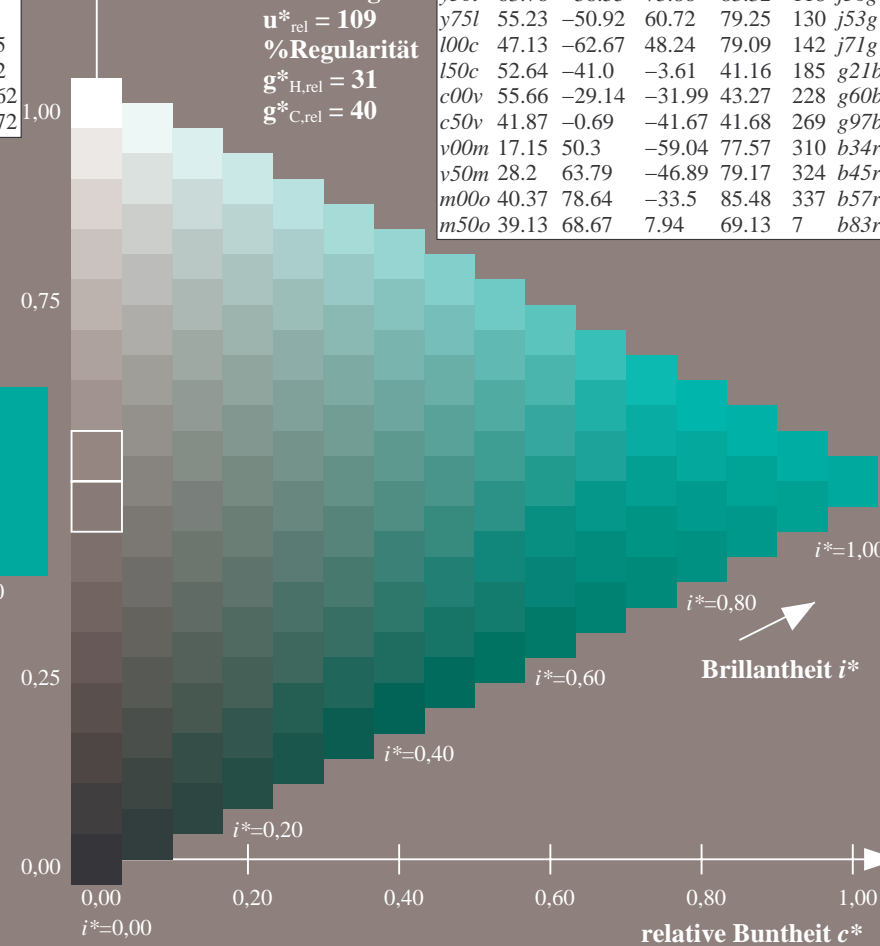
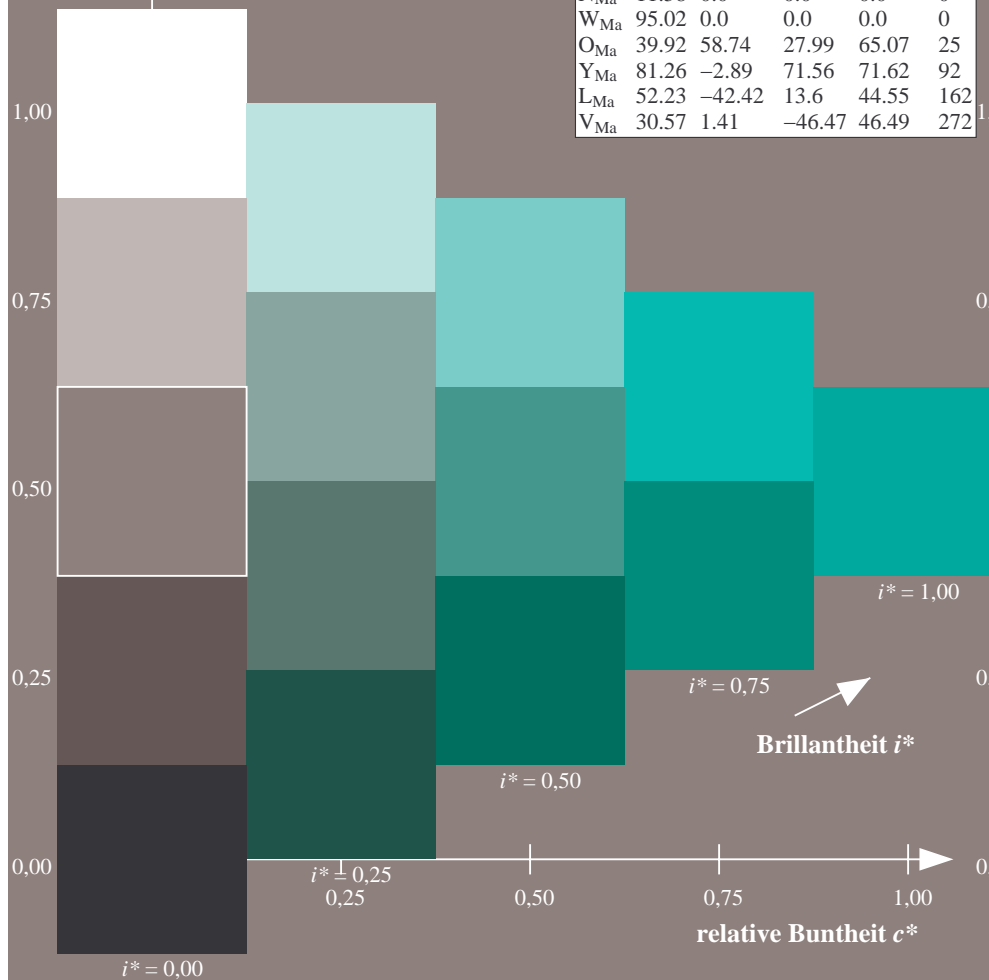
%Regularität

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

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

FRS12\_95a; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
o00y	38.06	60.0	44.0	74.4	36	r16j
o25y	47.68	47.13	56.9	73.88	50	r37j
o50y	57.77	33.62	70.44	78.05	64	r58j
o75y	69.84	17.48	86.62	88.37	79	r79j
y00l	86.77	-5.17	109.32	109.44	93	j01g
y25l	73.71	-24.12	89.19	92.39	105	j18g
y50l	63.76	-38.55	73.86	83.32	118	j36g
y75l	55.23	-50.92	60.72	79.25	130	j53g
l00c	47.13	-62.67	48.24	79.09	142	j71g
l50c	52.64	-41.0	-3.61	41.16	185	g21b
c00v	55.66	-29.14	-31.99	43.27	228	g60b
c50v	41.87	-0.69	-41.67	41.68	269	g97b
v00m	17.15	50.3	-59.04	77.57	310	b34r
v50m	28.2	63.79	-46.89	79.17	324	b45r
m00o	40.37	78.64	-33.5	85.48	337	b57r
m50o	39.13	68.67	7.94	69.13	7	b83r



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS12\_95a, L\*=12\_95 für relative CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.632$   $u^*_d = c00v$

Daten für jede Farbe:

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

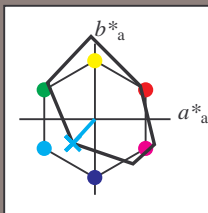
Bunttontexte:

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

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $i^*$



FRS12\_95a; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	38.06	60.0	44.0	74.4	36
Y <sub>Ma</sub>	86.77	-5.17	109.32	109.44	93
L <sub>Ma</sub>	47.13	-62.67	48.24	79.09	142
C <sub>Ma</sub>	55.66	-29.14	-31.99	43.27	228
V <sub>Ma</sub>	17.15	50.3	-59.04	77.57	310
M <sub>Ma</sub>	40.37	78.64	-33.5	85.48	337
N <sub>Ma</sub>	11.58	0.0	0.0	0.0	0
W <sub>Ma</sub>	95.02	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):

$LAB^*LAB^*_{Ma}$ : 56 -29 -32

$LAB^*LCH^*_{Ma}$ : 56 43 227

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

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

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 109$

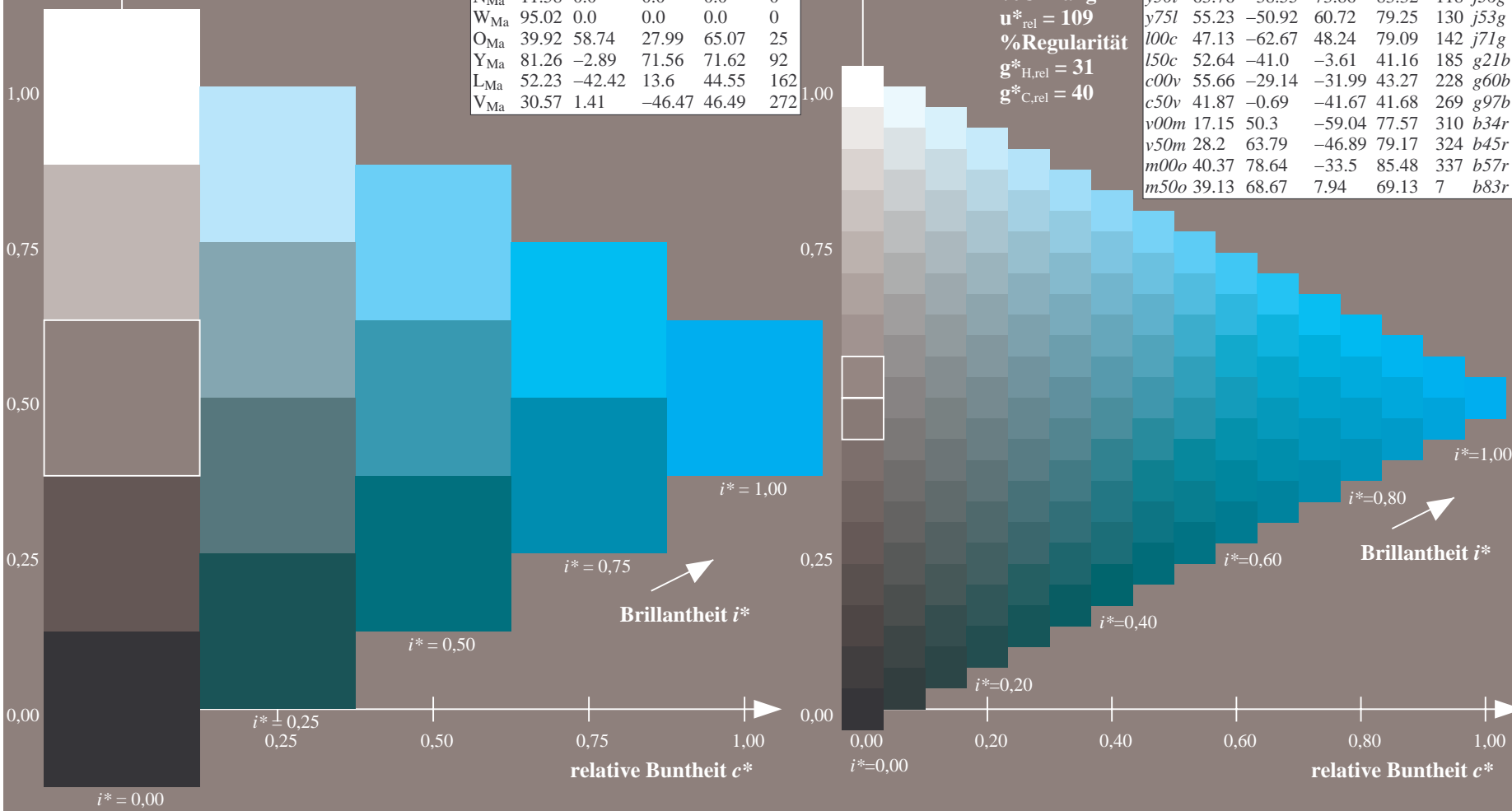
%Regularität

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

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

FRS12\_95a; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
o00y	38.06	60.0	44.0	74.4	36	r16j
o25y	47.68	47.13	56.9	73.88	50	r37j
o50y	57.77	33.62	70.44	78.05	64	r58j
o75y	69.84	17.48	86.62	88.37	79	r79j
y00l	86.77	-5.17	109.32	109.44	93	j01g
y25l	73.71	-24.12	89.19	92.39	105	j18g
y50l	63.76	-38.55	73.86	83.32	118	j36g
y75l	55.23	-50.92	60.72	79.25	130	j53g
l00c	47.13	-62.67	48.24	79.09	142	j71g
l50c	52.64	-41.0	-3.61	41.16	185	g21b
c00v	55.66	-29.14	-31.99	43.27	228	g60b
c50v	41.87	-0.69	-41.67	41.68	269	g97b
v00m	17.15	50.3	-59.04	77.57	310	b34r
v50m	28.2	63.79	-46.89	79.17	324	b45r
m00o	40.37	78.64	-33.5	85.48	337	b57r
m50o	39.13	68.67	7.94	69.13	7	b83r



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS12\_95a, L\*=12\_95 für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.747$   $u^*_d = c50v$

Daten für jede Farbe:

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

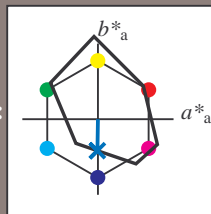
Bunttontexte:

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

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $i^*$



FRS12\_95a; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	38.06	60.0	44.0	74.4	36
Y <sub>Ma</sub>	86.77	-5.17	109.32	109.44	93
L <sub>Ma</sub>	47.13	-62.67	48.24	79.09	142
C <sub>Ma</sub>	55.66	-29.14	-31.99	43.27	228
V <sub>Ma</sub>	17.15	50.3	-59.04	77.57	310
M <sub>Ma</sub>	40.37	78.64	-33.5	85.48	337
N <sub>Ma</sub>	11.58	0.0	0.0	0.0	0
W <sub>Ma</sub>	95.02	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 -42

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

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

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

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 109$

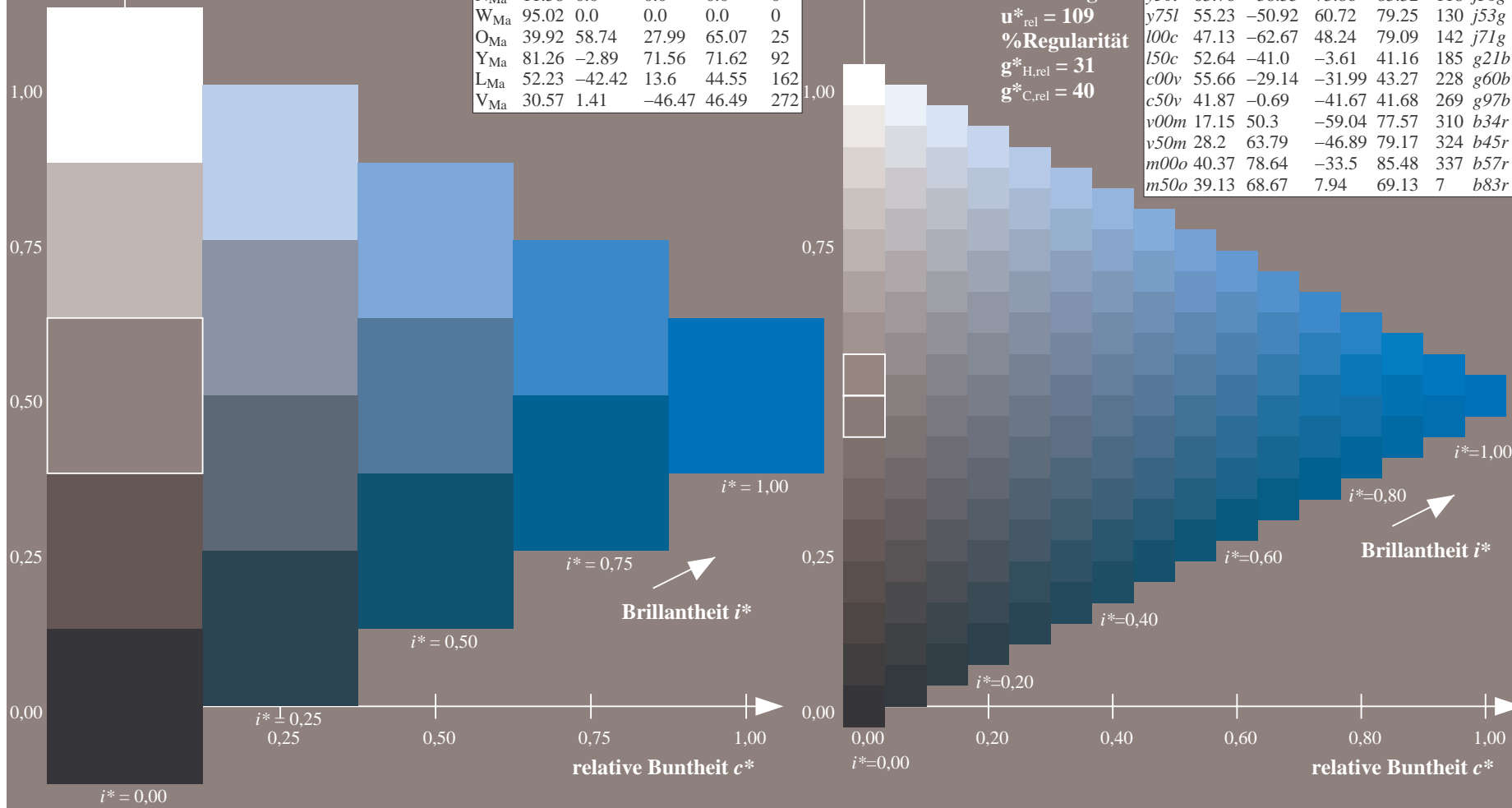
%Regularität

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

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

FRS12\_95a; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
o00y	38.06	60.0	44.0	74.4	36	r16j
o25y	47.68	47.13	56.9	73.88	50	r37j
o50y	57.77	33.62	70.44	78.05	64	r58j
o75y	69.84	17.48	86.62	88.37	79	r79j
y00l	86.77	-5.17	109.32	109.44	93	j01g
y25l	73.71	-24.12	89.19	92.39	105	j18g
y50l	63.76	-38.55	73.86	83.32	118	j36g
y75l	55.23	-50.92	60.72	79.25	130	j53g
l00c	47.13	-62.67	48.24	79.09	142	j71g
l50c	52.64	-41.0	-3.61	41.16	185	g21b
c00v	55.66	-29.14	-31.99	43.27	228	g60b
c50v	41.87	-0.69	-41.67	41.68	269	g97b
v00m	17.15	50.3	-59.04	77.57	310	b34r
v50m	28.2	63.79	-46.89	79.17	324	b45r
m00o	40.37	78.64	-33.5	85.48	337	b57r
m50o	39.13	68.67	7.94	69.13	7	b83r



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS12\_95a, L\*=12\_95 für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.862$   $u^*_d = v00m$

Daten für jede Farbe:

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

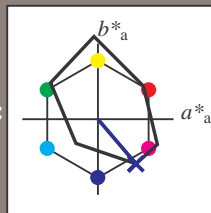
Bunttontexte:

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

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $i^*$



FRS12\_95a; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	38.06	60.0	44.0	74.4	36
Y <sub>Ma</sub>	86.77	-5.17	109.32	109.44	93
L <sub>Ma</sub>	47.13	-62.67	48.24	79.09	142
C <sub>Ma</sub>	55.66	-29.14	-31.99	43.27	228
V <sub>Ma</sub>	17.15	50.3	-59.04	77.57	310
M <sub>Ma</sub>	40.37	78.64	-33.5	85.48	337
N <sub>Ma</sub>	11.58	0.0	0.0	0.0	0
W <sub>Ma</sub>	95.02	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):

$LAB^*LAB^*Ma$ : 17 50 -59

$LAB^*LCH^*Ma$ : 17 78 310

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

$lab^*rgb^*Ma$ : 0.68 0.0 1.0

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 109$

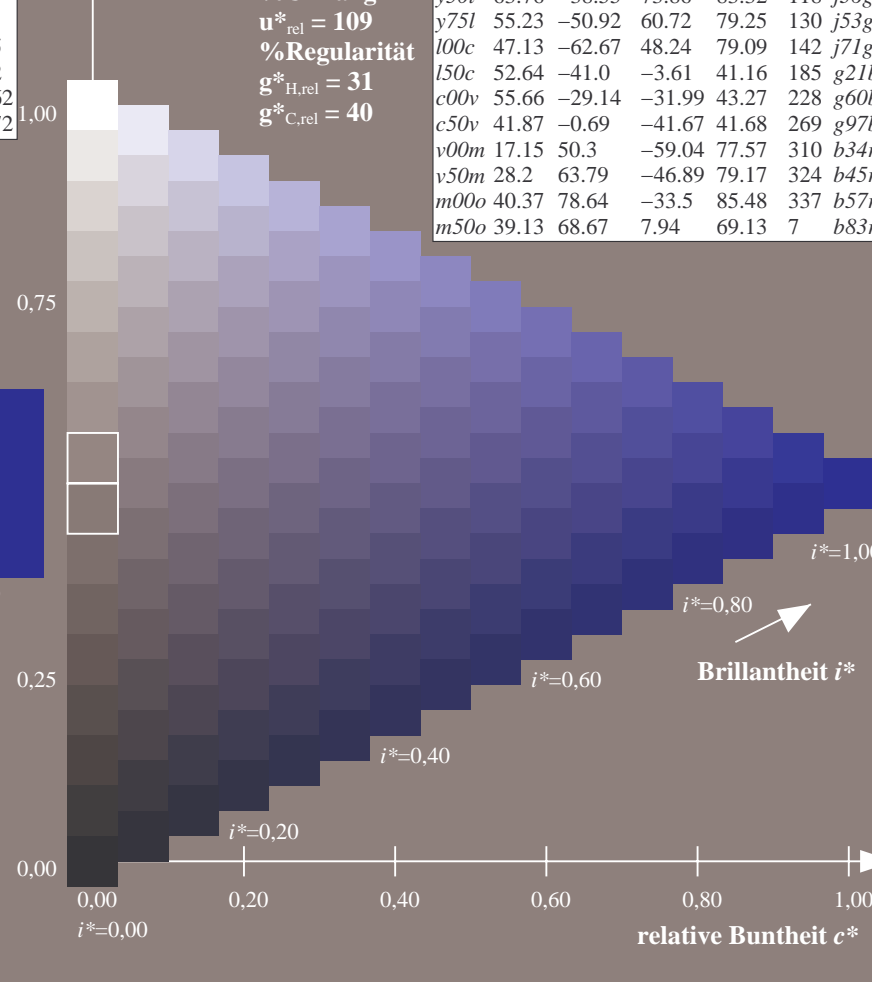
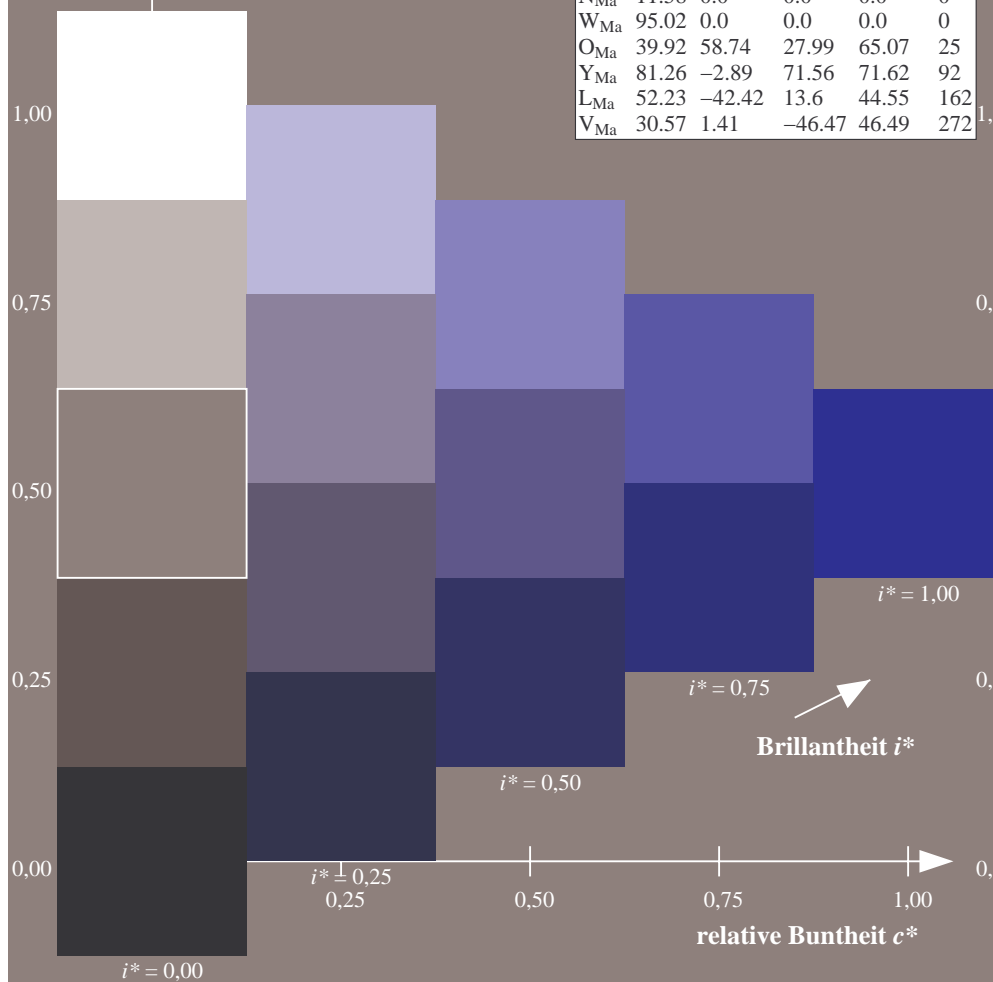
%Regularität

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

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

FRS12\_95a; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
o00y	38.06	60.0	44.0	74.4	36	r16j
o25y	47.68	47.13	56.9	73.88	50	r37j
o50y	57.77	33.62	70.44	78.05	64	r58j
o75y	69.84	17.48	86.62	88.37	79	r79j
y00l	86.77	-5.17	109.32	109.44	93	j01g
y25l	73.71	-24.12	89.19	92.39	105	j18g
y50l	63.76	-38.55	73.86	83.32	118	j36g
y75l	55.23	-50.92	60.72	79.25	130	j53g
l00c	47.13	-62.67	48.24	79.09	142	j71g
l50c	52.64	-41.0	-3.61	41.16	185	g21b
c00v	55.66	-29.14	-31.99	43.27	228	g60b
c50v	41.87	-0.69	-41.67	41.68	269	g97b
v00m	17.15	50.3	-59.04	77.57	310	b34r
v50m	28.2	63.79	-46.89	79.17	324	b45r
m00o	40.37	78.64	-33.5	85.48	337	b57r
m50o	39.13	68.67	7.94	69.13	7	b83r



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS12\_95a, L\*=12\_95 für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.899$   $u^*_d = v50m$

Daten für jede Farbe:

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

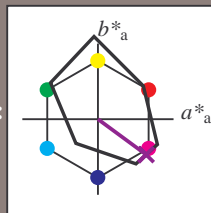
Bunttontexte:

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

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $i^*$



FRS12\_95a; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	38.06	60.0	44.0	74.4	36
Y <sub>Ma</sub>	86.77	-5.17	109.32	109.44	93
L <sub>Ma</sub>	47.13	-62.67	48.24	79.09	142
C <sub>Ma</sub>	55.66	-29.14	-31.99	43.27	228
V <sub>Ma</sub>	17.15	50.3	-59.04	77.57	310
M <sub>Ma</sub>	40.37	78.64	-33.5	85.48	337
N <sub>Ma</sub>	11.58	0.0	0.0	0.0	0
W <sub>Ma</sub>	95.02	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):

$LAB^*LAB^*_{Ma}$ : 28 64 -47

$LAB^*LCH^*_{Ma}$ : 28 79 323

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

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

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 109$

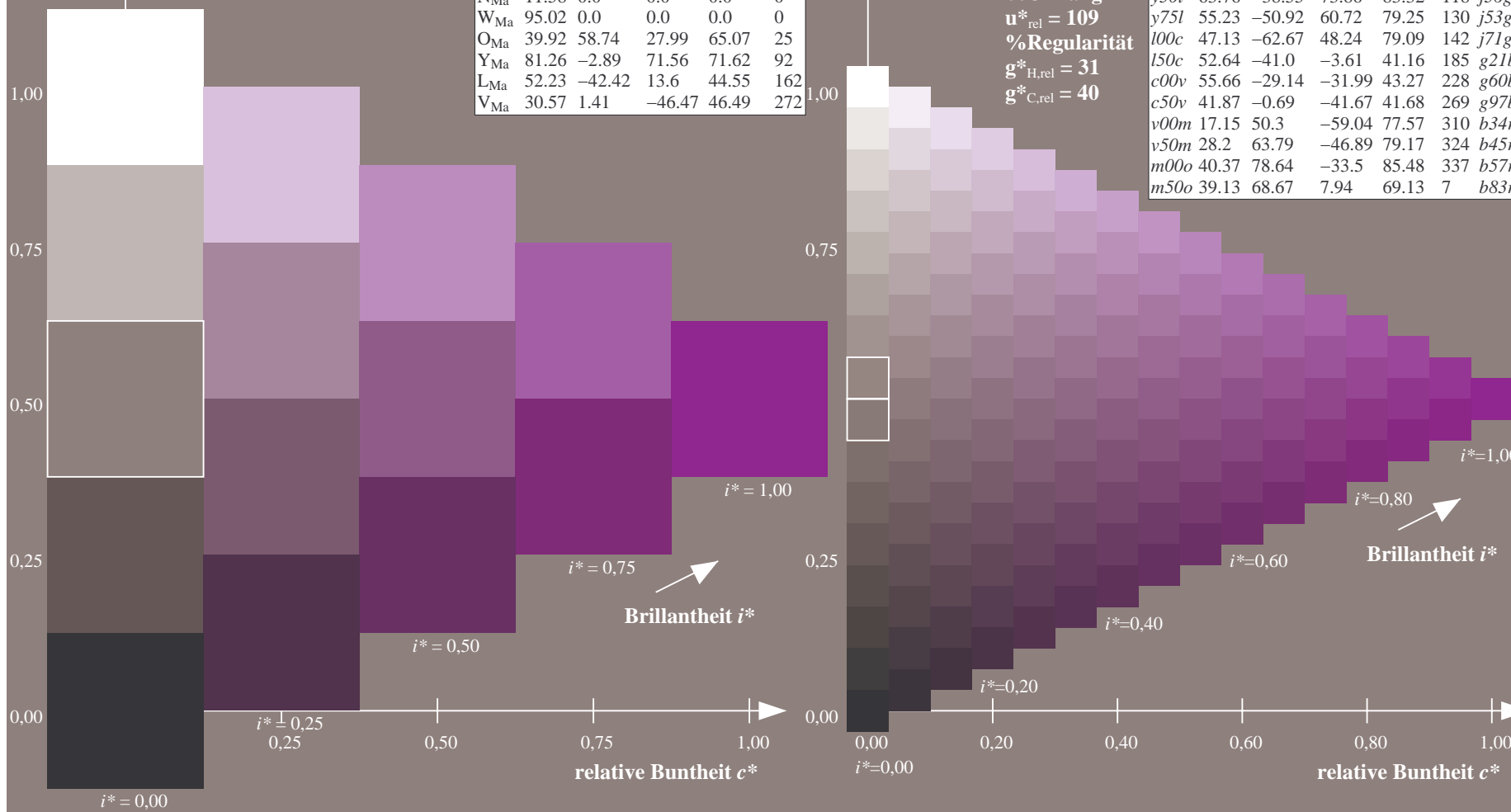
%Regularität

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

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

FRS12\_95a; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
o00y	38.06	60.0	44.0	74.4	36	r16j
o25y	47.68	47.13	56.9	73.88	50	r37j
o50y	57.77	33.62	70.44	78.05	64	r58j
o75y	69.84	17.48	86.62	88.37	79	r79j
y00l	86.77	-5.17	109.32	109.44	93	j01g
y25l	73.71	-24.12	89.19	92.39	105	j18g
y50l	63.76	-38.55	73.86	83.32	118	j36g
y75l	55.23	-50.92	60.72	79.25	130	j53g
l00c	47.13	-62.67	48.24	79.09	142	j71g
l50c	52.64	-41.0	-3.61	41.16	185	g21b
c00v	55.66	-29.14	-31.99	43.27	228	g60b
c50v	41.87	-0.69	-41.67	41.68	269	g97b
v00m	17.15	50.3	-59.04	77.57	310	b34r
v50m	28.2	63.79	-46.89	79.17	324	b45r
m00o	40.37	78.64	-33.5	85.48	337	b57r
m50o	39.13	68.67	7.94	69.13	7	b83r



Ein und Ausgabe: Farbmimetrisches Drucker-Reflektiv-System FRS12\_95a, L\*=12\_95 für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.936$   $u^*_d = m00o$

Daten für jede Farbe:

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

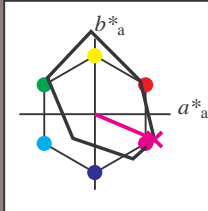
Bunttontexte:

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

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $i^*$



FRS12_95a; adaptierte CIELAB-Daten						
$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	
O <sub>Ma</sub>	38.06	60.0	44.0	74.4	36	
Y <sub>Ma</sub>	86.77	-5.17	109.32	109.44	93	
L <sub>Ma</sub>	47.13	-62.67	48.24	79.09	142	
C <sub>Ma</sub>	55.66	-29.14	-31.99	43.27	228	
V <sub>Ma</sub>	17.15	50.3	-59.04	77.57	310	
M <sub>Ma</sub>	40.37	78.64	-33.5	85.48	337	
N <sub>Ma</sub>	11.58	0.0	0.0	0.0	0	
W <sub>Ma</sub>	95.02	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 79 -34

$LAB^*LCH^*_{Ma}$ : 40 85 336

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

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

Dreiecks-Helligkeit  $i^*$

%Umfang

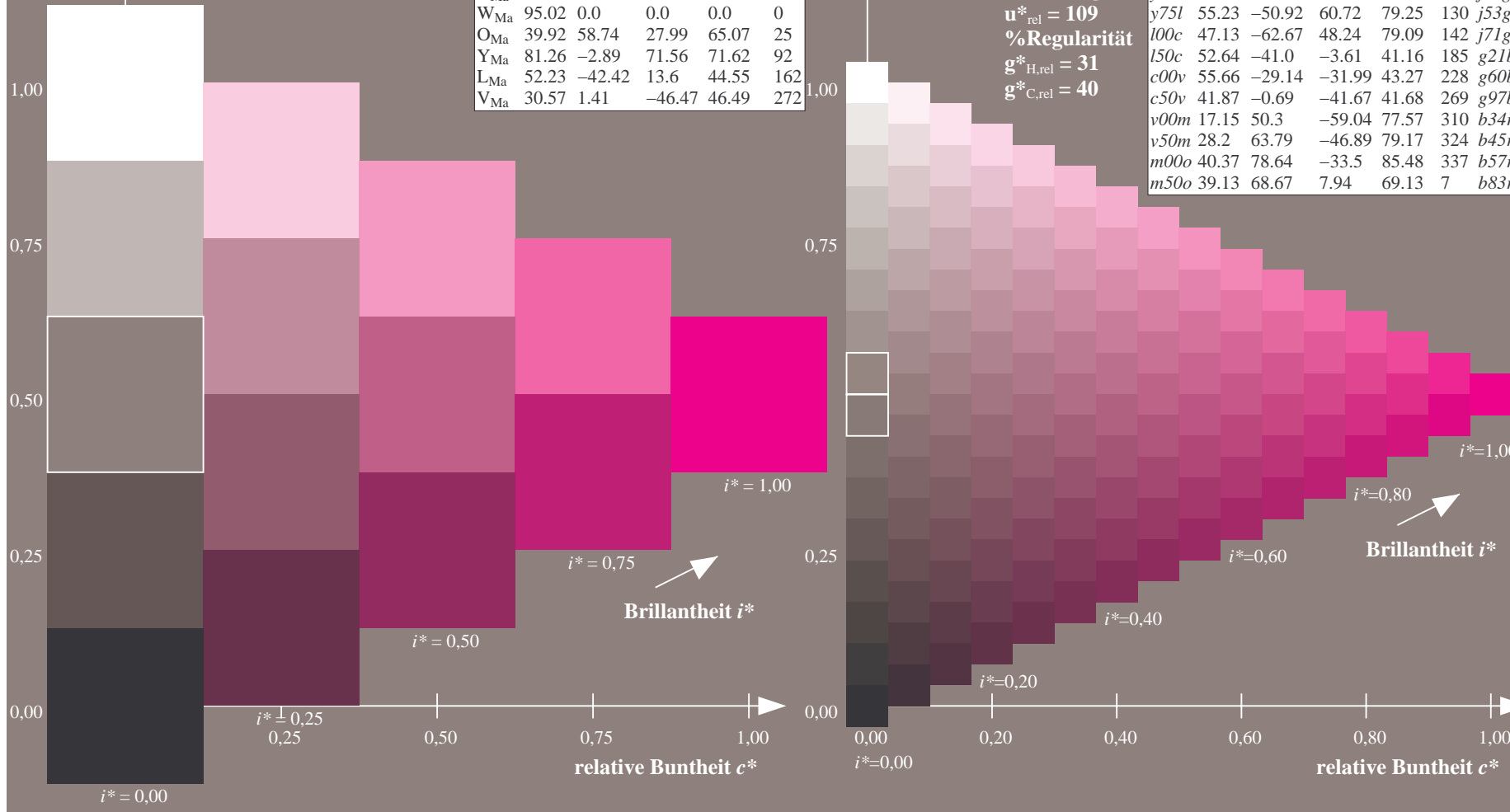
$u^*_{rel} = 109$

%Regularität

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

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

FRS12_95a; adaptierte CIELAB-Daten									
$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$			
o00y	38.06	60.0	44.0	74.4	36	r16j			
o25y	47.68	47.13	56.9	73.88	50	r37j			
o50y	57.77	33.62	70.44	78.05	64	r58j			
o75y	69.84	17.48	86.62	88.37	79	r79j			
y00l	86.77	-5.17	109.32	109.44	93	j01g			
y25l	73.71	-24.12	89.19	92.39	105	j18g			
y50l	63.76	-38.55	73.86	83.32	118	j36g			
y75l	55.23	-50.92	60.72	79.25	130	j53g			
l00c	47.13	-62.67	48.24	79.09	142	j71g			
l50c	52.64	-41.0	-3.61	41.16	185	g21b			
c00v	55.66	-29.14	-31.99	43.27	228	g60b			
c50v	41.87	-0.69	-41.67	41.68	269	g97b			
v00m	17.15	50.3	-59.04	77.57	310	b34r			
v50m	28.2	63.79	-46.89	79.17	324	b45r			
m00o	40.37	78.64	-33.5	85.48	337	b57r			
m50o	39.13	68.67	7.94	69.13	7	b83r			





Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS12\_95a, L\*=12\_95 für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.018$   $u^*_d = m50o$

Daten für jede Farbe:

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

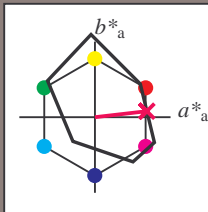
Bunttontexte:

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

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $i^*$



FRS12\_95a; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	38.06	60.0	44.0	74.4	36
Y <sub>Ma</sub>	86.77	-5.17	109.32	109.44	93
L <sub>Ma</sub>	47.13	-62.67	48.24	79.09	142
C <sub>Ma</sub>	55.66	-29.14	-31.99	43.27	228
V <sub>Ma</sub>	17.15	50.3	-59.04	77.57	310
M <sub>Ma</sub>	40.37	78.64	-33.5	85.48	337
N <sub>Ma</sub>	11.58	0.0	0.0	0.0	0
W <sub>Ma</sub>	95.02	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 69 8

$LAB^*LCH^*Ma$ : 39 69 6

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

$lab^*rgb^*Ma$ : 1.0 0.0 0.33

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 109$

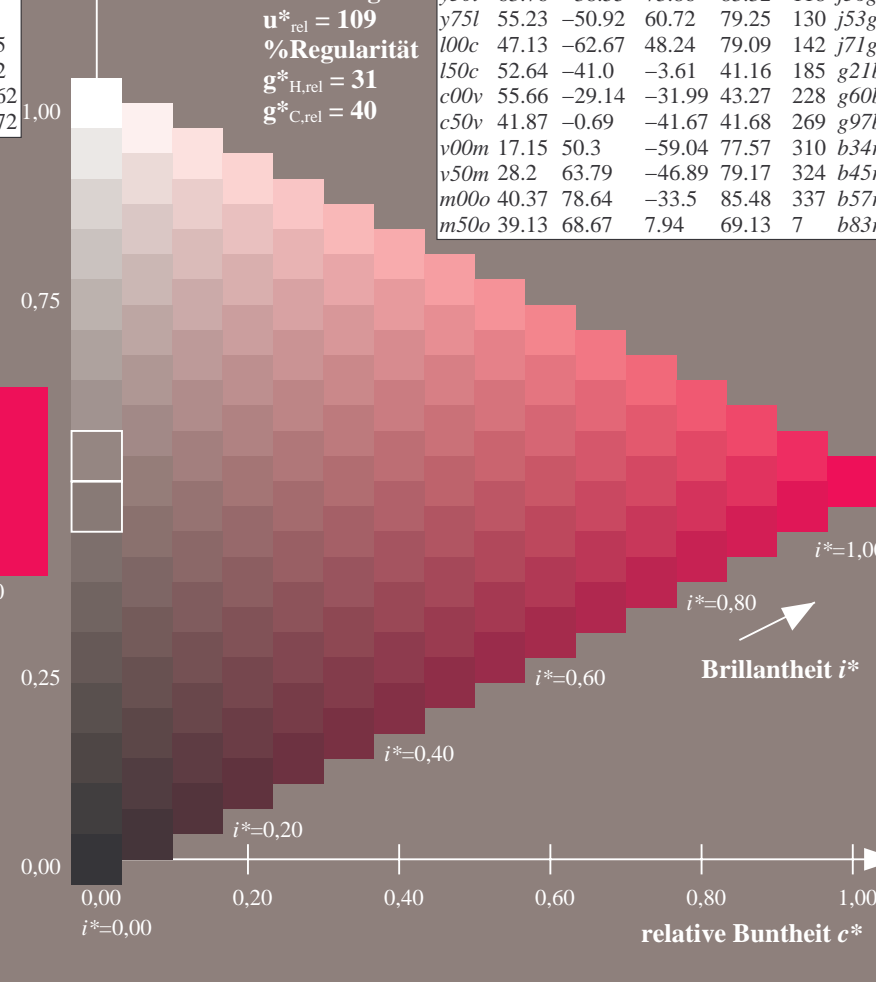
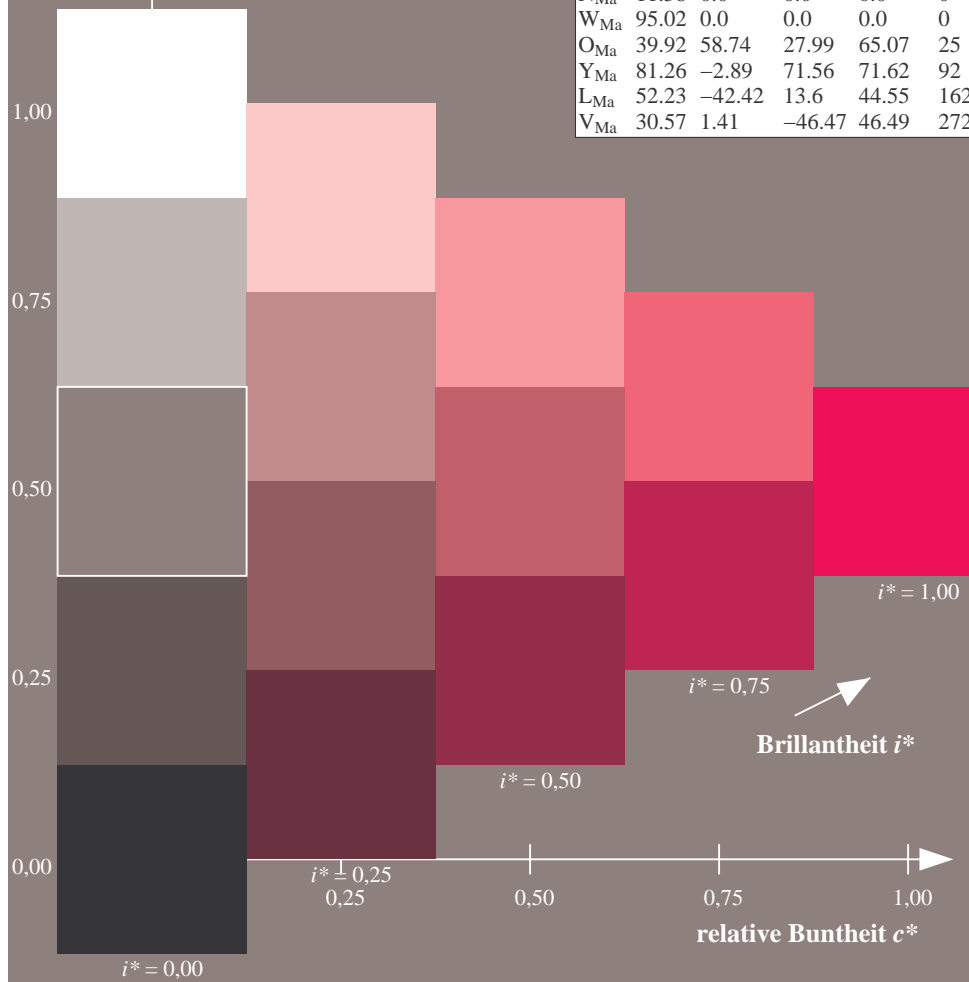
%Regularität

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

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

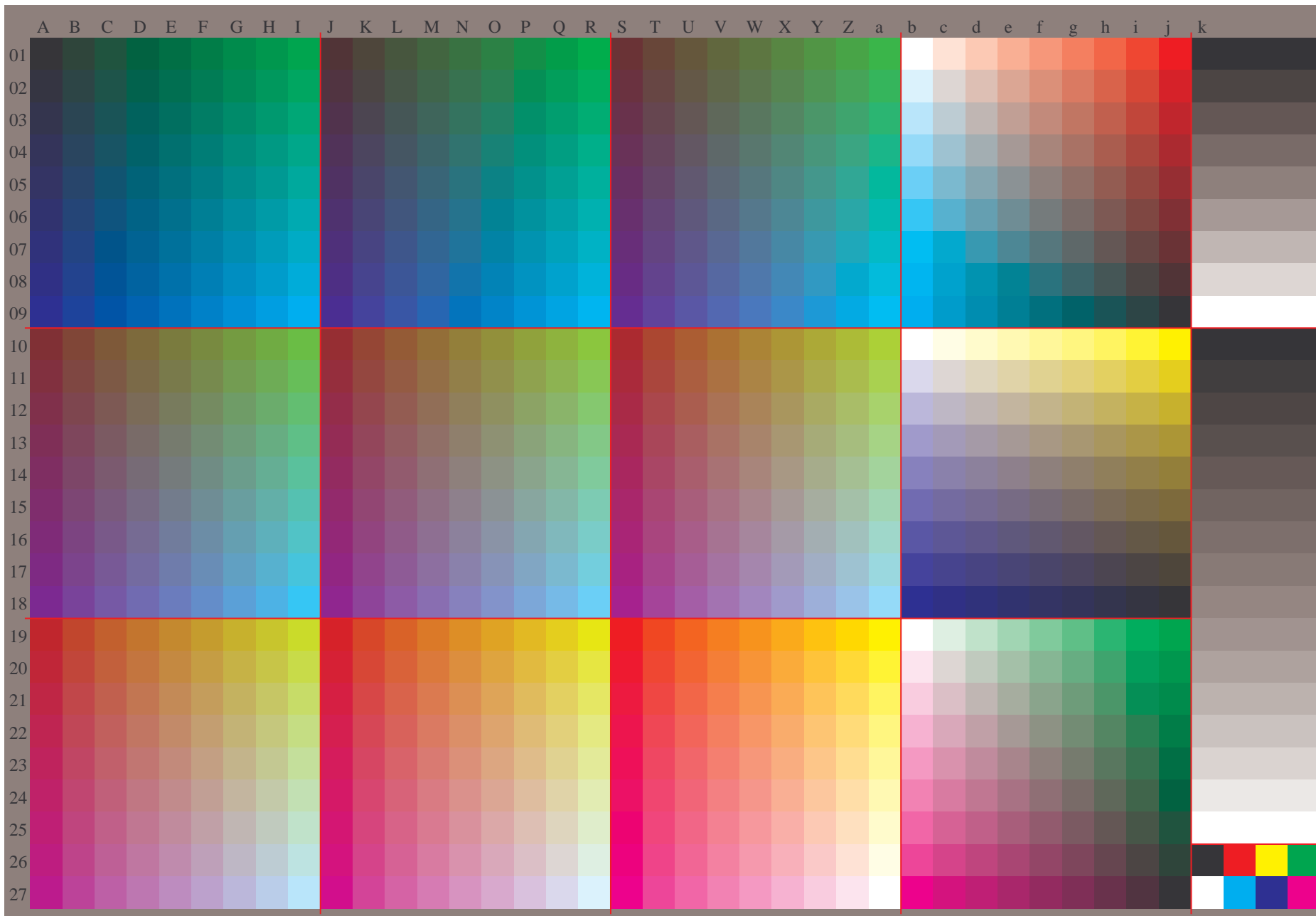
FRS12\_95a; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
o00y	38.06	60.0	44.0	74.4	36	r16j
o25y	47.68	47.13	56.9	73.88	50	r37j
o50y	57.77	33.62	70.44	78.05	64	r58j
o75y	69.84	17.48	86.62	88.37	79	r79j
y00l	86.77	-5.17	109.32	109.44	93	j01g
y25l	73.71	-24.12	89.19	92.39	105	j18g
y50l	63.76	-38.55	73.86	83.32	118	j36g
y75l	55.23	-50.92	60.72	79.25	130	j53g
l00c	47.13	-62.67	48.24	79.09	142	j71g
l50c	52.64	-41.0	-3.61	41.16	185	g21b
c00v	55.66	-29.14	-31.99	43.27	228	g60b
c50v	41.87	-0.69	-41.67	41.68	269	g97b
v00m	17.15	50.3	-59.04	77.57	310	b34r
v50m	28.2	63.79	-46.89	79.17	324	b45r
m00o	40.37	78.64	-33.5	85.48	337	b57r
m50o	39.13	68.67	7.94	69.13	7	b83r



Siehe ähnliche Dateien: <http://www.ps.bam.de/Fg62/>; [www.ps.bam.de/Fg62/Version 2.1, ColSpx=0](http://www.ps.bam.de/Fg62/Version%202.1%2C%20ColSpx%3D0)  
Technische Information: [http://www.ps.bam.de/Version 2.1, ColSpx=0](http://www.ps.bam.de/Version%202.1%2C%20ColSpx%3D0)

BAM-Registrierung: 20081001-Fg62/10L/L62g00NA.TXT/.PS BAM-Material: Code=rh4ta  
Anwendung für Beurteilung und Messung von Drucker- oder Monitorsystemen



Ein und Ausgabe:  
Farbmetrisches Drucker-Reflektiv-System FRS12\_95a  
Daten für jede Farbe:

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

Geräte-Bunttontext:

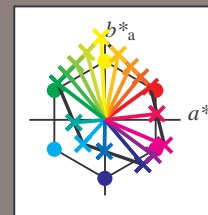
$u^*_d = 16$  Bunttoene *o00y*, *o25y*, ..., *m50o*

Kontrastreduzierungsfaktor:

$c_R = 1.0$

FRS12\_95a; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
<i>o00y</i>	38.06	60.0	44.0	74.4	36	<i>r16j</i>
<i>o25y</i>	47.68	47.13	56.9	73.88	50	<i>r37j</i>
<i>o50y</i>	57.77	33.62	70.44	78.05	64	<i>r58j</i>
<i>o75y</i>	69.84	17.48	86.62	88.37	79	<i>r79j</i>
<i>y00l</i>	86.77	-5.17	109.32	109.44	93	<i>j01g</i>
<i>y25l</i>	73.71	-24.12	89.19	92.39	105	<i>j18g</i>
<i>y50l</i>	63.76	-38.55	73.86	83.32	118	<i>j36g</i>
<i>y75l</i>	55.23	-50.92	60.72	79.25	130	<i>j53g</i>
<i>l00c</i>	47.13	-62.67	48.24	79.09	142	<i>j71g</i>
<i>l50c</i>	52.64	-41.0	-3.61	41.16	185	<i>g21b</i>
<i>c00v</i>	55.66	-29.14	-31.99	43.27	228	<i>g60b</i>
<i>c50v</i>	41.87	-0.69	-41.67	41.68	269	<i>g97b</i>
<i>v00m</i>	17.15	50.3	-59.04	77.57	310	<i>b34r</i>
<i>v50m</i>	28.2	63.79	-46.89	79.17	324	<i>b45r</i>
<i>m00o</i>	40.37	78.64	-33.5	85.48	337	<i>b57r</i>
<i>m50o</i>	39.13	68.67	7.94	69.13	7	<i>b83r</i>



%Umfang

$u^*_{rel} = 109$

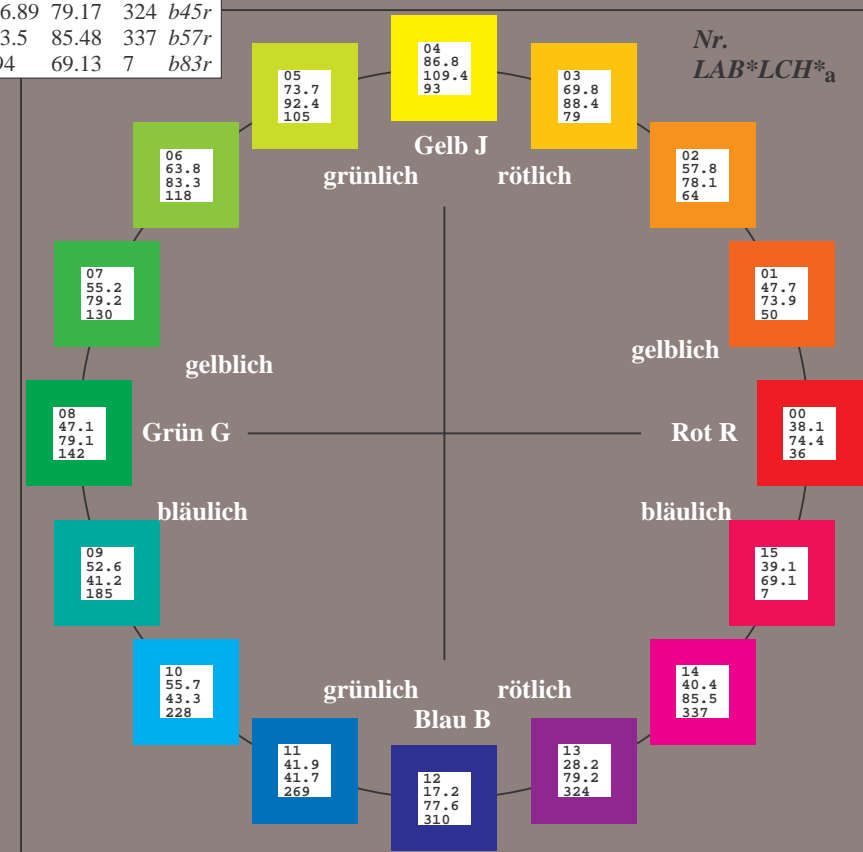
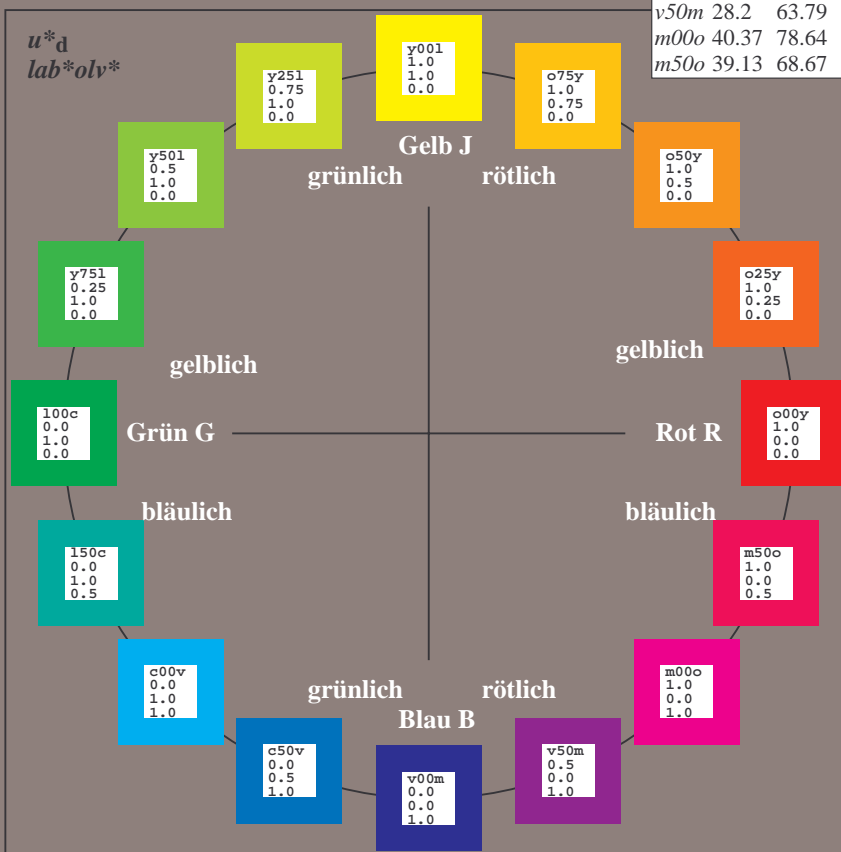
%Regularität

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

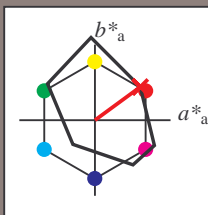
$g^*_{C,rel} = 40$

FRS12\_95a; adaptierte CIELAB-Daten

Name	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	38.06	60.0	44.0	74.4	36
Y <sub>Ma</sub>	86.77	-5.17	109.32	109.44	93
L <sub>Ma</sub>	47.13	-62.67	48.24	79.09	142
C <sub>Ma</sub>	55.66	-29.14	-31.99	43.27	228
V <sub>Ma</sub>	17.15	50.3	-59.04	77.57	310
M <sub>Ma</sub>	40.37	78.64	-33.5	85.48	337
N <sub>Ma</sub>	11.58	0.0	0.0	0.0	0
W <sub>Ma</sub>	95.02	0.0	0.0	0.0	0
O <sub>CIE</sub>	39.92	58.74	27.99	65.07	92
Y <sub>CIE</sub>	81.26	-2.89	71.56	71.62	25
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 FRS12\_95a, L\*=12\_95 für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.101$   $u^*_d = o00y$   
Daten für jede Farbe:  
 $lab^*tch^*$  und  $lab^*icu^*$   
Bunttontexte:  
 $u^*_d = o00y$   $u^*_e = r16j$   
Kontrastreduzierungsfaktor:  
 $c_R = 1.0$   
Dreiecks-Helligkeit  $i^*$



FRS12_95a; adaptierte CIELAB-Daten						
$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	
O <sub>Ma</sub>	38.06	60.0	44.0	74.4	36	
Y <sub>Ma</sub>	86.77	-5.17	109.32	109.44	93	
L <sub>Ma</sub>	47.13	-62.67	48.24	79.09	142	
C <sub>Ma</sub>	55.66	-29.14	-31.99	43.27	228	
V <sub>Ma</sub>	17.15	50.3	-59.04	77.57	310	
M <sub>Ma</sub>	40.37	78.64	-33.5	85.48	337	
N <sub>Ma</sub>	11.58	0.0	0.0	0.0	0	
W <sub>Ma</sub>	95.02	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):

$LAB^*LAB^*_{Ma}$ : 38 60 44

$LAB^*LCH^*_{Ma}$ : 38 74 36

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

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

Dreiecks-Helligkeit  $i^*$

%Umfang

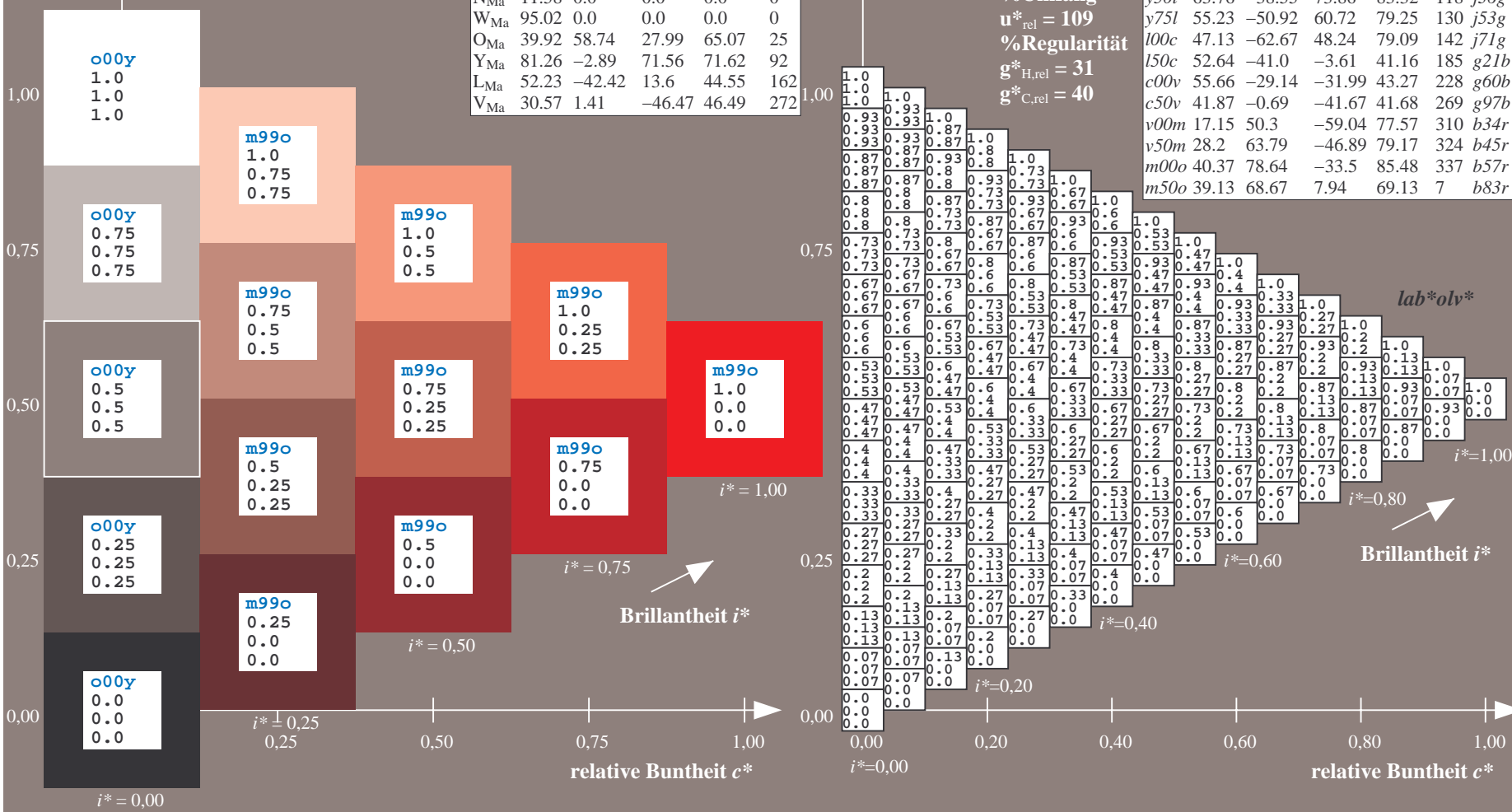
$u^*_{rel} = 109$

%Regularität

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

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

FRS12_95a; adaptierte CIELAB-Daten						
$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
$o00y$	38.06	60.0	44.0	74.4	36	$r16j$
$o25y$	47.68	47.13	56.9	73.88	50	$r37j$
$o50y$	57.77	33.62	70.44	78.05	64	$r58j$
$o75y$	69.84	17.48	86.62	88.37	79	$r79j$
$y00l$	86.77	-5.17	109.32	109.44	93	$j01g$
$y25l$	73.71	-24.12	89.19	92.39	105	$j18g$
$y50l$	63.76	-38.55	73.86	83.32	118	$j36g$
$y75l$	55.23	-50.92	60.72	79.25	130	$j53g$
$l00c$	47.13	-62.67	48.24	79.09	142	$j71g$
$l50c$	52.64	-41.0	-3.61	41.16	185	$g21b$
$c00v$	55.66	-29.14	-31.99	43.27	228	$g60b$
$c50v$	41.87	-0.69	-41.67	41.68	269	$g97b$
$v00m$	17.15	50.3	-59.04	77.57	310	$b34r$
$v50m$	28.2	63.79	-46.89	79.17	324	$b45r$
$m00o$	40.37	78.64	-33.5	85.48	337	$b57r$
$m50o$	39.13	68.67	7.94	69.13	7	$b83r$

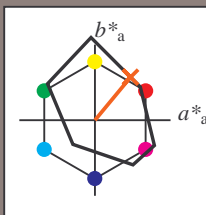


Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS12\_95a, L\*=12\_95 für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.14$   $u^*_d = o25y$   
Daten für jede Farbe:  $lab^*ch^*$  und  $lab^*icu^*$

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

Kontrastreduzierungsfaktor:  
 $c_R = 1.0$

Dreiecks-Helligkeit  $i^*$



FRS12_95a; adaptierte CIELAB-Daten						
$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
O <sub>Ma</sub>	38.06	60.0	44.0	74.4	36	r16j
Y <sub>Ma</sub>	86.77	-5.17	109.32	109.44	93	r37j
L <sub>Ma</sub>	47.13	-62.67	48.24	79.09	142	r58j
C <sub>Ma</sub>	55.66	-29.14	-31.99	43.27	228	r79j
V <sub>Ma</sub>	17.15	50.3	-59.04	77.57	310	j01g
M <sub>Ma</sub>	40.37	78.64	-33.5	85.48	337	j18g
N <sub>Ma</sub>	11.58	0.0	0.0	0.0	0	j36g
W <sub>Ma</sub>	95.02	0.0	0.0	0.0	0	j53g
O <sub>Ma</sub>	39.92	58.74	27.99	65.07	25	j71g
Y <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92	g21b
L <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162	g60b
V <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272	g97b

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 48 47 57

$LAB^*LCH^*_{Ma}$ : 48 74 50

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

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

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 109$

%Regularität

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

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

FRS12_95a; adaptierte CIELAB-Daten						
$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
o00y	38.06	60.0	44.0	74.4	36	r16j
o25y	47.68	47.13	56.9	73.88	50	r37j
o50y	57.77	33.62	70.44	78.05	64	r58j
o75y	69.84	17.48	86.62	88.37	79	r79j
y00l	86.77	-5.17	109.32	109.44	93	j01g
y25l	73.71	-24.12	89.19	92.39	105	j18g
y50l	63.76	-38.55	73.86	83.32	118	j36g
y75l	55.23	-50.92	60.72	79.25	130	j53g
l00c	47.13	-62.67	48.24	79.09	142	j71g
l50c	52.64	-41.0	-3.61	41.16	185	g21b
c00v	55.66	-29.14	-31.99	43.27	228	g60b
c50v	41.87	-0.69	-41.67	41.68	269	g97b
v00m	17.15	50.3	-59.04	77.57	310	b34r
v50m	28.2	63.79	-46.89	79.17	324	b45r
m00o	40.37	78.64	-33.5	85.48	337	b57r
m50o	39.13	68.67	7.94	69.13	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  $c^*$







**Dricks Hellingkeit**



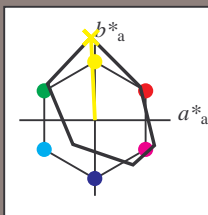
<i>m50o</i>	39.13	68.67	7.94	69.13	7	<i>b83r</i>
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D65: Farbreihen, Datentabellen für 16 Bunttöne

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

4ta

Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS12\_95a, L\*=12\_95 für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.258$   $u^*_d = y00l$   
Daten für jede Farbe:  
 $lab^*tch^*$  und  $lab^*icu^*$   
Bunttontexte:  
 $u^*_d = y00l$   $u^*_e = j0l1g$   
Kontrastreduzierungsfaktor:  
 $c_R = 1.0$   
Dreiecks-Helligkeit  $i^*$



FRS12_95a; adaptierte CIELAB-Daten						
$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
O <sub>Ma</sub>	38.06	60.0	44.0	74.4	36	r16j
Y <sub>Ma</sub>	86.77	-5.17	109.32	109.44	93	r37j
L <sub>Ma</sub>	47.13	-62.67	48.24	79.09	142	r58j
C <sub>Ma</sub>	55.66	-29.14	-31.99	43.27	228	r79j
V <sub>Ma</sub>	17.15	50.3	-59.04	77.57	310	j01g
M <sub>Ma</sub>	40.37	78.64	-33.5	85.48	337	j18g
N <sub>Ma</sub>	11.58	0.0	0.0	0.0	0	j36g
W <sub>Ma</sub>	95.02	0.0	0.0	0.0	0	j53g
O <sub>Ma</sub>	39.92	58.74	27.99	65.07	25	j71g
Y <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92	g21b
L <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162	g60b
V <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272	g97b

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 87 -5 109

$LAB^*LCH^*_{Ma}$ : 87 109 92

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

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

Dreiecks-Helligkeit  $i^*$

%Umfang

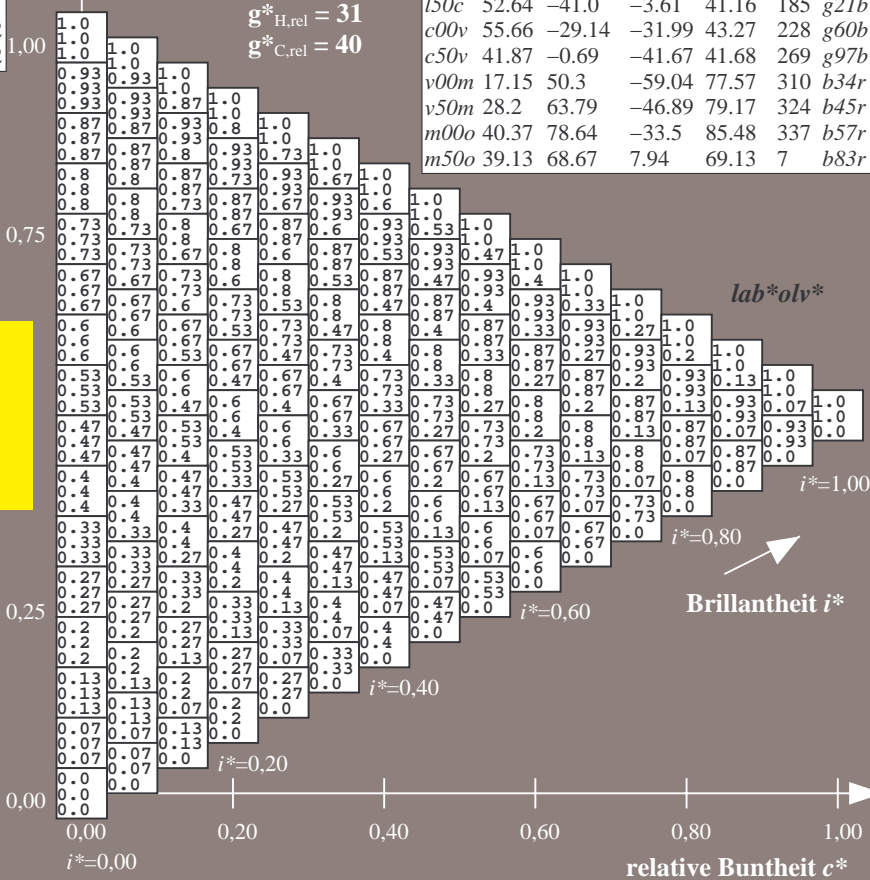
$u^*_{rel} = 109$

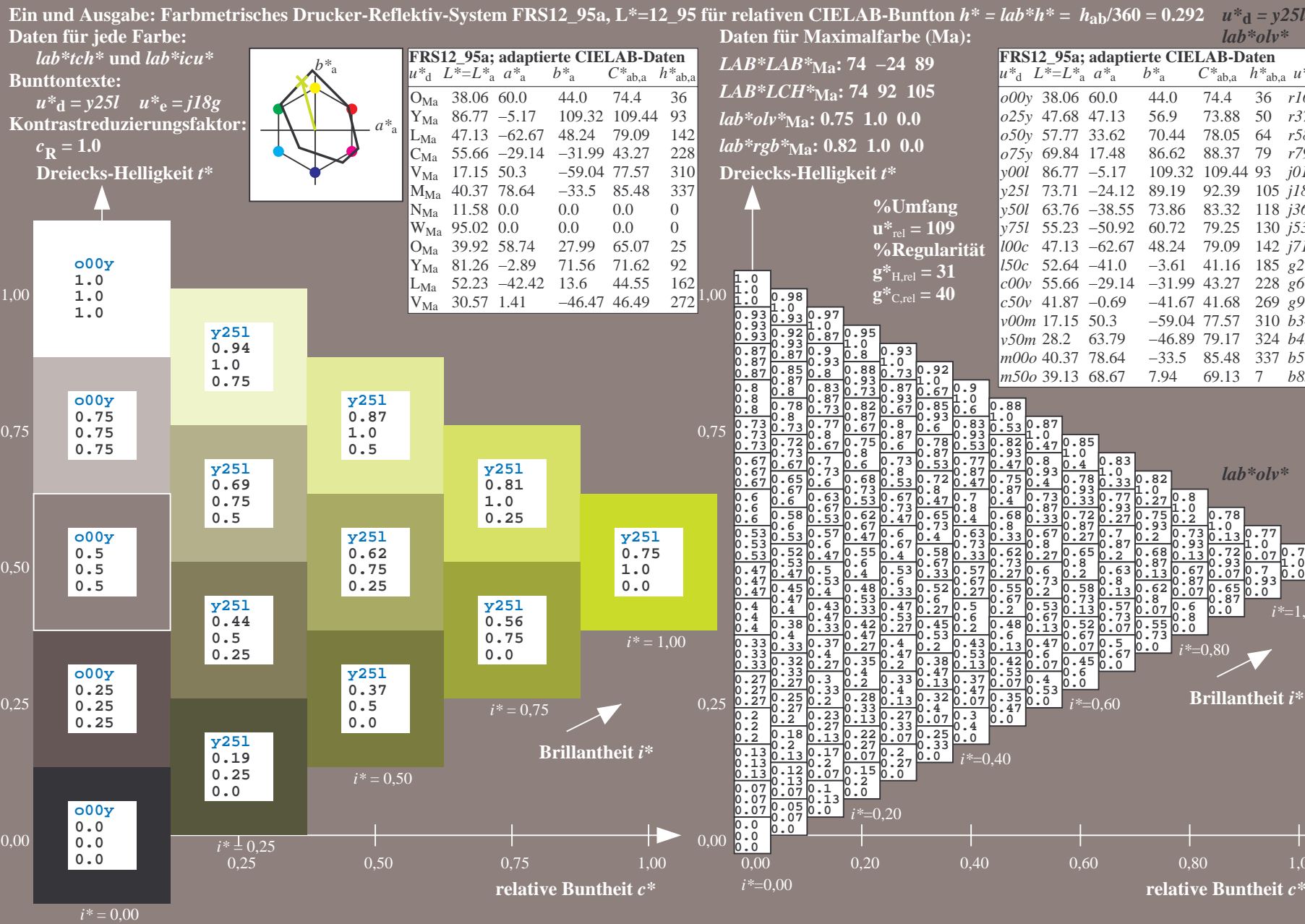
%Regularität

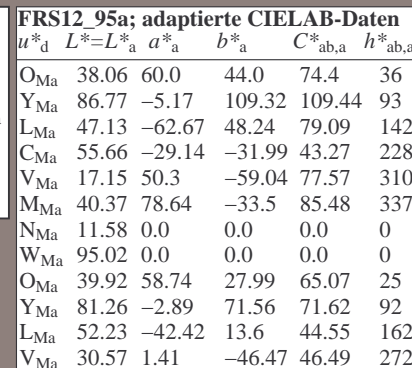
$g^*_{H,rel} = 31$

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

FRS12_95a; adaptierte CIELAB-Daten						
$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
o00y	38.06	60.0	44.0	74.4	36	r16j
o25y	47.68	47.13	56.9	73.88	50	r37j
o50y	57.77	33.62	70.44	78.05	64	r58j
o75y	69.84	17.48	86.62	88.37	79	r79j
y00l	86.77	-5.17	109.32	109.44	93	j01g
y25l	73.71	-24.12	89.19	92.39	105	j18g
y50l	63.76	-38.55	73.86	83.32	118	j36g
y75l	55.23	-50.92	60.72	79.25	130	j53g
l00c	47.13	-62.67	48.24	79.09	142	j71g
l50c	52.64	-41.0	-3.61	41.16	185	g21b
c00v	55.66	-29.14	-31.99	43.27	228	g60b
c50v	41.87	-0.69	-41.67	41.68	269	g97b
v00m	17.15	50.3	-59.04	77.57	310	b34r
v50m	28.2	63.79	-46.89	79.17	324	b45r
m00o	40.37	78.64	-33.5	85.48	337	b57r
m50o	39.13	68.67	7.94	69.13	7	b83r







**Dreiecks-Helligkeit  $t^*$**

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

0.77	0.67	0.77	0
0.87	0.93	0.93	0
0.67	0.73	0.6	0

0.47	0.53	0.4	0
0.5	0.67	0.5	0

0.3	0.47	0.3
0.4	0.2	0.47

0.0	
0.2	
0.0	

A horizontal line with a green segment in the middle. The green segment is labeled with the letter 'L' above it.

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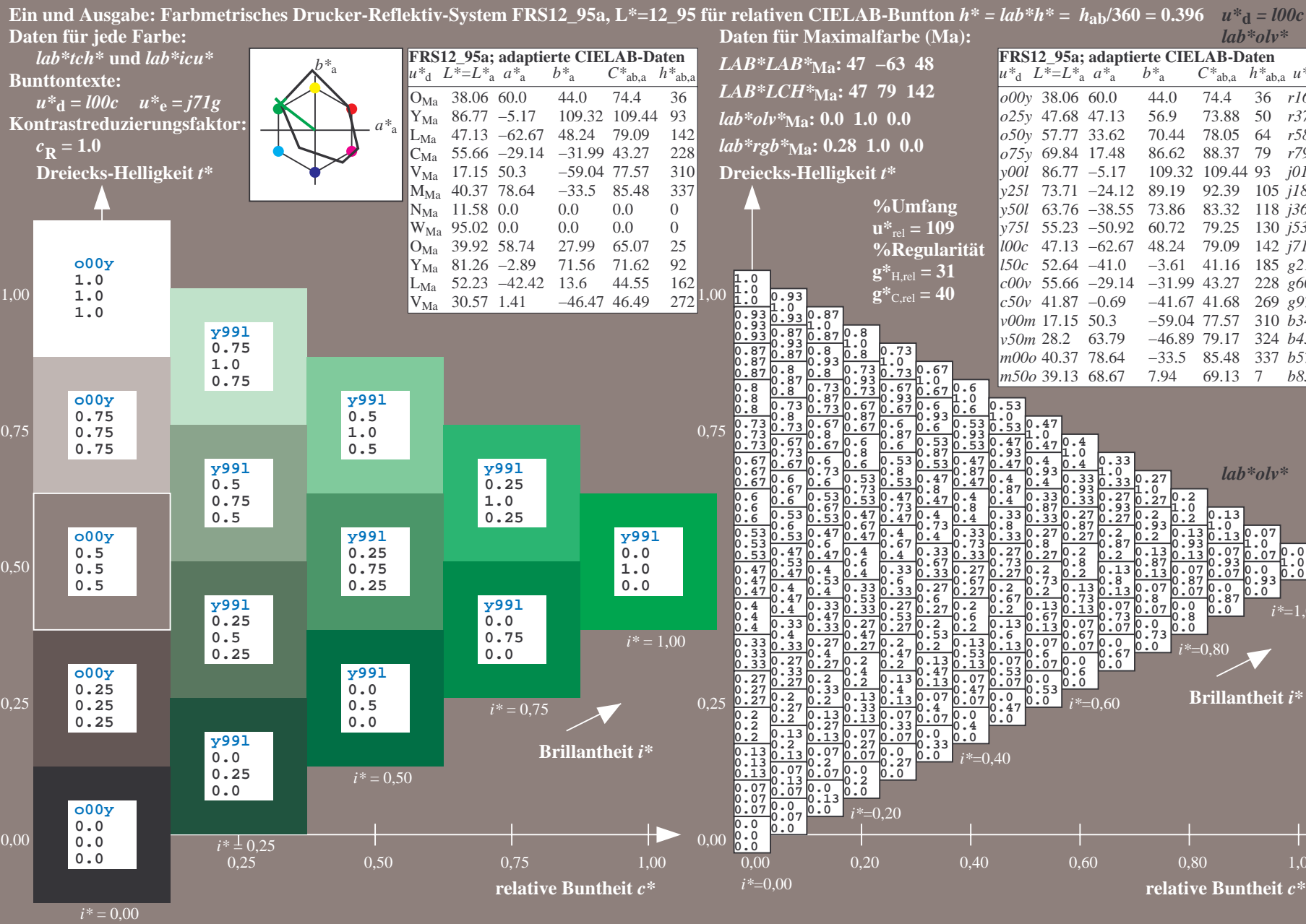
C	M	Y
---	---	---

C	M	Y	O	L
---	---	---	---	---

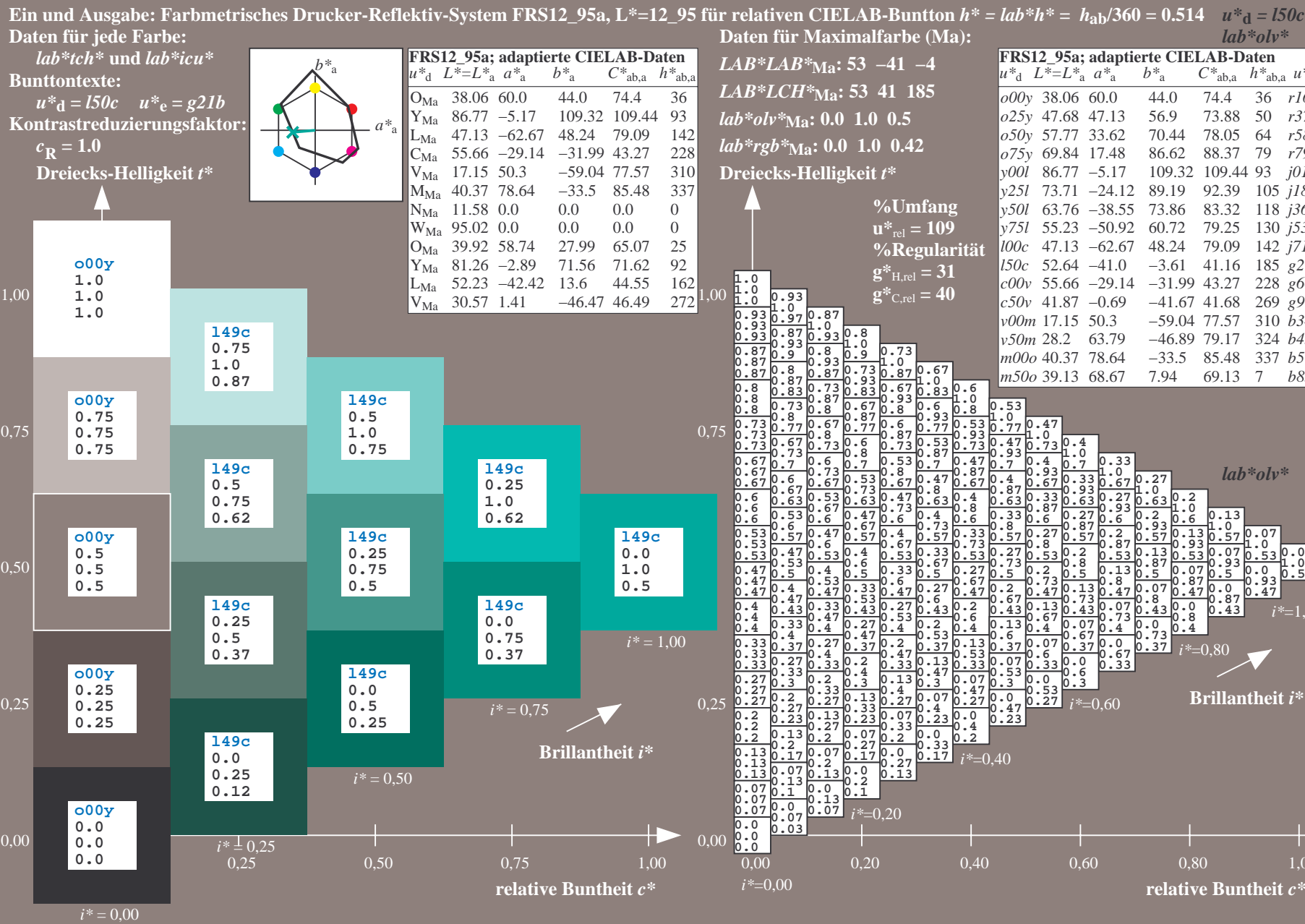
BAM-Registrierung: 20081001-Fg62/10L/L62g00NA.TXT/.PS BAM-Material: Code=rh4ta  
Anwendung für Beurteilung und Messung von Drucker- oder Monitorsystemen

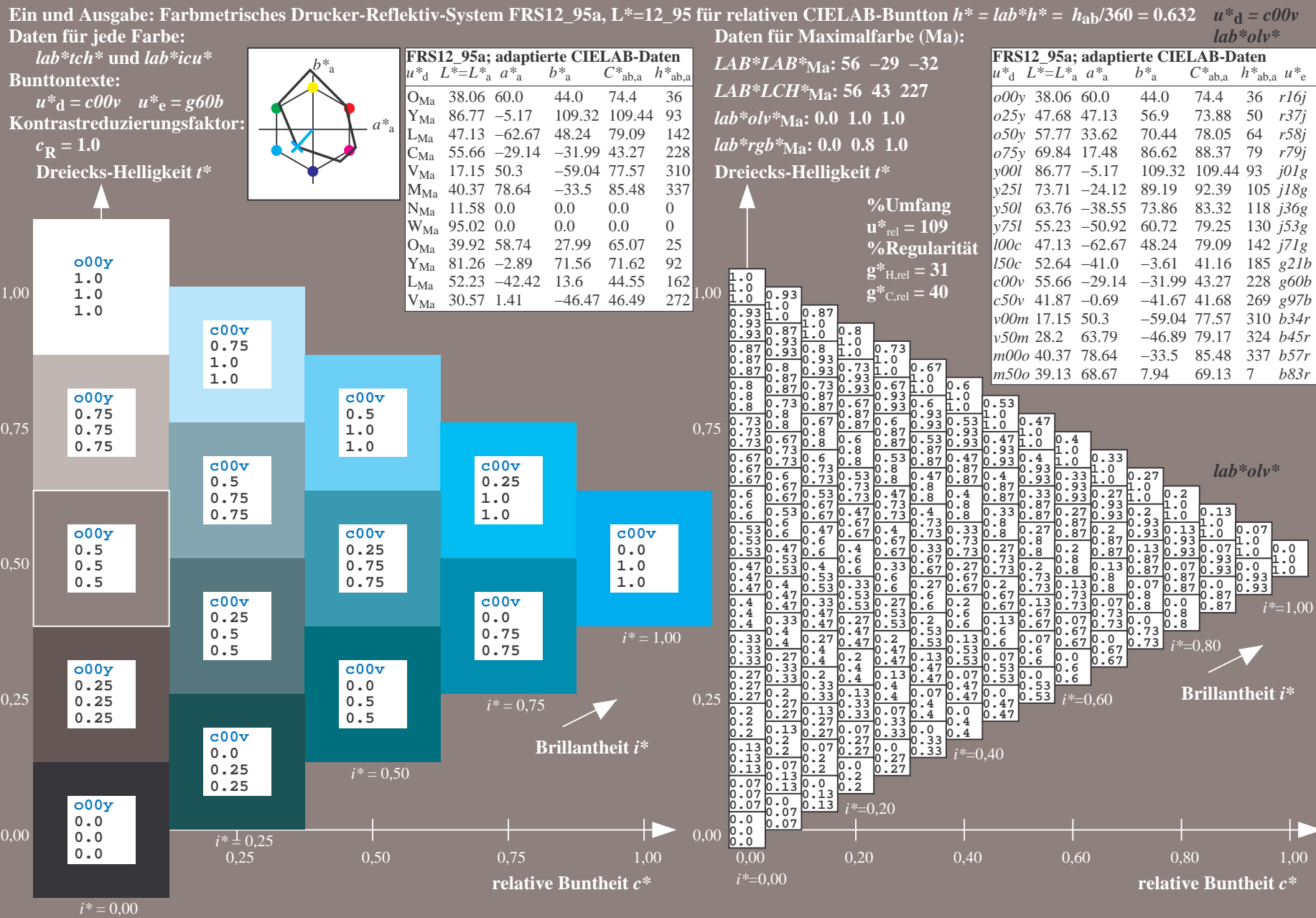


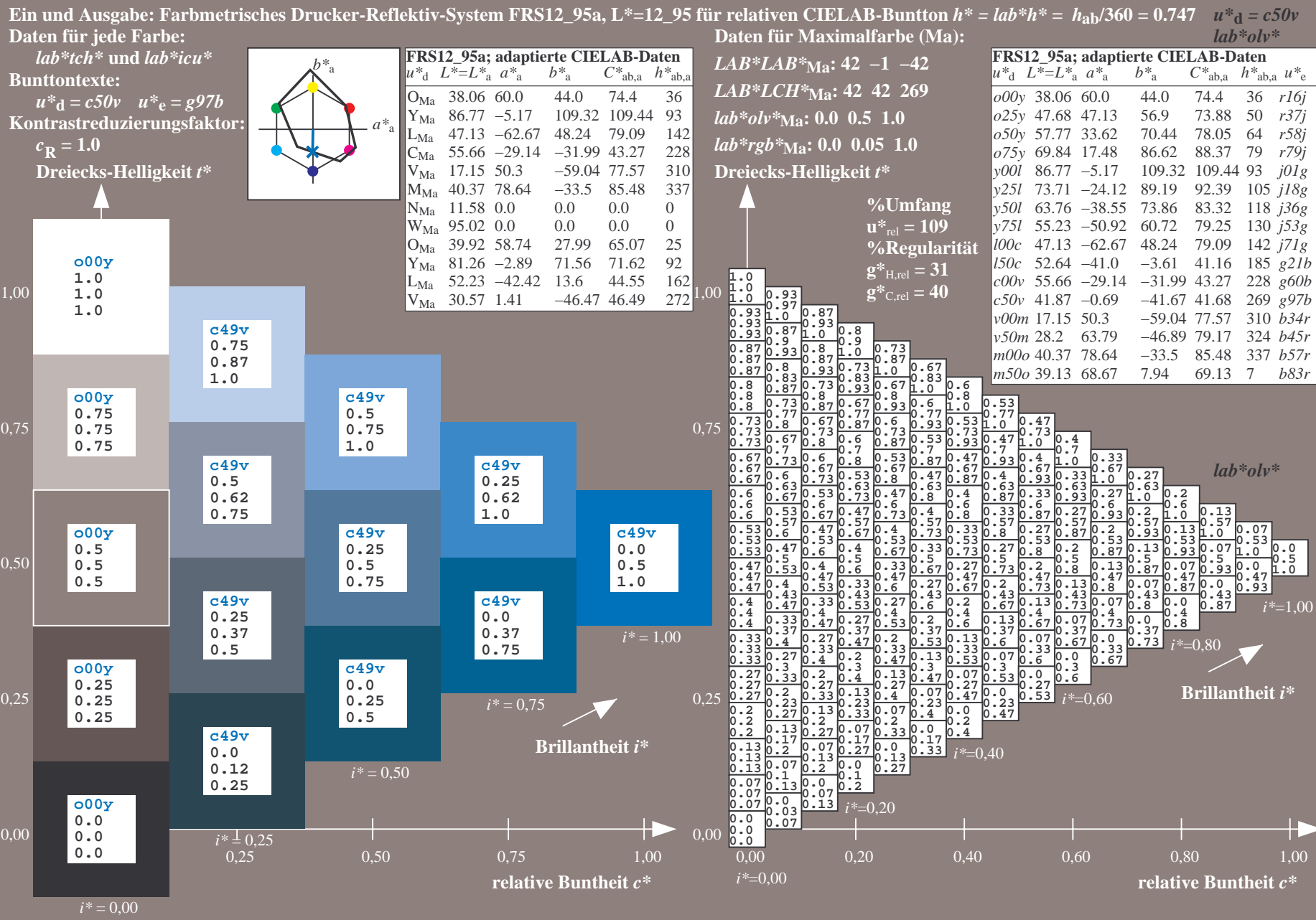






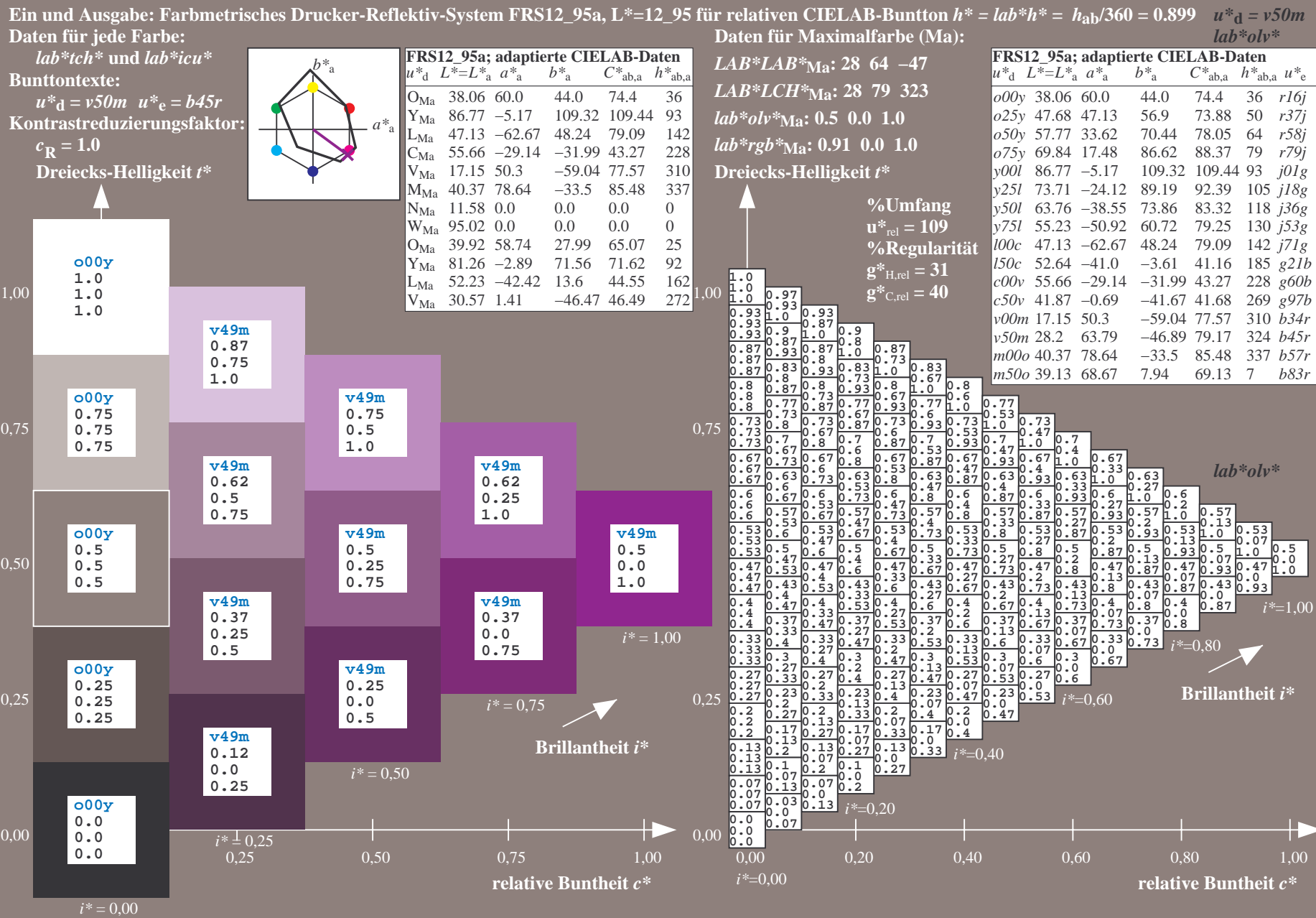




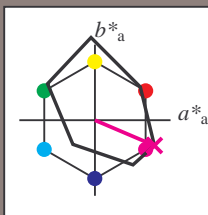








Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS12\_95a, L\*=12\_95 für relative CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.936$   $u^*_d = m00o$   
Daten für jede Farbe:  
 $lab^*ch^*$  und  $lab^*icu^*$   
Bunttontexte:  
 $u^*_d = m00o$   $u^*_e = b57r$   
Kontrastreduzierungsfaktor:  
 $c_R = 1.0$   
Dreiecks-Helligkeit  $i^*$



FRS12_95a; adaptierte CIELAB-Daten						
$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
O <sub>Ma</sub>	38.06	60.0	44.0	74.4	36	r16j
Y <sub>Ma</sub>	86.77	-5.17	109.32	109.44	93	r37j
L <sub>Ma</sub>	47.13	-62.67	48.24	79.09	142	r58j
C <sub>Ma</sub>	55.66	-29.14	-31.99	43.27	228	r79j
V <sub>Ma</sub>	17.15	50.3	-59.04	77.57	310	j01g
M <sub>Ma</sub>	40.37	78.64	-33.5	85.48	337	j18g
N <sub>Ma</sub>	11.58	0.0	0.0	0.0	0	j36g
W <sub>Ma</sub>	95.02	0.0	0.0	0.0	0	j53g
O <sub>Ma</sub>	39.92	58.74	27.99	65.07	25	j71g
Y <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92	g21b
L <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162	g60b
V <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272	g97b

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 40 79 -34

$LAB^*LCH^*_{Ma}$ : 40 85 336

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

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

Dreiecks-Helligkeit  $i^*$

%Umfang

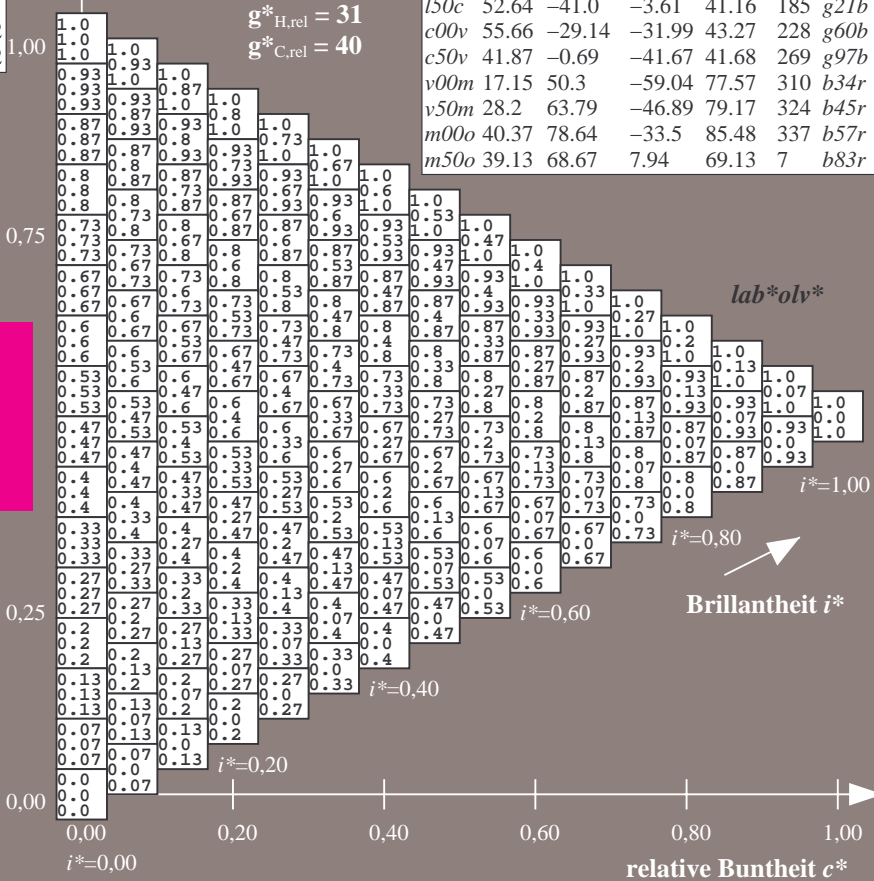
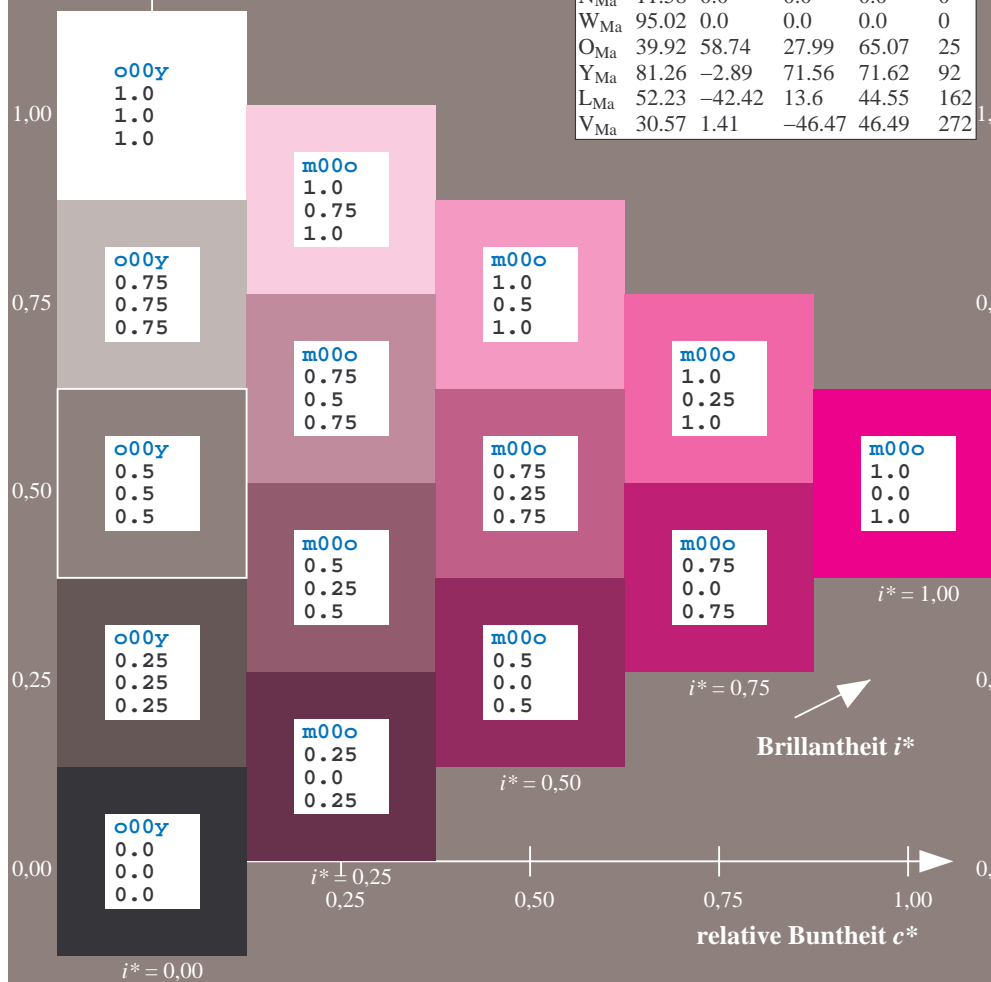
$u^*_{rel} = 109$

%Regularität

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

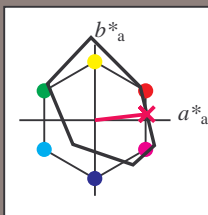
$g^*_{C,rel} = 40$

FRS12_95a; adaptierte CIELAB-Daten						
$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
o00y	38.06	60.0	44.0	74.4	36	r16j
o25y	47.68	47.13	56.9	73.88	50	r37j
o50y	57.77	33.62	70.44	78.05	64	r58j
o75y	69.84	17.48	86.62	88.37	79	r79j
y00l	86.77	-5.17	109.32	109.44	93	j01g
y25l	73.71	-24.12	89.19	92.39	105	j18g
y50l	63.76	-38.55	73.86	83.32	118	j36g
y75l	55.23	-50.92	60.72	79.25	130	j53g
l00c	47.13	-62.67	48.24	79.09	142	j71g
l50c	52.64	-41.0	-3.61	41.16	185	g21b
c00v	55.66	-29.14	-31.99	43.27	228	g60b
c50v	41.87	-0.69	-41.67	41.68	269	g97b
v00m	17.15	50.3	-59.04	77.57	310	b34r
v50m	28.2	63.79	-46.89	79.17	324	b45r
m00o	40.37	78.64	-33.5	85.48	337	b57r
m50o	39.13	68.67	7.94	69.13	7	b83r





Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS12\_95a, L\*=12\_95 für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.018$   $u^*_d = m50o$   
Daten für jede Farbe:  
 $lab^*ch^*$  und  $lab^*icu^*$   
Bunttontexte:  
 $u^*_d = m50o$   $u^*_e = b83r$   
Kontrastreduzierungsfaktor:  
 $c_R = 1.0$   
Dreiecks-Helligkeit  $i^*$



FRS12_95a; adaptierte CIELAB-Daten						
$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
O <sub>Ma</sub>	38.06	60.0	44.0	74.4	36	r16j
Y <sub>Ma</sub>	86.77	-5.17	109.32	109.44	93	r37j
L <sub>Ma</sub>	47.13	-62.67	48.24	79.09	142	r58j
C <sub>Ma</sub>	55.66	-29.14	-31.99	43.27	228	r79j
V <sub>Ma</sub>	17.15	50.3	-59.04	77.57	310	j01g
M <sub>Ma</sub>	40.37	78.64	-33.5	85.48	337	j18g
N <sub>Ma</sub>	11.58	0.0	0.0	0.0	0	j36g
W <sub>Ma</sub>	95.02	0.0	0.0	0.0	0	j53g
O <sub>Ma</sub>	39.92	58.74	27.99	65.07	25	j71g
Y <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92	g21b
L <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162	g60b
V <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272	g97b

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 39 69 8

$LAB^*LCH^*_{Ma}$ : 39 69 6

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

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

Dreiecks-Helligkeit  $i^*$

%Umfang

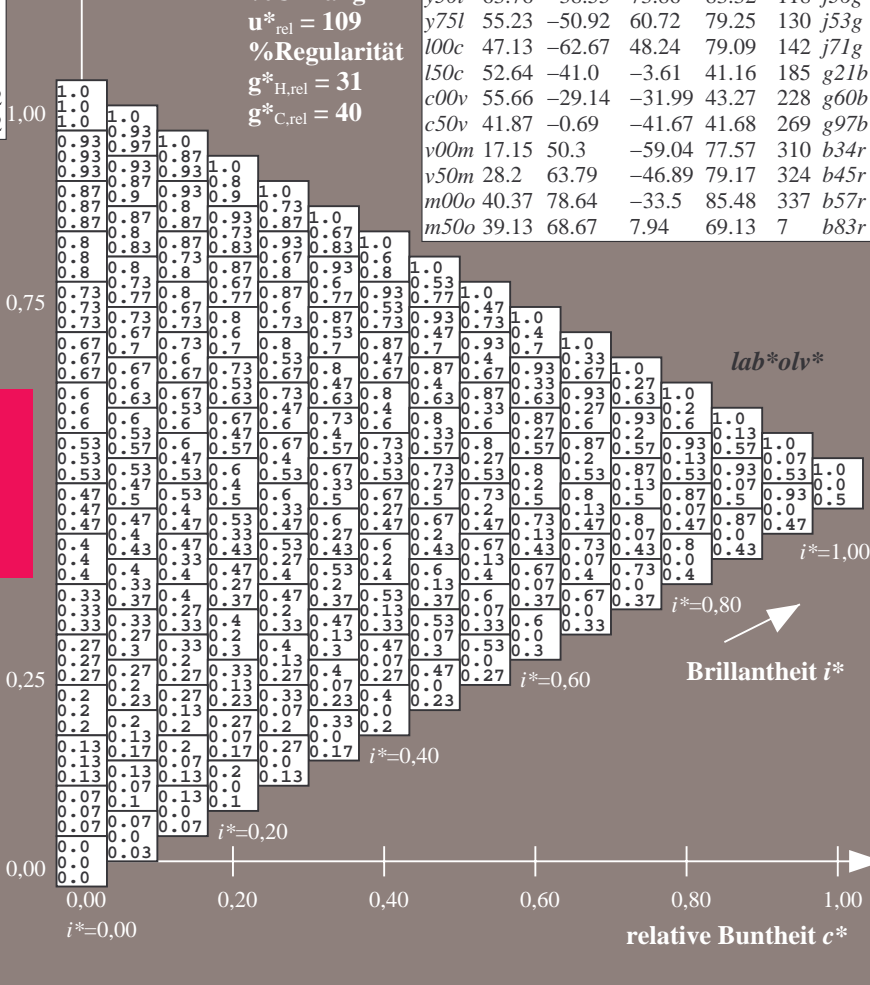
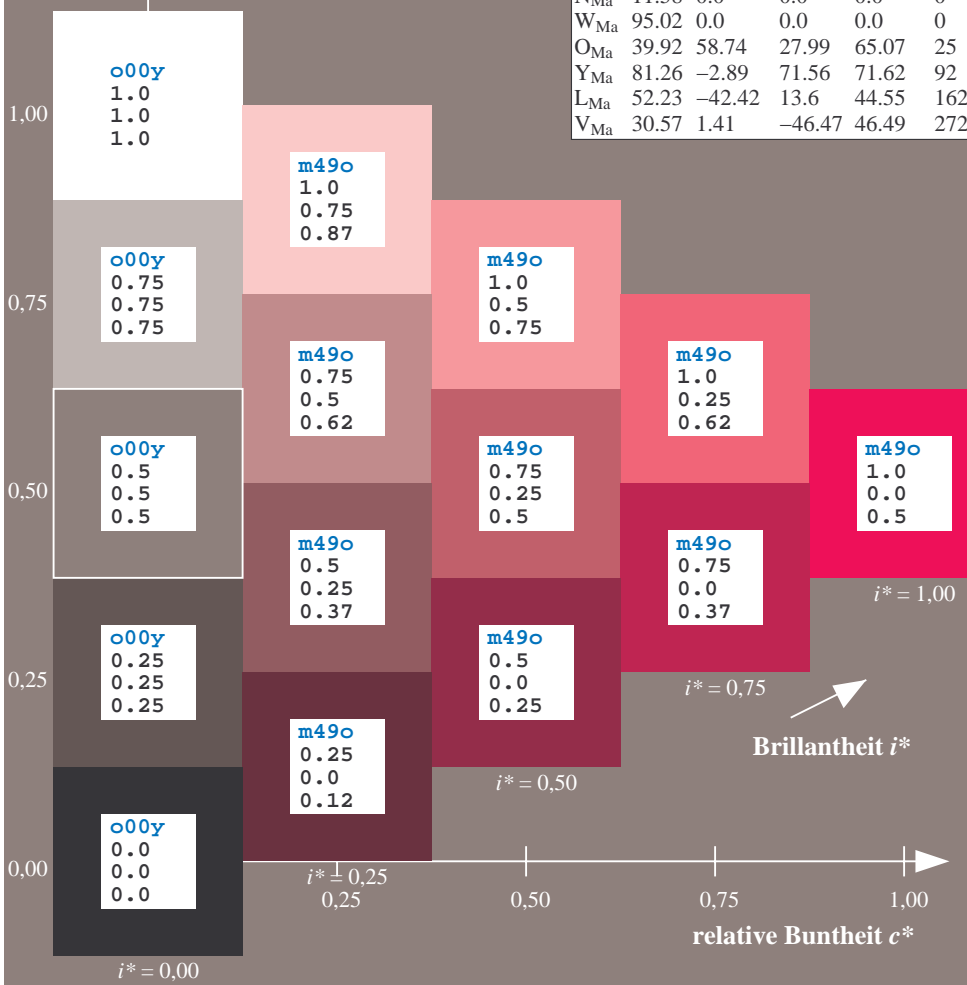
$u^*_{rel} = 109$

%Regularität

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

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

FRS12_95a; adaptierte CIELAB-Daten						
$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
o00y	38.06	60.0	44.0	74.4	36	r16j
o25y	47.68	47.13	56.9	73.88	50	r37j
o50y	57.77	33.62	70.44	78.05	64	r58j
o75y	69.84	17.48	86.62	88.37	79	r79j
y00l	86.77	-5.17	109.32	109.44	93	j01g
y25l	73.71	-24.12	89.19	92.39	105	j18g
y50l	63.76	-38.55	73.86	83.32	118	j36g
y75l	55.23	-50.92	60.72	79.25	130	j53g
l00c	47.13	-62.67	48.24	79.09	142	j71g
l50c	52.64	-41.0	-3.61	41.16	185	g21b
c00v	55.66	-29.14	-31.99	43.27	228	g60b
c50v	41.87	-0.69	-41.67	41.68	269	g97b
v00m	17.15	50.3	-59.04	77.57	310	b34r
v50m	28.2	63.79	-46.89	79.17	324	b45r
m00o	40.37	78.64	-33.5	85.48	337	b57r
m50o	39.13	68.67	7.94	69.13	7	b83r



BAM-Registrierung: 20081001-Fg62/10/L62g00NA.TXT/.PS BAM-Material: Code=rha4ta  
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*oly*			
01	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.13	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0
	0.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.0	0.12	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.0	0.88	0.75	0.63	0.5	0.38	0.25	0.13	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	0.88	0.75	0.63	0.5	0.38	0.25	0.13	0.0	0.0	0.0	0.0	0.0
02	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.12	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.13	0.13	0.13	0.13
	0.0	0.12	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	1.0	0.88	0.75	0.63	0.5	0.38	0.25	0.13	0.0	0.13	0.13	0.13	0.13	
	0.13	0.13	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.12	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	1.0	1.0	0.88	0.75	0.63	0.5	0.38	0.25	0.13	0.0	0.13	0.13	0.13	0.13
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
	0.0	0.12	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	1.0	0.87	0.75	0.63	0.5	0.38	0.25	0.13	0.0	0.25	0.25	0.25	0.25	
	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	1.0	1.0	0.88	0.75	0.63	0.5	0.38	0.25	0.13	0.0	0.25	0.25	0.25	0.25
04	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.12	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.38	0.38	0.38	0.38		
	0.0	0.12	0.25	0.37	0.5	0.62	0.75	0.88	1.0	0.0	0.13	0.25	0.37	0.5	0.62	0.75	0.88	1.0	0.0	0.13	0.25	0.37	0.5	0.62	0.75	0.88	1.0	1.0	0.87	0.75	0.62	0.5	0.38	0.25	0.13	0.0	0.63	0.63	0.63	0.63	
	0.63	0.63	0.63	0.63	0.63	0.63	0.62	0.62	0.62	0.63	0.63	0.63	0.63	0.63	0.63	0.62	0.62	0.62	0.63	0.63	0.63	0.63	0.63	0.62	0.62	0.62	0.62	1.0	1.0	0.88	0.75	0.63	0.5	0.38	0.25	0.13	0.0	0.63	0.63	0.63	0.63
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	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	
	0.0	0.12	0.25	0.37	0.5	0.63	0.75	0.88	1.0	0.0	0.13	0.25	0.37	0.5	0.63	0.75	0.88	1.0	0.0	0.13	0.25	0.37	0.5	0.63	0.75	0.88	1.0	1.0	0.87	0.75	0.62	0.5	0.38	0.25	0.13	0.0	0.5	0.5	0.5	0.5	
	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.0	1.0	0.88	0.75	0.63	0.5	0.38	0.25	0.13	0.0	0.5	0.5	0.5	0.5
06	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.12	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.63	0.63	0.63	0.63
	0.0	0.12	0.25	0.37	0.5	0.62	0.75	0.88	1.0	0.0	0.13	0.25	0.37	0.5	0.62	0.75	0.88	1.0	0.0	0.13	0.25	0.37	0.5	0.62	0.75	0.88	1.0	1.0	0.87	0.75	0.62	0.5	0.38	0.25	0.13	0.0	0.63	0.63	0.63	0.63	
	0.63	0.63	0.63	0.63	0.63	0.63	0.62	0.62	0.62	0.63	0.63	0.63	0.63	0.63	0.63	0.62	0.62	0.62	0.63	0.63	0.63	0.63	0.63	0.62	0.62	0.62	0.62	1.0	1.0	0.88	0.75	0.63	0.5	0.38	0.25	0.13	0.0	0.63	0.63	0.63	0.63
07	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.12	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.75	0.75	0.75	0.75
	0.0	0.12	0.25	0.37	0.5	0.62	0.75	0.88	1.0	0.0	0.13	0.25	0.37	0.5	0.62	0.75	0.88	1.0	0.0	0.13	0.25	0.37	0.5	0.62	0.75	0.88	1.0	1.0	0.87	0.75	0.62	0.5	0.37	0.25	0.13	0.0	0.75	0.75	0.75	0.75	
	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	1.0	1.0	0.88	0.75	0.63	0.5	0.38	0.25	0.13	0.0	0.75	0.75	0.75	0.75
08	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.12	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.88	0.88	0.88	0.88
	0.0	0.12	0.25	0.37	0.5	0.62	0.75	0.87	1.0	0.0	0.13	0.25	0.37	0.5	0.62	0.75	0.87	1.0	0.0	0.13	0.25	0.37	0.5	0.62	0.75	0.87	1.0	1.0	0.87	0.75	0.62	0.5	0.37	0.25	0.13	0.0	0.88	0.88	0.88	0.88	
	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.87	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.87	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.87	1.0	1.0	0.88	0.75	0.63	0.5	0.38	0.25	0.13	0.0	0.88	0.88	0.88	0.88
09	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.12	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	1.0	1.0
	0.0	0.12	0.25	0.37	0.5	0.62	0.75	0.87	1.0	0.0	0.13	0.25	0.37	0.5	0.62	0.75	0.87	1.0	0.0	0.13	0.25	0.37	0.5	0.62	0.75	0.87	1.0	1.0	0.87	0.75	0.62	0.5	0.37	0.25	0.12	0.0	1.0	1.0	1.0	1.0	
	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.88	0.75	0.63	0.5	0.38	0.25	0.13	0.0	1.0	1.0	1.0	1.0
10	0.38	0.38	0.38	0.37	0.37	0.37	0.37	0.37	0.37	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.63	0.63	0.63	0.63	0.62	0.62	0.62	0.62	0.62	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0
	0.12	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.0	0.12	0.25	0.37	0.5	0.63	0.75	0.88	1.0	0.0	0.12	0.25	0.37	0.5	0.63	0.75	0.88	1.0	1.0	1.0	1.0	0.88	0.75	0.63	0.5	0.38	0.25	0.13	0.0	0.0	0.0	0.0	
	0.38	0.38	0.38	0.37	0.37	0.37	0.37	0.37	0.37	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.63	0.63	0.63	0.63	0.62	0.62	0.62	0.62	0.62	0.88	0.88	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.07	0.07	0.07	0.07
	0.12	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.12	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.12	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	1.0	1.0	0.88	0.75	0.63	0.5	0.38	0.25	0.13	0.0	0.07	0.07	0.07	0.07
11	0.38	0.38	0.38	0.37	0.37	0.37	0.37	0.37	0.37	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.63	0.63	0.63	0.63	0.62	0.62	0.62	0.62	0.62	0.88	0.88	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.07	0.07	0.07	0.07
	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.0	0.13	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	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.07	0.07	0.07	0.07
	0.12	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.12	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.12	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13</														

Ein und Ausgabe:  
Farbmetrisches Drucker-Reflektiv-System FRS12\_95a  
Daten für jede Farbe:

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

Geräte-Bunttontext:

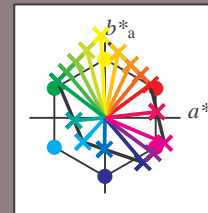
$u^*_d$  = 16 Bunttoene  $o00y$ ,  $o25y$ , ...,  $m50o$

Kontrastreduzierungsfaktor:

$c_R = 1.0$

FRS12\_95a; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
$o00y$	38.06	60.0	44.0	74.4	36	$r16j$
$o25y$	47.68	47.13	56.9	73.88	50	$r37j$
$o50y$	57.77	33.62	70.44	78.05	64	$r58j$
$o75y$	69.84	17.48	86.62	88.37	79	$r79j$
$y00l$	86.77	-5.17	109.32	109.44	93	$j01g$
$y25l$	73.71	-24.12	89.19	92.39	105	$j18g$
$y50l$	63.76	-38.55	73.86	83.32	118	$j36g$
$y75l$	55.23	-50.92	60.72	79.25	130	$j53g$
$l00c$	47.13	-62.67	48.24	79.09	142	$j71g$
$l50c$	52.64	-41.0	-3.61	41.16	185	$g21b$
$c00v$	55.66	-29.14	-31.99	43.27	228	$g60b$
$c50v$	41.87	-0.69	-41.67	41.68	269	$g97b$
$v00m$	17.15	50.3	-59.04	77.57	310	$b34r$
$v50m$	28.2	63.79	-46.89	79.17	324	$b45r$
$m00o$	40.37	78.64	-33.5	85.48	337	$b57r$
$m50o$	39.13	68.67	7.94	69.13	7	$b83r$



%Umfang

$u^*_{rel} = 109$

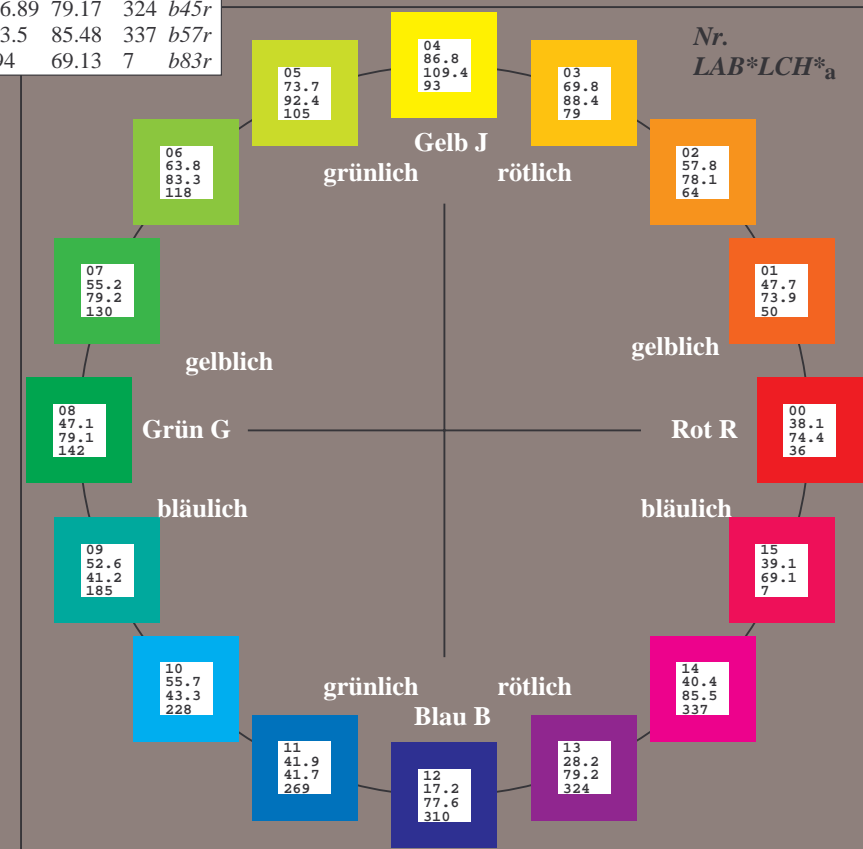
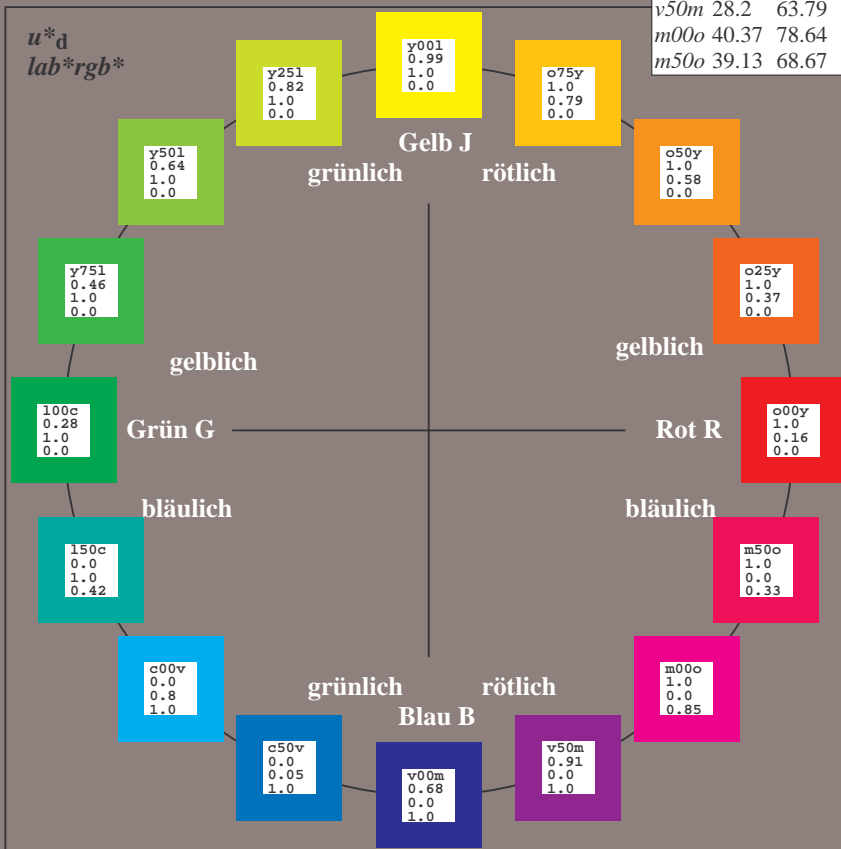
%Regularität

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

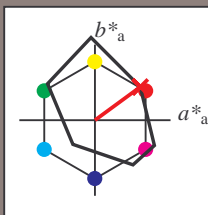
$g^*_{C,rel} = 40$

FRS12\_95a; adaptierte CIELAB-Daten

Name	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
$O_{Ma}$	38.06	60.0	44.0	74.4	36
$Y_{Ma}$	86.77	-5.17	109.32	109.44	93
$L_{Ma}$	47.13	-62.67	48.24	79.09	142
$C_{Ma}$	55.66	-29.14	-31.99	43.27	228
$V_{Ma}$	17.15	50.3	-59.04	77.57	310
$M_{Ma}$	40.37	78.64	-33.5	85.48	337
$N_{Ma}$	11.58	0.0	0.0	0.0	0
$W_{Ma}$	95.02	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 FRS12\_95a, L\*=12\_95 für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.101$   $u^*_d = o00y$   
Daten für jede Farbe:  
 $lab^*ch^*$  und  $lab^*icu^*$   
Bunttontexte:  
 $u^*_d = o00y$   $u^*_e = r16j$   
Kontrastreduzierungsfaktor:  
 $c_R = 1.0$   
Dreiecks-Helligkeit  $i^*$



FRS12_95a; adaptierte CIELAB-Daten						
$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	
O <sub>Ma</sub>	38.06	60.0	44.0	74.4	36	
Y <sub>Ma</sub>	86.77	-5.17	109.32	109.44	93	
L <sub>Ma</sub>	47.13	-62.67	48.24	79.09	142	
C <sub>Ma</sub>	55.66	-29.14	-31.99	43.27	228	
V <sub>Ma</sub>	17.15	50.3	-59.04	77.57	310	
M <sub>Ma</sub>	40.37	78.64	-33.5	85.48	337	
N <sub>Ma</sub>	11.58	0.0	0.0	0.0	0	
W <sub>Ma</sub>	95.02	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):

$LAB^*LAB^*_{Ma}$ : 38 60 44

$LAB^*LCH^*_{Ma}$ : 38 74 36

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

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

Dreiecks-Helligkeit  $i^*$

%Umfang

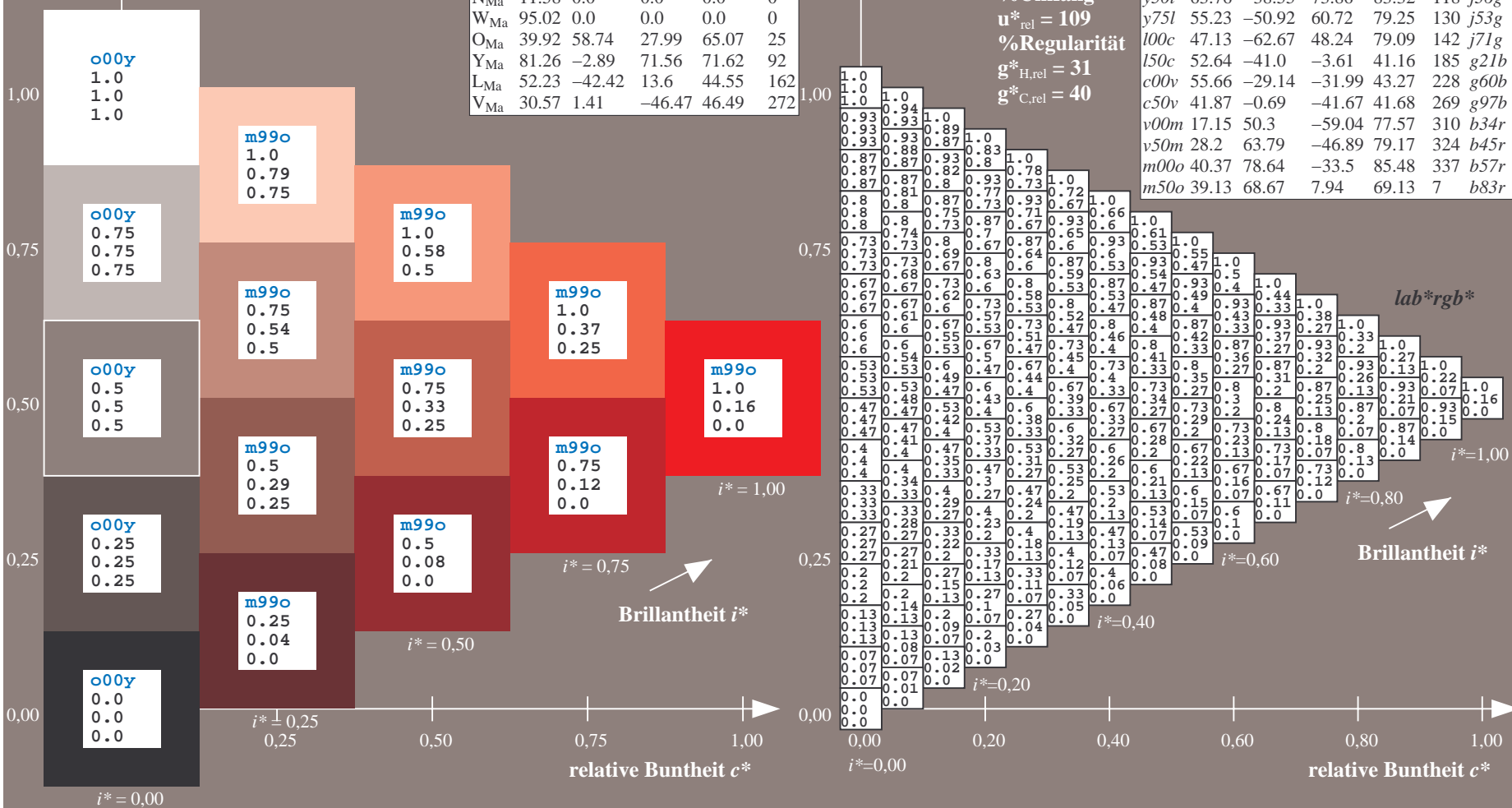
$u^*_{rel} = 109$

%Regularität

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

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

FRS12_95a; adaptierte CIELAB-Daten						
$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
$o00y$	38.06	60.0	44.0	74.4	36	$r16j$
$o25y$	47.68	47.13	56.9	73.88	50	$r37j$
$o50y$	57.77	33.62	70.44	78.05	64	$r58j$
$o75y$	69.84	17.48	86.62	88.37	79	$r79j$
$y00l$	86.77	-5.17	109.32	109.44	93	$j01g$
$y25l$	73.71	-24.12	89.19	92.39	105	$j18g$
$y50l$	63.76	-38.55	73.86	83.32	118	$j36g$
$y75l$	55.23	-50.92	60.72	79.25	130	$j53g$
$l00c$	47.13	-62.67	48.24	79.09	142	$j71g$
$l50c$	52.64	-41.0	-3.61	41.16	185	$g21b$
$c00v$	55.66	-29.14	-31.99	43.27	228	$g60b$
$c50v$	41.87	-0.69	-41.67	41.68	269	$g97b$
$v00m$	17.15	50.3	-59.04	77.57	310	$b34r$
$v50m$	28.2	63.79	-46.89	79.17	324	$b45r$
$m00o$	40.37	78.64	-33.5	85.48	337	$b57r$
$m50o$	39.13	68.67	7.94	69.13	7	$b83r$





Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS12\_95a, L\*=12\_95 für relative CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.14$   $u^*_d = o25y$   
Daten für jede Farbe:  $lab^*tch^*$  und  $lab^*icu^*$

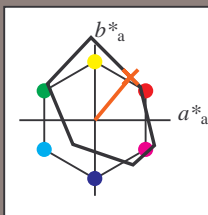
Bunttontexte:

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

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $i^*$



FRS12_95a; adaptierte CIELAB-Daten						
$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
O <sub>Ma</sub>	38.06	60.0	44.0	74.4	36	r16j
Y <sub>Ma</sub>	86.77	-5.17	109.32	109.44	93	r37j
L <sub>Ma</sub>	47.13	-62.67	48.24	79.09	142	r58j
C <sub>Ma</sub>	55.66	-29.14	-31.99	43.27	228	r79j
V <sub>Ma</sub>	17.15	50.3	-59.04	77.57	310	j01g
M <sub>Ma</sub>	40.37	78.64	-33.5	85.48	337	j18g
N <sub>Ma</sub>	11.58	0.0	0.0	0.0	0	j36g
W <sub>Ma</sub>	95.02	0.0	0.0	0.0	0	j53g
O <sub>Ma</sub>	39.92	58.74	27.99	65.07	25	j71g
Y <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92	g21b
L <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162	g60b
V <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272	g97b

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 48 47 57

$LAB^*LCH^*_{Ma}$ : 48 74 50

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

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

Dreiecks-Helligkeit  $i^*$

%Umfang

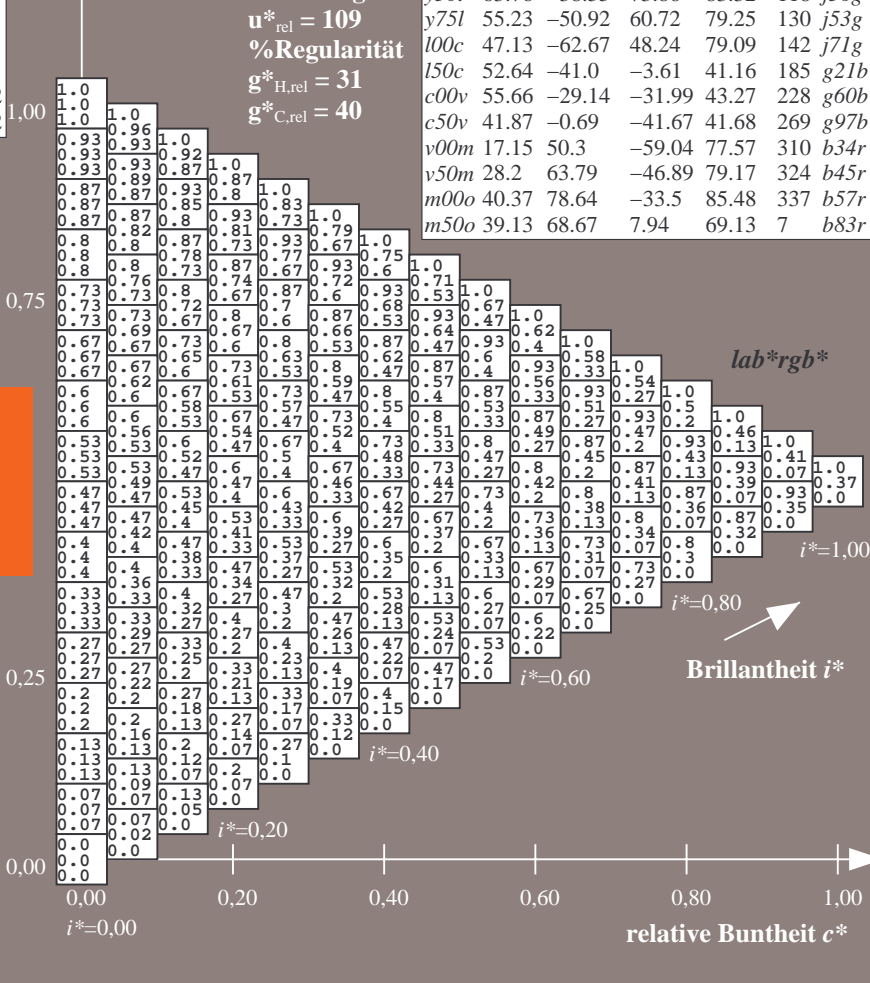
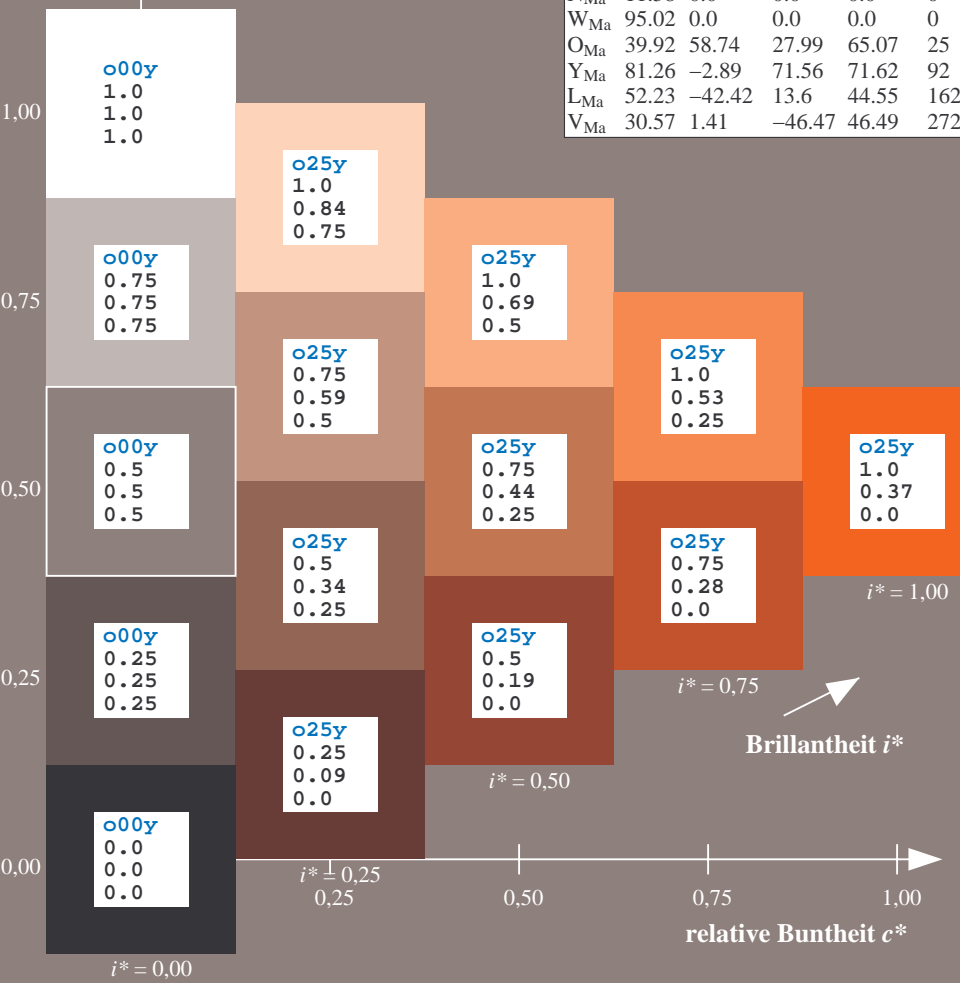
$u^*_{rel} = 109$

%Regularität

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

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

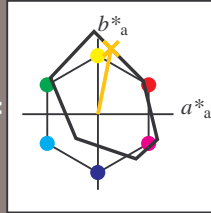
FRS12_95a; adaptierte CIELAB-Daten						
$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
o00y	38.06	60.0	44.0	74.4	36	r16j
o25y	47.68	47.13	56.9	73.88	50	r37j
o50y	57.77	33.62	70.44	78.05	64	r58j
o75y	69.84	17.48	86.62	88.37	79	r79j
y00l	86.77	-5.17	109.32	109.44	93	j01g
y25l	73.71	-24.12	89.19	92.39	105	j18g
y50l	63.76	-38.55	73.86	83.32	118	j36g
y75l	55.23	-50.92	60.72	79.25	130	j53g
l00c	47.13	-62.67	48.24	79.09	142	j71g
l50c	52.64	-41.0	-3.61	41.16	185	g21b
c00v	55.66	-29.14	-31.99	43.27	228	g60b
c50v	41.87	-0.69	-41.67	41.68	269	g97b
v00m	17.15	50.3	-59.04	77.57	310	b34r
v50m	28.2	63.79	-46.89	79.17	324	b45r
m00o	40.37	78.64	-33.5	85.48	337	b57r
m50o	39.13	68.67	7.94	69.13	7	b83r







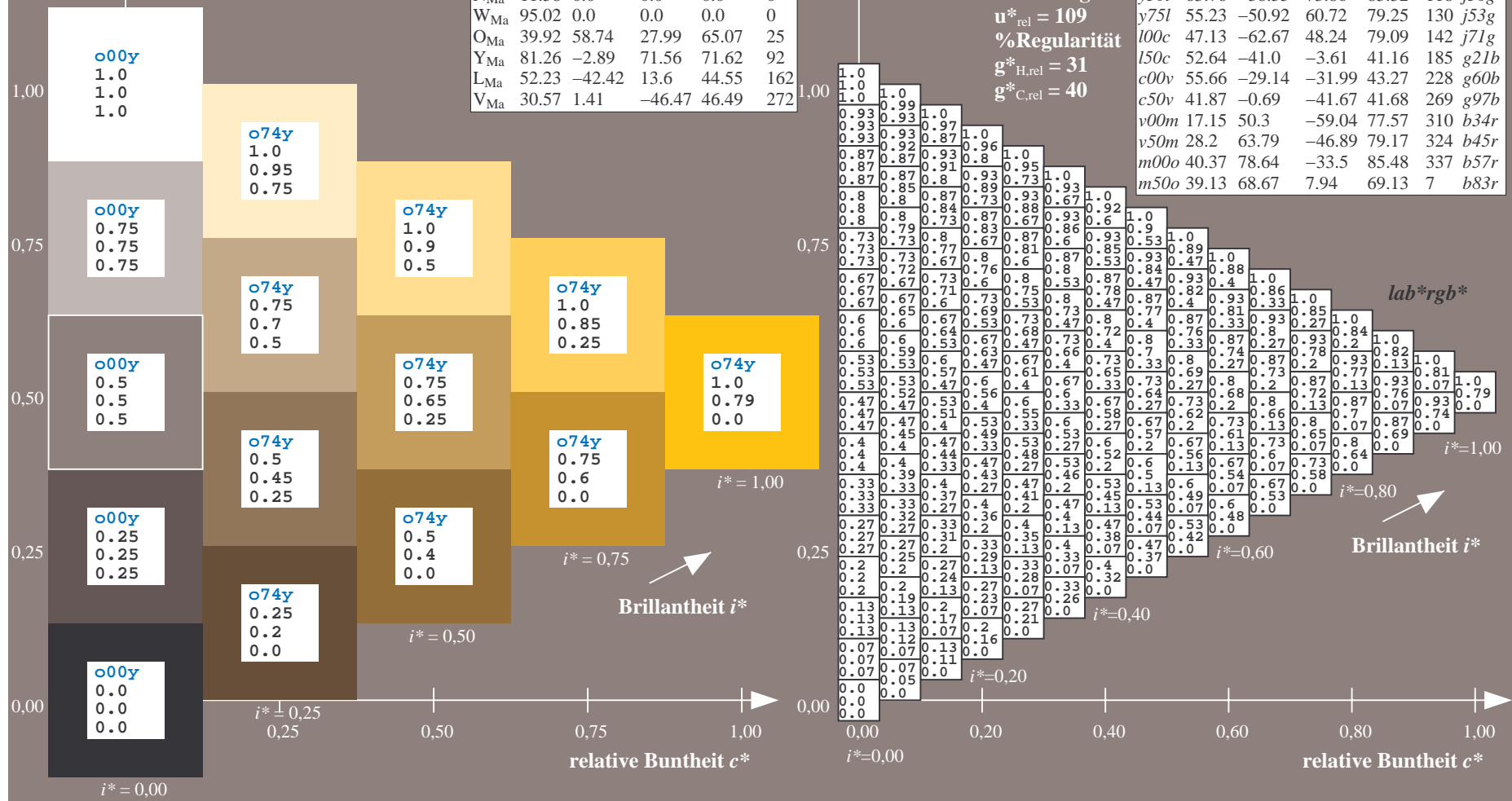
**Dieckmanns Reinigung:**



FRS12_95a; adaptierte CIELAB-Daten						
$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	
O <sub>Ma</sub>	38.06	60.0	44.0	74.4	36	93
Y <sub>Ma</sub>	86.77	-5.17	109.32	109.44	93	36
L <sub>Ma</sub>	47.13	-62.67	48.24	79.09	142	92
C <sub>Ma</sub>	55.66	-29.14	-31.99	43.27	228	92
V <sub>Ma</sub>	17.15	50.3	-59.04	77.57	310	92
M <sub>Ma</sub>	40.37	78.64	-33.5	85.48	337	92
N <sub>Ma</sub>	11.58	0.0	0.0	0.0	0	0
W <sub>Ma</sub>	95.02	0.0	0.0	0.0	0	0
O <sub>Ma</sub>	39.92	58.74	27.99	65.07	25	92
Y <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92	92
L <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162	92
V <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272	92

Dreiecks-Helligkeit  $t^*$ 

FRS12_95a; adaptierte CIELAB-Daten							
$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$	
<i>o00y</i>	38.06	60.0	44.0	74.4	36		<i>r16j</i>
<i>o25y</i>	47.68	47.13	56.9	73.88	50		<i>r37j</i>
<i>o50y</i>	57.77	33.62	70.44	78.05	64		<i>r58j</i>
<i>o75y</i>	69.84	17.48	86.62	88.37	79		<i>r79j</i>
<i>y00l</i>	86.77	-5.17	109.32	109.44	93		<i>j01g</i>
<i>y25l</i>	73.71	-24.12	89.19	92.39	105		<i>j18g</i>
<i>y50l</i>	63.76	-38.55	73.86	83.32	118		<i>j36g</i>
<i>y75l</i>	55.23	-50.92	60.72	79.25	130		<i>j53g</i>
<i>l00c</i>	47.13	-62.67	48.24	79.09	142		<i>j71g</i>
<i>l50c</i>	52.64	-41.0	-3.61	41.16	185		<i>g21b</i>
<i>c00v</i>	55.66	-29.14	-31.99	43.27	228		<i>g60b</i>
<i>c50v</i>	41.87	-0.69	-41.67	41.68	269		<i>g97b</i>
<i>v00m</i>	17.15	50.3	-59.04	77.57	310		<i>b34r</i>
<i>v50m</i>	28.2	63.79	-46.89	79.17	324		<i>b45r</i>
<i>m00o</i>	40.37	78.64	-33.5	85.48	337		<i>b57r</i>
<i>m50o</i>	39.13	68.67	7.94	69.13	7		<i>b83r</i>

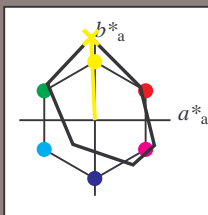


D65: Farbreihen, Datentabellen für 16 Bunttöne

DoAusgabe:  $\rightarrow cmy0^* setcmykcolor$

BAM-Registrierung: 20081001-Fg62/10/L62g00NA.TXT/ .PS BAM-Material: Code=rh4ta  
Anwendung für Beurteilung und Messung von Drucker- oder Monitorsystemen

Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS12\_95a, L\*=12\_95 für relative CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.258$   $u^*_d = y00l$   
Daten für jede Farbe:  
 $lab^*tch^*$  und  $lab^*icu^*$   
Bunttontexte:  
 $u^*_d = y00l$   $u^*_e = j01g$   
Kontrastreduzierungsfaktor:  
 $c_R = 1.0$   
Dreiecks-Helligkeit  $i^*$



FRS12_95a; adaptierte CIELAB-Daten						
$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	
O <sub>Ma</sub>	38.06	60.0	44.0	74.4	36	
Y <sub>Ma</sub>	86.77	-5.17	109.32	109.44	93	
L <sub>Ma</sub>	47.13	-62.67	48.24	79.09	142	
C <sub>Ma</sub>	55.66	-29.14	-31.99	43.27	228	
V <sub>Ma</sub>	17.15	50.3	-59.04	77.57	310	
M <sub>Ma</sub>	40.37	78.64	-33.5	85.48	337	
N <sub>Ma</sub>	11.58	0.0	0.0	0.0	0	
W <sub>Ma</sub>	95.02	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):

$LAB^*LAB^*_{Ma}$ : 87 -5 109

$LAB^*LCH^*_{Ma}$ : 87 109 92

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

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

Dreiecks-Helligkeit  $i^*$

%Umfang

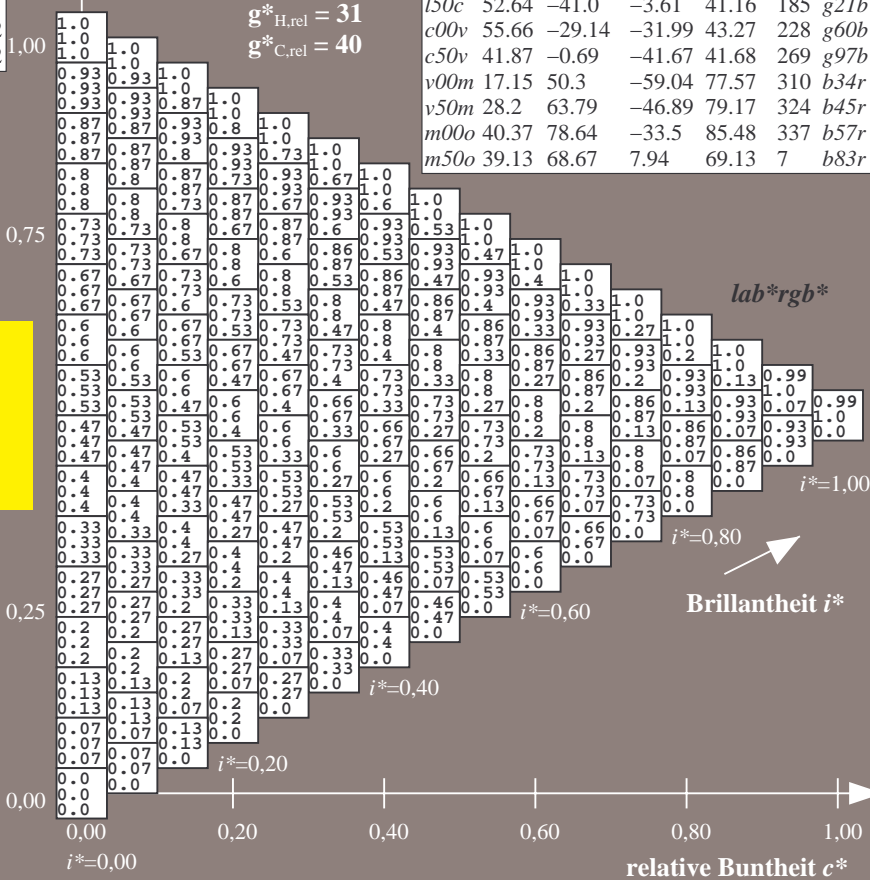
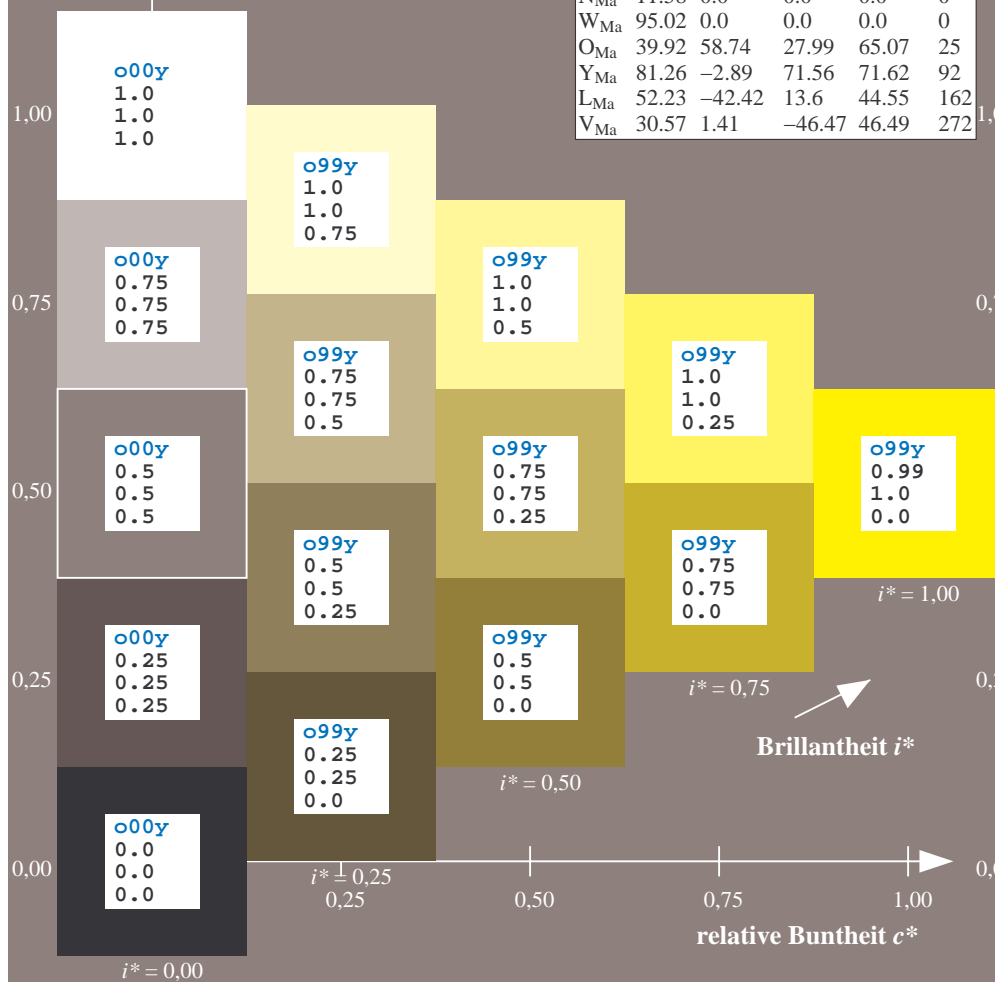
$u^*_{rel} = 109$

%Regularität

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

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

FRS12_95a; adaptierte CIELAB-Daten						
$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
o00y	38.06	60.0	44.0	74.4	36	r16j
o25y	47.68	47.13	56.9	73.88	50	r37j
o50y	57.77	33.62	70.44	78.05	64	r58j
o75y	69.84	17.48	86.62	88.37	79	r79j
y00l	86.77	-5.17	109.32	109.44	93	j01g
y25l	73.71	-24.12	89.19	92.39	105	j18g
y50l	63.76	-38.55	73.86	83.32	118	j36g
y75l	55.23	-50.92	60.72	79.25	130	j53g
l00c	47.13	-62.67	48.24	79.09	142	j71g
l50c	52.64	-41.0	-3.61	41.16	185	g21b
c00v	55.66	-29.14	-31.99	43.27	228	g60b
c50v	41.87	-0.69	-41.67	41.68	269	g97b
v00m	17.15	50.3	-59.04	77.57	310	b34r
v50m	28.2	63.79	-46.89	79.17	324	b45r
m00o	40.37	78.64	-33.5	85.48	337	b57r
m50o	39.13	68.67	7.94	69.13	7	b83r



!oAusgabe:  $\rightarrow cmy0^*$  *setcmykcolor*



BAM-Registrierung: 20081001-Fg62/10L/L62g00NA.TXT/ .PS BAM-Material: Code=rha4ta  
Anwendung für Beurteilung und Messung von Drucker- oder Monitorsystemen



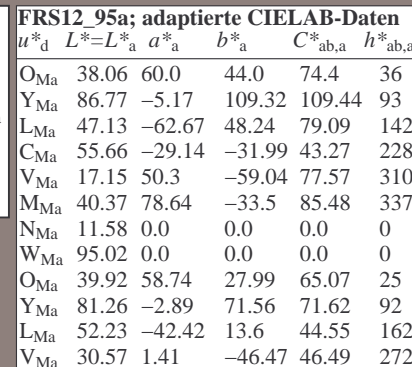
### Daten für jede Farbe:

### Bunttexte:

**Kontrastreduzierungsfaktor:**

## K Dreiecke

100



*LAB\*LAB\**<sub>Mo</sub>: 55 -51 61

**LAB\*LCH\*Ma: 55 79 129**

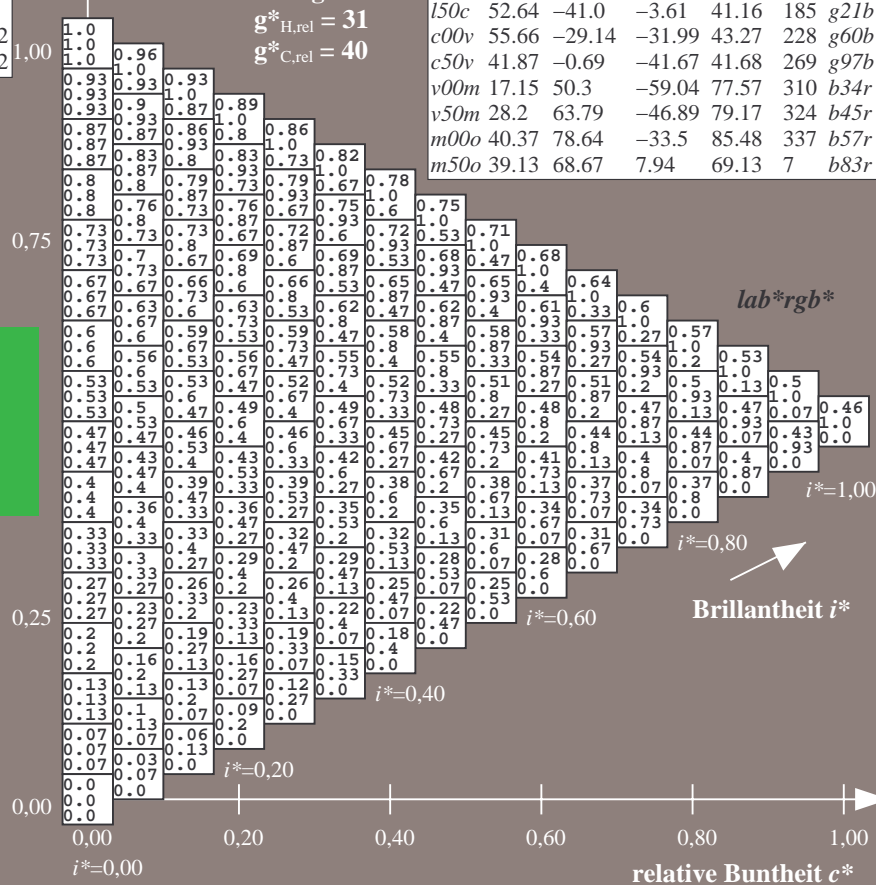
*lab\*rgb\*\_Ma: 0.46 1.0 0.0*

Dreiecks-Helligkeit  $t^*$ 

## %Umfang

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

**%Regular**

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


## Brillantheit $i^*$

[illegible]

0,80 1,0

### Relative Buntheit $c^*$

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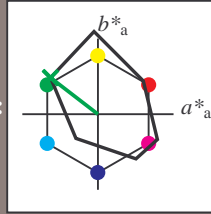
D65: Farbreihen, Datentabellen für 16 Bunttöne 000v 1

!Ausgabe: ->cmv0\* setcmvcolor

D65: Farbreihen, Datentabellen für 16 Bunttöne *p00v* bis *m50o*Ausgabe:  $\rightarrow cmv0^* setcmvcolor$

---

Ein und Ausgabe: Farbm  
Daten für jede Farbe:  
*lab\*<sub>ich</sub>*\* und *lab\*<sub>icu</sub>*\*  
Bunttontexte:  
*u\*<sub>d</sub>* = 100c    *u\*<sub>e</sub>* = j71g  
Kontrastreduzierungsfa  
*c<sub>R</sub>* = 1.0  
Dreiecks-Helligkeit *t\**



FRS12_95a; adaptierte CIELAB-Daten						
$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	
O <sub>Ma</sub>	38.06	60.0	44.0	74.4	36	
Y <sub>Ma</sub>	86.77	-5.17	109.32	109.44	93	
L <sub>Ma</sub>	47.13	-62.67	48.24	79.09	142	
C <sub>Ma</sub>	55.66	-29.14	-31.99	43.27	228	
V <sub>Ma</sub>	17.15	50.3	-59.04	77.57	310	
M <sub>Ma</sub>	40.37	78.64	-33.5	85.48	337	
N <sub>Ma</sub>	11.58	0.0	0.0	0.0	0	
W <sub>Ma</sub>	95.02	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>: 47 –63 48**

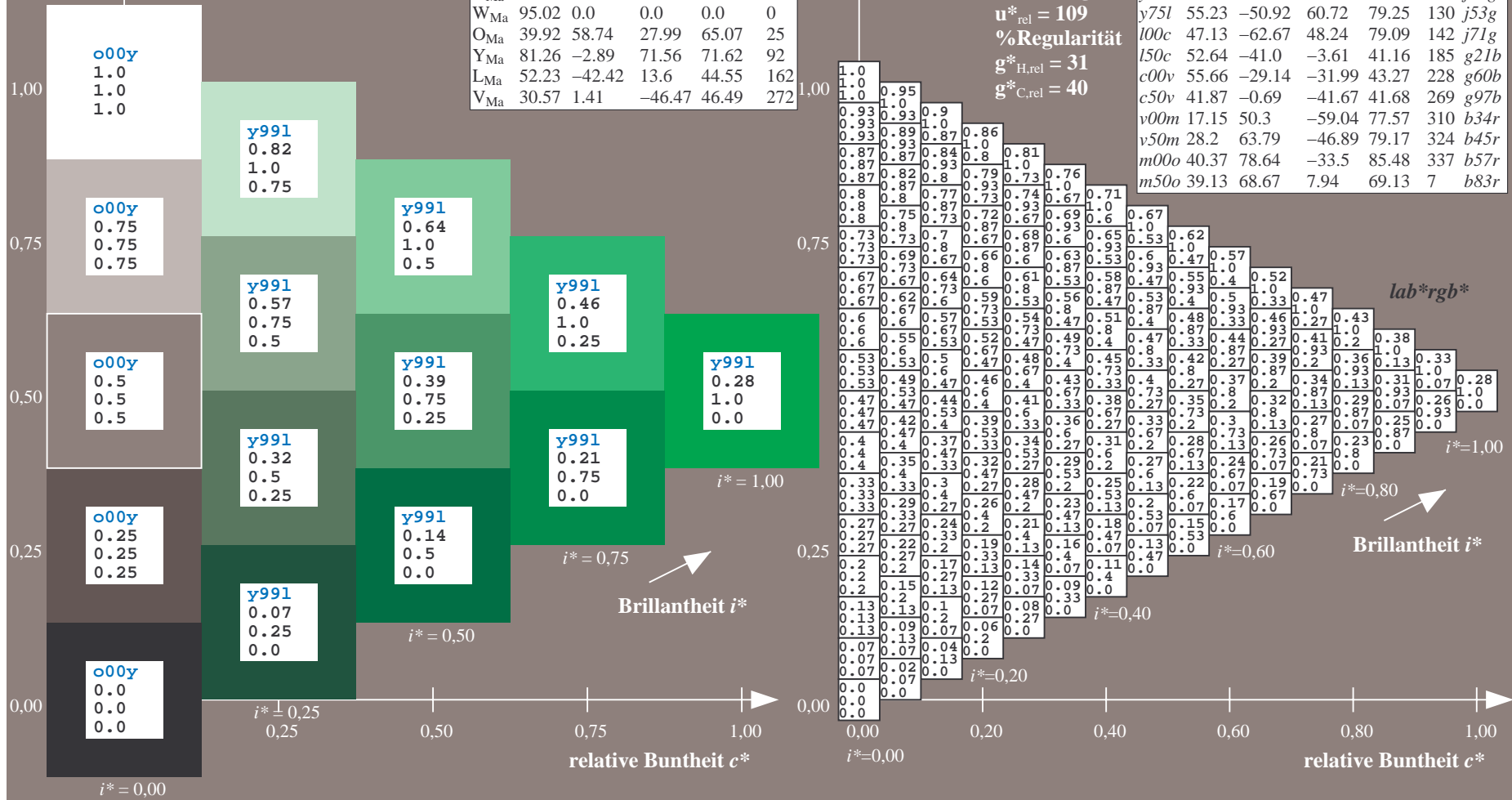
***LAB\*LCH*\*<sub>Ma</sub>: 47 79 142**

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

*lab\*rgb\**<sub>Ma</sub>: 0.28 1.0 0.0

### Dreiecks-Helligkeit $t^*$

## %Umfang

$$u_{\text{rel}}^* = 109$$
 $\sigma^* = 31$ 
$$g^*_{C,rel} = 40$$


BAM-Prüfvorlage Fg62; Relatives Geräte-Farbsystem  
D65: Farbreihen, Datentabellen für 16 Bunttöne 000y

Eingabe: 000n / w / nnn0 / www set...  
Ausgabe: ->cmY0\* setcmykcolor

BAM-Registrierung: 20081001-Fg62/10/L62g00NA.TXT/ .PS BAM-Material: Code=rha4ta  
Anwendung für Beurteilung und Messung von Drucker- oder Monitorsystemen

www.ps.bam.de/Fg62/10L/L62g00NA.TXT/ .PS, Seite 65/198; FRS12\_95, L\*=12\_95  
N: Keine Ausgabe-Linearisierung (OL) in Datei (F), Startup (S), Gerät (D)

Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS12\_95a,  $L^*=12\_95$  für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.514$   $u^*_d = 150c$

Daten für jede Farbe:

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

Bunttontexte:

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

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $t^*$

Das Diagramm zeigt ein Buntton-Diagramm mit einem zentralen Punkt  $b^*_a$  und einem äußeren Punkt  $a^*_a$ . Ein grüner Pfeil zeigt von  $b^*_a$  nach unten, ein roter Pfeil nach rechts. Ein blauer Pfeil zeigt von  $a^*_a$  nach unten, ein pinker Pfeil nach rechts. Ein grüner Pfeil zeigt von  $b^*_a$  nach unten, ein roter Pfeil nach rechts. Ein blauer Pfeil zeigt von  $a^*_a$  nach unten, ein pinker Pfeil nach rechts.

FRS12_95a; adaptierte CIELAB-Daten					
$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
$O_{Ma}$	38.06	60.0	44.0	74.4	36
$Y_{Ma}$	86.77	-5.17	109.32	109.44	93
$L_{Ma}$	47.13	-62.67	48.24	79.09	142
$C_{Ma}$	55.66	-29.14	-31.99	43.27	228
$V_{Ma}$	17.15	50.3	-59.04	77.57	310

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 53 -41 -4

$LAB^*LCH^*_{Ma}$ : 53 41 185

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

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

Dreiecks-Helligkeit  $t^*$

FRS12_95a; adaptierte CIELAB-Daten					
$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
$o00y$	38.06	60.0	44.0	74.4	36
$o25y$	47.68	47.13	56.9	73.88	50
$o50y$	57.77	33.62	70.44	78.05	64
$o75y$	69.84	17.48	86.62	88.37	79
$y00l$	86.77	-5.17	109.32	109.44	93

FRS12_95a; adaptierte CIELAB-Daten						
	$u_a^*$	$L^*-L_a^*$	$a_a^*$	$b_a^*$	$C_{ab,a}^*$	$h_{ab,a}^*$
O <sub>Ma</sub>	38.06	60.0		44.0	74.4	36
Y <sub>Ma</sub>	86.77	-5.17		109.32	109.44	93
L <sub>Ma</sub>	47.13	-62.67		48.24	79.09	142
C <sub>Ma</sub>	55.66	-29.14		-31.99	43.27	228
V <sub>Ma</sub>	17.15	50.3		-59.04	77.57	310
M <sub>Ma</sub>	40.37	78.64		-33.5	85.48	337
N <sub>Ma</sub>	11.58	0.0		0.0	0.0	0
W <sub>Ma</sub>	95.02	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: 53 -41 -4**

**LAB\*LCH\*Ma: 53 41 185**

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

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

### Dreiecks-Helligkeit $t^*$

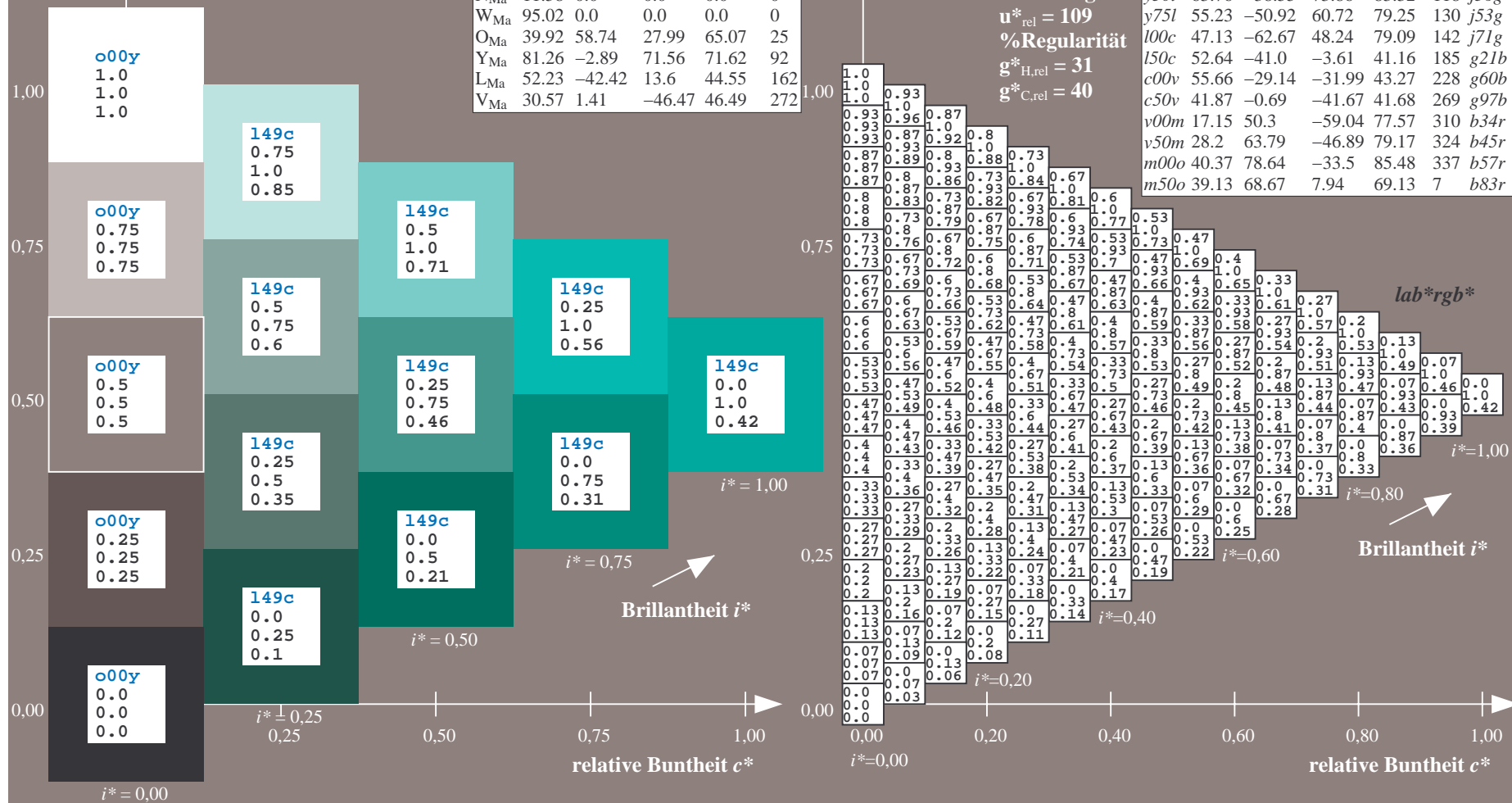
## %Umfang

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

**%Regular:**  
\* = 31

$$\sigma_{H,rel}^* = 51$$

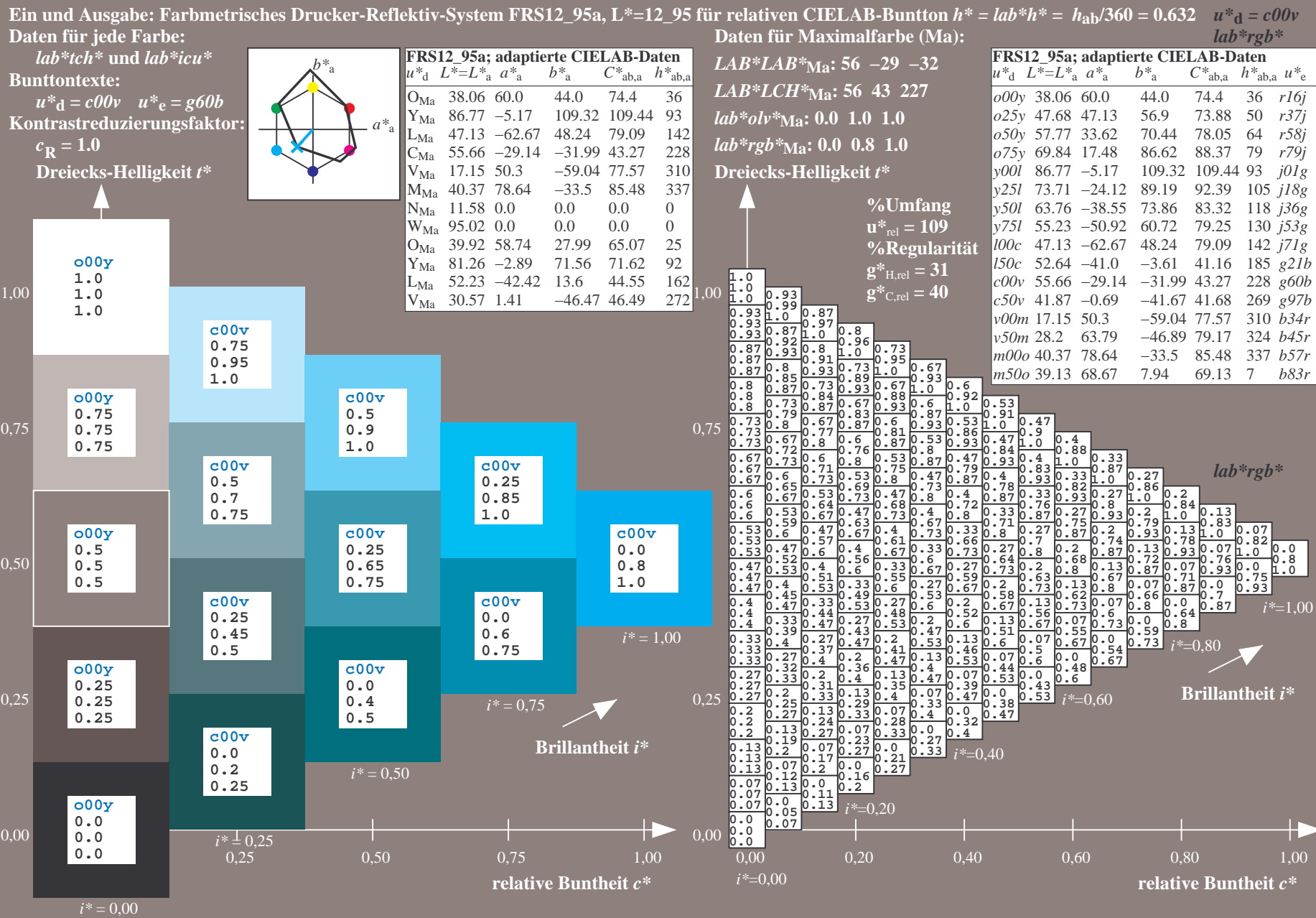
FRS12_95a; adaptierte CIELAB-Daten							
$u_d^*$	$L^*=L_a$	$a_a^*$	$b_a^*$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u_e^*$	
<i>o00y</i>	38.06	60.0	44.0	74.4	36	<i>r16j</i>	
<i>o25y</i>	47.68	47.13	56.9	73.88	50	<i>r37j</i>	
<i>o50y</i>	57.77	33.62	70.44	78.05	64	<i>r58j</i>	
<i>o75y</i>	69.84	17.48	86.62	88.37	79	<i>r79j</i>	
<i>y00l</i>	86.77	-5.17	109.32	109.44	93	<i>j01g</i>	
<i>y25l</i>	73.71	-24.12	89.19	92.39	105	<i>j18g</i>	
<i>y50l</i>	63.76	-38.55	73.86	83.32	118	<i>j36g</i>	
<i>y75l</i>	55.23	-50.92	60.72	79.25	130	<i>j53g</i>	
<i>l00c</i>	47.13	-62.67	48.24	79.09	142	<i>j71g</i>	
<i>l50c</i>	52.64	-41.0	-3.61	41.16	185	<i>g21b</i>	
<i>c00v</i>	55.66	-29.14	-31.99	43.27	228	<i>g60b</i>	
<i>c50v</i>	41.87	-0.69	-41.67	41.68	269	<i>g97b</i>	
<i>v00m</i>	17.15	50.3	-59.04	77.57	310	<i>b34r</i>	
<i>v50m</i>	28.2	63.79	-46.89	79.17	324	<i>b45r</i>	
<i>m00o</i>	40.37	78.64	-33.5	85.48	337	<i>b57r</i>	
<i>m50o</i>	39.13	68.67	7.94	69.13	7	<i>b83r</i>	



BAM-Prüfvorlage Fg62; Relatives Geräte-Farbsystem  
D65: Farbreihen, Datentabellen für 16 Bunttöne 000y

Eingabe: 000n / w / nnn0 / www set...  
Ausgabe: ->cmY0\* setcmykcolor

BAM-Registrierung: 20081001-Fg62/10L/L62g00NA.TXT/.PS BAM-Material: Code=rha4ta  
Anwendung für Beurteilung und Messung von Drucker- oder Monitorsystemen





### Daten für jede Farbe:

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

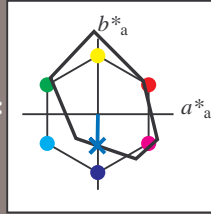
### Bunttexte:

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

## Kontrastreduzierungsfaktor:

$c_R = 1.0$

### Dreiecks-Helligkeit $t^*$



FRS12_95a; adaptierte CIELAB-Daten						
$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	
O <sub>Ma</sub>	38.06	60.0	44.0	74.4	36	
Y <sub>Ma</sub>	86.77	-5.17	109.32	109.44	93	
L <sub>Ma</sub>	47.13	-62.67	48.24	79.09	142	
C <sub>Ma</sub>	55.66	-29.14	-31.99	43.27	228	
V <sub>Ma</sub>	17.15	50.3	-59.04	77.57	310	
M <sub>Ma</sub>	40.37	78.64	-33.5	85.48	337	
N <sub>Ma</sub>	11.58	0.0	0.0	0.0	0	
W <sub>Ma</sub>	95.02	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>: 42 -1 -42**

**LAB\*LCH\*Ma:** 42 42 269

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

*lab\*ol\**<sub>Ma</sub>: 0.0 0.5 1.0  
*lab\*rgb\**<sub>Ma</sub>: 0.0 0.05 1.0

**Dreiecks-Helligkeit  $t^*$**

## %Umfang

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

**%Regular:**

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

FRS12_95a; adaptierte CIELAB-Daten							
$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$	
<i>o00y</i>	38.06	60.0	44.0	74.4	36	<i>r16j</i>	
<i>o25y</i>	47.68	47.13	56.9	73.88	50	<i>r37j</i>	
<i>o50y</i>	57.77	33.62	70.44	78.05	64	<i>r58j</i>	
<i>o75y</i>	69.84	17.48	86.62	88.37	79	<i>r79j</i>	
<i>y00l</i>	86.77	-5.17	109.32	109.44	93	<i>j01g</i>	
<i>y25l</i>	73.71	-24.12	89.19	92.39	105	<i>j18g</i>	
<i>y50l</i>	63.76	-38.55	73.86	83.32	118	<i>j36g</i>	
<i>y75l</i>	55.23	-50.92	60.72	79.25	130	<i>j53g</i>	
<i>l00c</i>	47.13	-62.67	48.24	79.09	142	<i>j71g</i>	
<i>l50c</i>	52.64	-41.0	-3.61	41.16	185	<i>g21b</i>	
<i>c00v</i>	55.66	-29.14	-31.99	43.27	228	<i>g60b</i>	
<i>c50v</i>	41.87	-0.69	-41.67	41.68	269	<i>g97b</i>	
<i>v00m</i>	17.15	50.3	-59.04	77.57	310	<i>b34r</i>	
<i>v50m</i>	28.2	63.79	-46.89	79.17	324	<i>b45r</i>	
<i>m00o</i>	40.37	78.64	-33.5	85.48	337	<i>b57r</i>	
<i>m50o</i>	39.13	68.67	7.94	69.13	7	<i>b83r</i>	

*lab\*rgb\**

$$l^*=1,00$$

## Brillantheit $i^*$

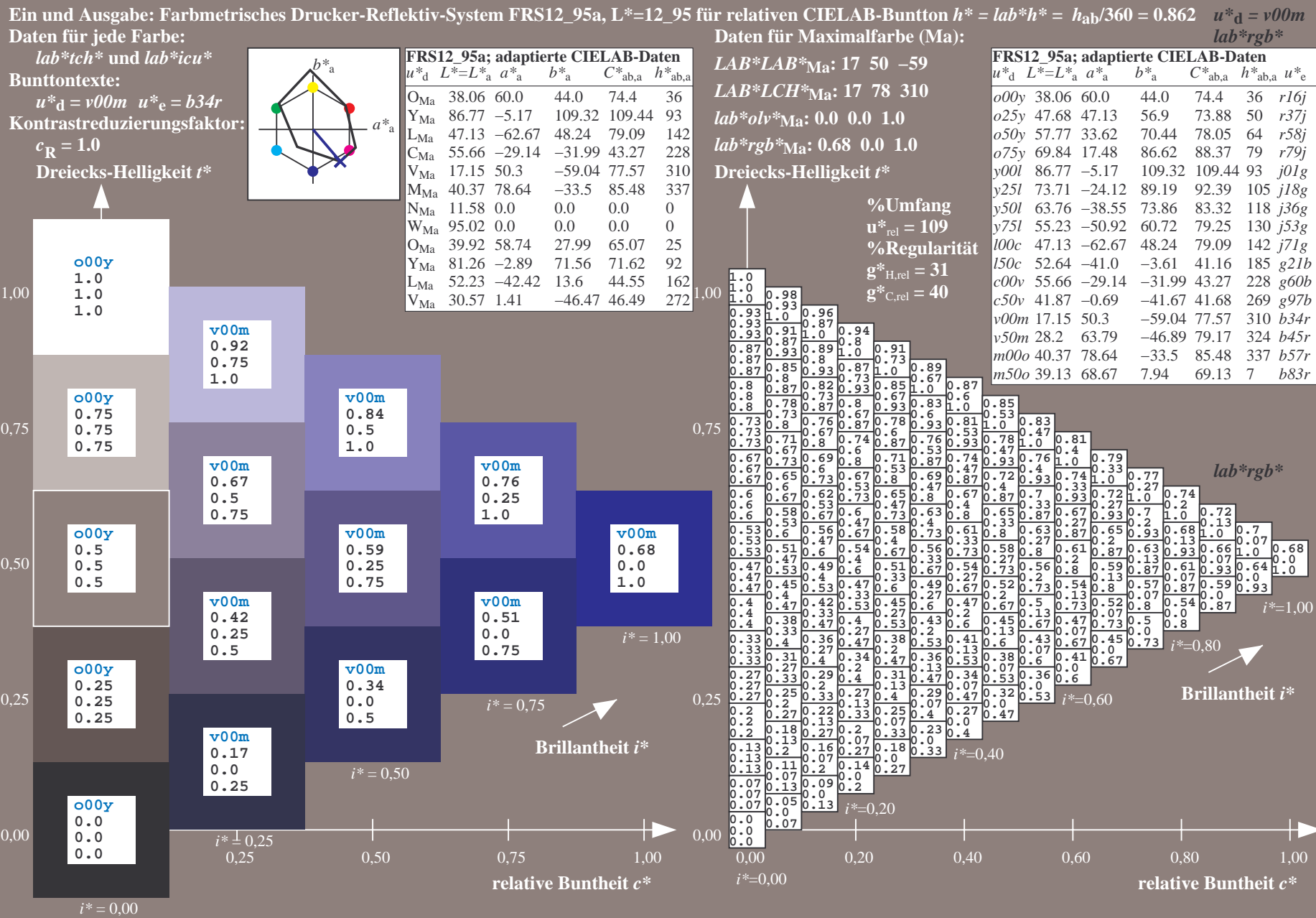
## BAM-Prüfvorlage Fg62: Relatives Geräte-Farbsystem

D65: Farbreihen, Datentabellen für 16 Bunttöne 000y

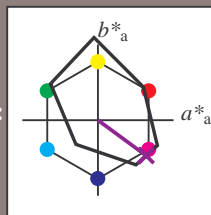
Eingabe:  $000n / w / nnn0 / www\ set...$

DoAusgabe: ->cmv0\* setcmvcolor





Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS12\_95a, L\*=12\_95 für relative CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.899$   $u^*_d = v50m$   
Daten für jede Farbe:  
 $lab^*tch^*$  und  $lab^*icu^*$   
Bunttontexte:  
 $u^*_d = v50m$   $u^*_e = b45r$   
Kontrastreduzierungsfaktor:  
 $c_R = 1.0$   
Dreiecks-Helligkeit  $i^*$



FRS12_95a; adaptierte CIELAB-Daten						
	$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	38.06	60.0	44.0	74.4	36	
Y <sub>Ma</sub>	86.77	-5.17	109.32	109.44	93	
L <sub>Ma</sub>	47.13	-62.67	48.24	79.09	142	
C <sub>Ma</sub>	55.66	-29.14	-31.99	43.27	228	
V <sub>Ma</sub>	17.15	50.3	-59.04	77.57	310	
M <sub>Ma</sub>	40.37	78.64	-33.5	85.48	337	
N <sub>Ma</sub>	11.58	0.0	0.0	0.0	0	
W <sub>Ma</sub>	95.02	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):

$LAB^*LAB^*_{Ma}$ : 28 64 -47

$LAB^*LCH^*_{Ma}$ : 28 79 323

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

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

Dreiecks-Helligkeit  $i^*$

%Umfang

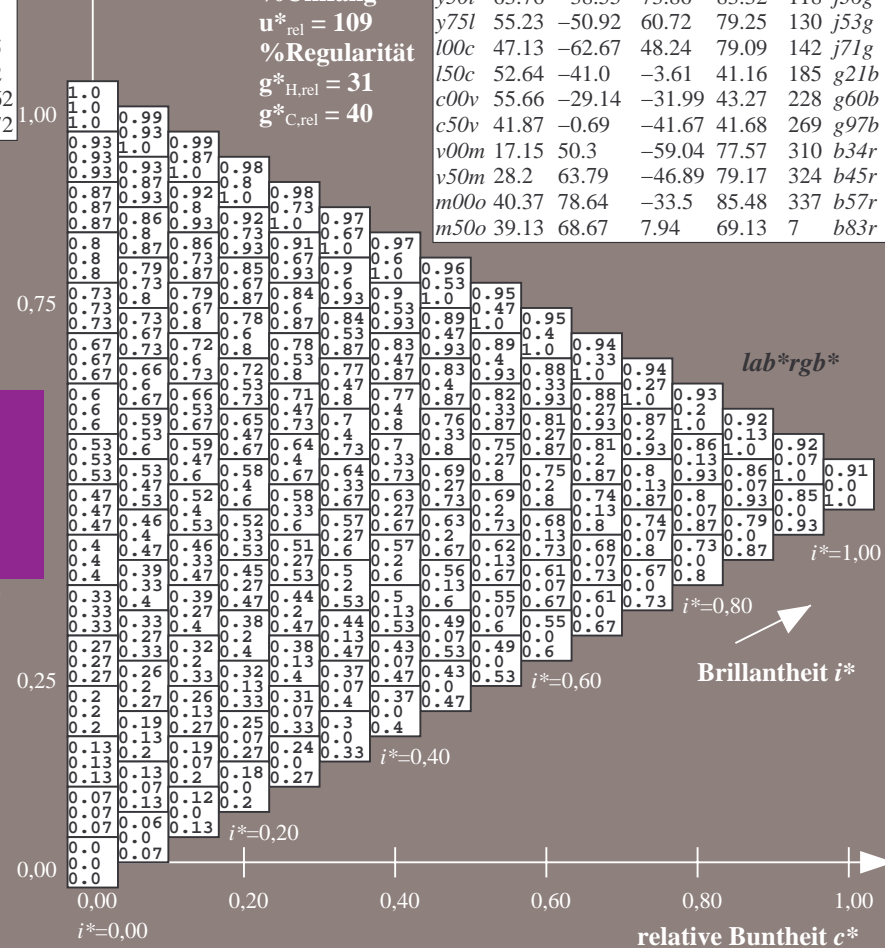
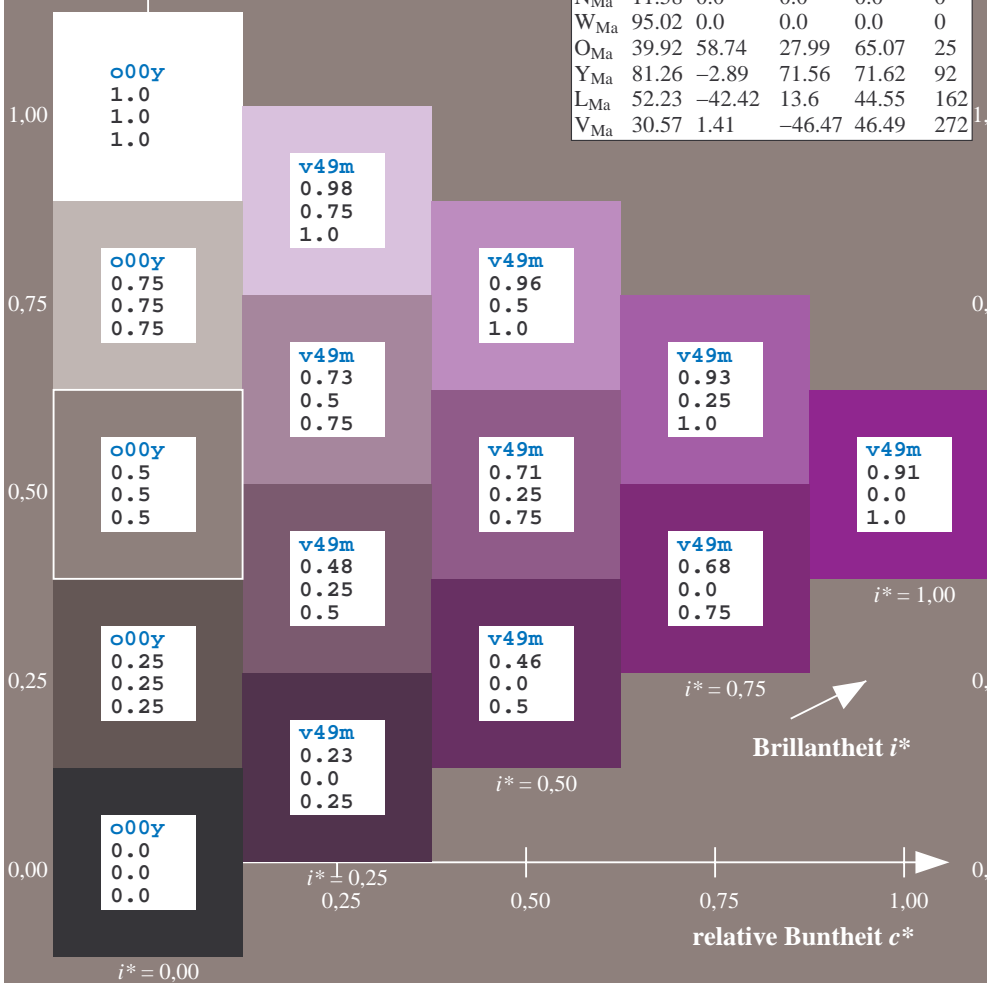
$u^*_{rel} = 109$

%Regularität

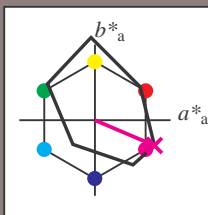
$g^*_{H,rel} = 31$

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

FRS12_95a; adaptierte CIELAB-Daten									
	$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$		
o00y	38.06	60.0	44.0	74.4	36			r16j	
o25y	47.68	47.13	56.9	73.88	50			r37j	
o50y	57.77	33.62	70.44	78.05	64			r58j	
o75y	69.84	17.48	86.62	88.37	79			r79j	
y00l	86.77	-5.17	109.32	109.44	93			j01g	
y25l	73.71	-24.12	89.19	92.39	105			j18g	
y50l	63.76	-38.55	73.86	83.32	118			j36g	
y75l	55.23	-50.92	60.72	79.25	130			j53g	
l00c	47.13	-62.67	48.24	79.09	142			j71g	
l50c	52.64	-41.0	-3.61	41.16	185			g21b	
c00v	55.66	-29.14	-31.99	43.27	228			g60b	
c50v	41.87	-0.69	-41.67	41.68	269			g97b	
v00m	17.15	50.3	-59.04	77.57	310			b34r	
v50m	28.2	63.79	-46.89	79.17	324			b45r	
m00o	40.37	78.64	-33.5	85.48	337			b57r	
m50o	39.13	68.67	7.94	69.13	7			b83r	



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS12\_95a, L\*=12\_95 für relative CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.936$   $u^*_d = m00o$   
Daten für jede Farbe:  
 $lab^*ch^*$  und  $lab^*icu^*$   
Bunttontexte:  
 $u^*_d = m00o$   $u^*_e = b57r$   
Kontrastreduzierungsfaktor:  
 $c_R = 1.0$   
Dreiecks-Helligkeit  $i^*$



FRS12_95a; adaptierte CIELAB-Daten						
$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
O <sub>Ma</sub>	38.06	60.0	44.0	74.4	36	r16j
Y <sub>Ma</sub>	86.77	-5.17	109.32	109.44	93	r37j
L <sub>Ma</sub>	47.13	-62.67	48.24	79.09	142	r58j
C <sub>Ma</sub>	55.66	-29.14	-31.99	43.27	228	r79j
V <sub>Ma</sub>	17.15	50.3	-59.04	77.57	310	j01g
M <sub>Ma</sub>	40.37	78.64	-33.5	85.48	337	j18g
N <sub>Ma</sub>	11.58	0.0	0.0	0.0	0	j36g
W <sub>Ma</sub>	95.02	0.0	0.0	0.0	0	j53g
O <sub>Ma</sub>	39.92	58.74	27.99	65.07	25	j71g
Y <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92	g21b
L <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162	g60b
V <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272	g97b

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 40 79 -34

$LAB^*LCH^*_{Ma}$ : 40 85 336

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

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

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 109$

%Regularität

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

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

FRS12_95a; adaptierte CIELAB-Daten						
$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
o00y	38.06	60.0	44.0	74.4	36	r16j
o25y	47.68	47.13	56.9	73.88	50	r37j
o50y	57.77	33.62	70.44	78.05	64	r58j
o75y	69.84	17.48	86.62	88.37	79	r79j
y00l	86.77	-5.17	109.32	109.44	93	j01g
y25l	73.71	-24.12	89.19	92.39	105	j18g
y50l	63.76	-38.55	73.86	83.32	118	j36g
y75l	55.23	-50.92	60.72	79.25	130	j53g
l00c	47.13	-62.67	48.24	79.09	142	j71g
l50c	52.64	-41.0	-3.61	41.16	185	g21b
c00v	55.66	-29.14	-31.99	43.27	228	g60b
c50v	41.87	-0.69	-41.67	41.68	269	g97b
v00m	17.15	50.3	-59.04	77.57	310	b34r
v50m	28.2	63.79	-46.89	79.17	324	b45r
m00o	40.37	78.64	-33.5	85.48	337	b57r
m50o	39.13	68.67	7.94	69.13	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  $c^*$

relative Buntheit  $c^*$





Siehe ähnliche Dateien: <http://www.ps.bam.de/Fg62/>; [www.ps.bam.de/Fg62/](http://www.ps.bam.de/Fg62/); [www.ps.bam.de/Fg62/](http://www.ps.bam.de/Fg62/)  
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*rgb*		
0.0	0.04	0.07	0.11	0.14	0.18	0.21	0.25	0.28	0.32	0.36	0.40	0.44	0.48	0.52	0.56	0.60	0.64	0.68	0.72	0.76	0.80	0.84	0.88	0.92	0.96	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	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
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
0.09	0.0	0.0	0.0	0.0	0.02	0.06	0.1	0.13	0.13	0.16	0.2	0.23	0.27	0.3	0.34	0.37	0.4	0.43	0.46	0.49	0.52	0.55	0.58	0.61	0.64	0.67	0.7	0.73	0.75	0.77	0.79	0.81	0.83	0.85	0.87	0.89	0.91	0.93	0.95	0.97
0.0	0.1	0.25	0.38	0.5	0.63	0.75	0.88	1.0	1.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	1.0	0.15	0.25	0.38	0.5	0.63	0.75	0.88	1.0	1.0	0.98	0.88	0.77	0.67	0.56	0.46	0.35	0.25	0.14	0.13	0.13	0.13	
0.13	0.13	0.1	0.06	0.01	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	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13
0.17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.23	0.21	0.13	0.13	0.13	0.13	0.13	0.15	0.19	0.22	0.25	0.28	0.32	0.36	0.39	0.43	0.46	0.49	0.52	0.55	0.58	0.61	0.64	0.67	0.7	0.73	0.75	0.77	0.79	0.81	0.83	0.85
0.0	0.01	0.2	0.38	0.5	0.63	0.75	0.88	1.0	1.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	1.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	1.0	0.95	0.85	0.75	0.65	0.54	0.44	0.33	0.23	0.12	0.25	0.25	0.25	
0.25	0.25	0.25	0.25	0.21	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	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25
0.26	0.07	0.0	0.0	0.0	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	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	
0.0	0.0	0.11	0.3	0.5	0.63	0.75	0.88	1.0	1.0	0.13	0.14	0.33	0.5	0.63	0.75	0.88	1.0	1.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	1.0	0.93	0.83	0.73	0.63	0.52	0.42	0.31	0.21	0.1	0.38	0.38	0.38	
0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
0.0	0.0	0.02	0.21	0.4	0.63	0.75	0.88	1.0	1.0	0.13	0.13	0.24	0.43	0.63	0.75	0.88	1.0	1.0	0.13	0.25	0.26	0.45	0.63	0.75	0.88	1.0	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.29	0.19	0.08	0.5	0.5	0.5	
0.5	0.5	0.5	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	0.5	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	
0.43	0.24	0.06	0.0	0.0	0.0	0.0	0.0	0.0	0.48	0.47	0.28	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	
0.0	0.0	0.0	0.13	0.31	0.5	0.75	0.88	1.0	1.0	0.13	0.13	0.15	0.34	0.53	0.75	0.88	1.0	1.0	0.13	0.25	0.35	0.55	0.75	0.88	1.0	1.0	0.88	0.78	0.68	0.58	0.48	0.38	0.27	0.17	0.06	0.63	0.63	0.63		
0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63		
0.51	0.33	0.15	0.0	0.0	0.0	0.0	0.0	0.0	0.57	0.55	0.37	0.19	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13		
0.0	0.0	0.0	0.04	0.23	0.41	0.6	0.88	1.0	1.0	0.13	0.13	0.13	0.25	0.44	0.63	0.88	1.0	1.0	0.13	0.25	0.27	0.46	0.65	0.88	1.0	1.0	0.85	0.75	0.65	0.55	0.45	0.35	0.25	0.15	0.04	0.75	0.75	0.75		
0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.85	0.81	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.83	0.78	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	
0.6	0.41	0.23	0.05	0.0	0.0	0.0	0.0	0.0	0.65	0.64	0.45	0.27	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13		
0.0	0.0	0.0	0.0	0.14	0.33	0.52	0.7	1.0	1.0	0.13	0.13	0.13	0.16	0.35	0.54	0.73	1.0	1.0	0.13	0.25	0.29	0.38	0.56	0.75	1.0	1.0	0.83	0.73	0.63	0.53	0.43	0.33	0.23	0.13	0.02	0.88	0.88	0.88		
0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88		
0.68	0.5	0.32	0.13	0.0	0.0	0.0	0.0	0.0	0.74	0.72	0.54	0.36	0.17	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13		
0.0	0.0	0.0	0.0	0.05	0.24	0.43	0.62	0.8	1.0	1.0	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13		
0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38		
0.06	0.17	0.27	0.38	0.5	0.63	0.75	0.88	1.0	1.0	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13		
0.38	0.38	0.38	0.37	0.41	0.44	0.48	0.52	0.55	0.5	0.5	0.5	0.5	0.5	0.53	0.57	0.6	0.64	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63		
0.0	0.17	0.27	0.38	0.5	0.63	0.75	0.88	1.0	1.0	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13		
0.06	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13		
0.38	0.38	0.38	0.37	0.41	0.45	0.48	0.52	0.55	0.5	0.5	0.5	0.5	0.5	0.53	0.57	0.6	0.64	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63		
0.0	0.13	0.27	0.38	0.5	0.63	0.75	0.88	1.0	1.0	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13		
0.19	0.21	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.17	0.18	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	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	0.41	0.45	0.48	0.52	0.55	0.5	0.5	0.5	0.5	0.5	0.53	0.57	0.61	0.64	0.63	0.63	0.63	0.63	0.63	0.63	0.63																



Ein und Ausgabe:  
Farbmetrisches Drucker-Reflektiv-System FRS12\_95a  
Daten für jede Farbe:

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

Geräte-Bunttontext:

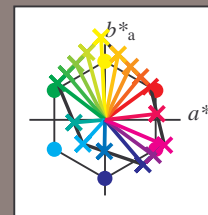
$u^*_d$  = 16 Bunttoene  $o00y$ ,  $o25y$ , ...,  $m50o$

Kontrastreduzierungsfaktor:

$c_R = 1.0$

FRS12\_95a; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
$o00y$	38.06	60.0	44.0	74.4	36	$r16j$
$o25y$	47.68	47.13	56.9	73.88	50	$r37j$
$o50y$	57.77	33.62	70.44	78.05	64	$r58j$
$o75y$	69.84	17.48	86.62	88.37	79	$r79j$
$y00l$	86.77	-5.17	109.32	109.44	93	$j01g$
$y25l$	73.71	-24.12	89.19	92.39	105	$j18g$
$y50l$	63.76	-38.55	73.86	83.32	118	$j36g$
$y75l$	55.23	-50.92	60.72	79.25	130	$j53g$
$l00c$	47.13	-62.67	48.24	79.09	142	$j71g$
$l50c$	52.64	-41.0	-3.61	41.16	185	$g21b$
$c00v$	55.66	-29.14	-31.99	43.27	228	$g60b$
$c50v$	41.87	-0.69	-41.67	41.68	269	$g97b$
$v00m$	17.15	50.3	-59.04	77.57	310	$b34r$
$v50m$	28.2	63.79	-46.89	79.17	324	$b45r$
$m00o$	40.37	78.64	-33.5	85.48	337	$b57r$
$m50o$	39.13	68.67	7.94	69.13	7	$b83r$



%Umfang

$u^*_{rel} = 109$

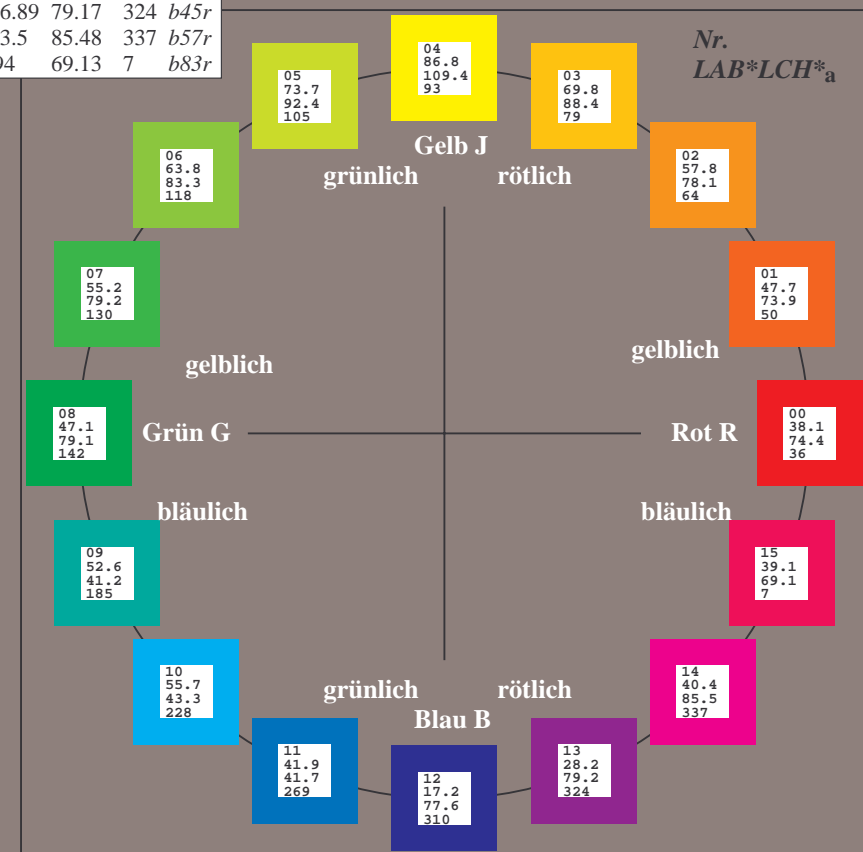
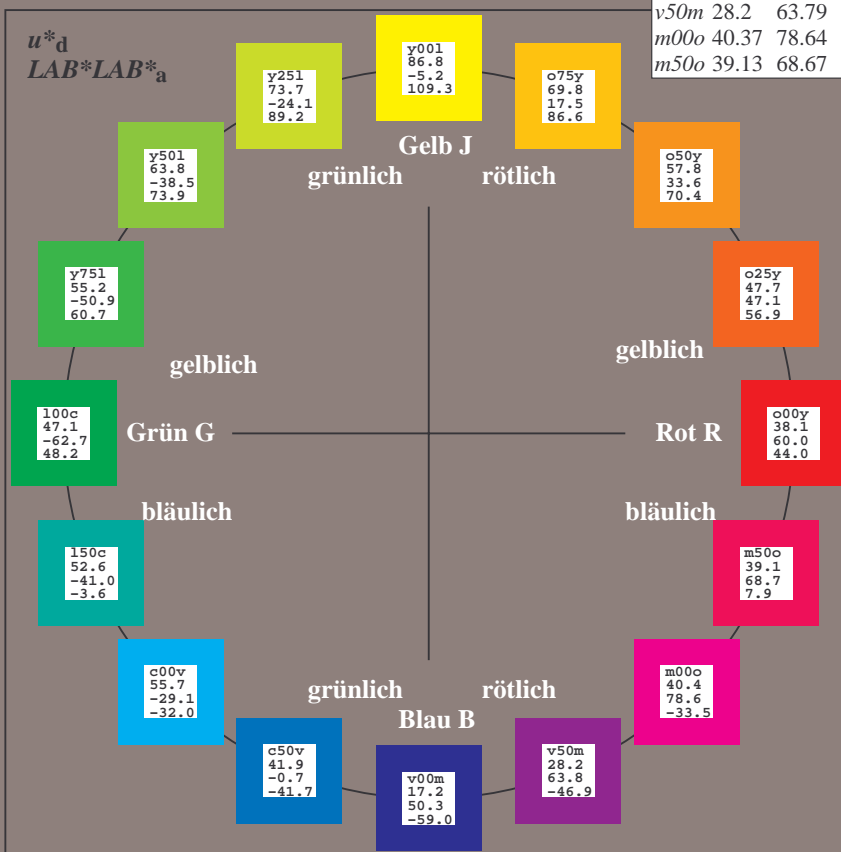
%Regularität

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

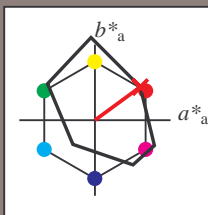
$g^*_{C,rel} = 40$

FRS12\_95a; adaptierte CIELAB-Daten

Name	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
$O_{Ma}$	38.06	60.0	44.0	74.4	36
$Y_{Ma}$	86.77	-5.17	109.32	109.44	93
$L_{Ma}$	47.13	-62.67	48.24	79.09	142
$C_{Ma}$	55.66	-29.14	-31.99	43.27	228
$V_{Ma}$	17.15	50.3	-59.04	77.57	310
$M_{Ma}$	40.37	78.64	-33.5	85.48	337
$N_{Ma}$	11.58	0.0	0.0	0.0	0
$W_{Ma}$	95.02	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 FRS12\_95a, L\*=12\_95 für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.101$   $u^*_d = o00y$   
Daten für jede Farbe:  
 $lab^*ch^*$  und  $lab^*icu^*$   
Bunttontexte:  
 $u^*_d = o00y$   $u^*_e = r16j$   
Kontrastreduzierungsfaktor:  
 $c_R = 1.0$   
Dreiecks-Helligkeit  $i^*$



FRS12_95a; adaptierte CIELAB-Daten						
$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
O <sub>Ma</sub>	38.06	60.0	44.0	74.4	36	r16j
Y <sub>Ma</sub>	86.77	-5.17	109.32	109.44	93	r37j
L <sub>Ma</sub>	47.13	-62.67	48.24	79.09	142	r58j
C <sub>Ma</sub>	55.66	-29.14	-31.99	43.27	228	r79j
V <sub>Ma</sub>	17.15	50.3	-59.04	77.57	310	j01g
M <sub>Ma</sub>	40.37	78.64	-33.5	85.48	337	j18g
N <sub>Ma</sub>	11.58	0.0	0.0	0.0	0	j36g
W <sub>Ma</sub>	95.02	0.0	0.0	0.0	0	j53g
O <sub>Ma</sub>	39.92	58.74	27.99	65.07	25	j71g
Y <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92	g21b
L <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162	g60b
V <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272	g97b

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 38 60 44

$LAB^*LCH^*_{Ma}$ : 38 74 36

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

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

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 109$

%Regularität

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

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

FRS12_95a; adaptierte CIELAB-Daten						
$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
o00y	38.06	60.0	44.0	74.4	36	r16j
o25y	47.68	47.13	56.9	73.88	50	r37j
o50y	57.77	33.62	70.44	78.05	64	r58j
o75y	69.84	17.48	86.62	88.37	79	r79j
y00l	86.77	-5.17	109.32	109.44	93	j01g
y25l	73.71	-24.12	89.19	92.39	105	j18g
y50l	63.76	-38.55	73.86	83.32	118	j36g
y75l	55.23	-50.92	60.72	79.25	130	j53g
l00c	47.13	-62.67	48.24	79.09	142	j71g
l50c	52.64	-41.0	-3.61	41.16	185	g21b
c00v	55.66	-29.14	-31.99	43.27	228	g60b
c50v	41.87	-0.69	-41.67	41.68	269	g97b
v00m	17.15	50.3	-59.04	77.57	310	b34r
v50m	28.2	63.79	-46.89	79.17	324	b45r
m00o	40.37	78.64	-33.5	85.48	337	b57r
m50o	39.13	68.67	7.94	69.13	7	b83r

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

$i^*=1.00$

Brillantheit  $i^*$

$i^*=0.80$

$i^*=0.60$

$i^*=0.40$

$i^*=0.20$

$i^*=0.00$

relative Buntheit  $c^*$

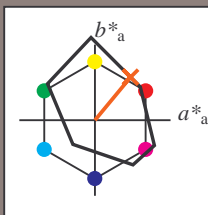
relative Buntheit  $c^*$

Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS12\_95a, L\*=12\_95 für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.14$   $u^*_d = o25y$   
Daten für jede Farbe:  $lab^*ch^*$  und  $lab^*icu^*$   $LAB^*LAB^*_a$

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

Kontrastreduzierungsfaktor:  
 $c_R = 1.0$

Dreiecks-Helligkeit  $i^*$



FRS12_95a; adaptierte CIELAB-Daten						
$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
O <sub>Ma</sub>	38.06	60.0	44.0	74.4	36	r16j
Y <sub>Ma</sub>	86.77	-5.17	109.32	109.44	93	r37j
L <sub>Ma</sub>	47.13	-62.67	48.24	79.09	142	r58j
C <sub>Ma</sub>	55.66	-29.14	-31.99	43.27	228	r79j
V <sub>Ma</sub>	17.15	50.3	-59.04	77.57	310	j01g
M <sub>Ma</sub>	40.37	78.64	-33.5	85.48	337	j18g
N <sub>Ma</sub>	11.58	0.0	0.0	0.0	0	j36g
W <sub>Ma</sub>	95.02	0.0	0.0	0.0	0	j53g
O <sub>Ma</sub>	39.92	58.74	27.99	65.07	25	j71g
Y <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92	g21b
L <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162	g60b
V <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272	g97b

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_Ma$ : 48 47 57

$LAB^*LCH^*_Ma$ : 48 74 50

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

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

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 109$

%Regularität

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

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

FRS12_95a; adaptierte CIELAB-Daten						
$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
o00y	38.06	60.0	44.0	74.4	36	r16j
o25y	47.68	47.13	56.9	73.88	50	r37j
o50y	57.77	33.62	70.44	78.05	64	r58j
o75y	69.84	17.48	86.62	88.37	79	r79j
y00l	86.77	-5.17	109.32	109.44	93	j01g
y25l	73.71	-24.12	89.19	92.39	105	j18g
y50l	63.76	-38.55	73.86	83.32	118	j36g
y75l	55.23	-50.92	60.72	79.25	130	j53g
l00c	47.13	-62.67	48.24	79.09	142	j71g
l50c	52.64	-41.0	-3.61	41.16	185	g21b
c00v	55.66	-29.14	-31.99	43.27	228	g60b
c50v	41.87	-0.69	-41.67	41.68	269	g97b
v00m	17.15	50.3	-59.04	77.57	310	b34r
v50m	28.2	63.79	-46.89	79.17	324	b45r
m00o	40.37	78.64	-33.5	85.48	337	b57r
m50o	39.13	68.67	7.94	69.13	7	b83r

$LAB^*LAB^*_a$

$i^*=1.00$

Brillantheit  $i^*$

$i^*=0.80$

$i^*=0.60$

$i^*=0.40$

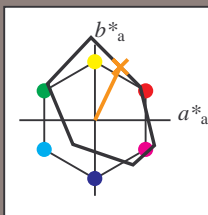
$i^*=0.20$

$i^*=0.00$

relative Buntheit  $c^*$

relative Buntheit  $c^*$

Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS12\_95a, L\*=12\_95 für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.179$   $u^*_d = o50y$   
Daten für jede Farbe:  
 $lab^*ch^*$  und  $lab^*icu^*$   
Bunttontexte:  
 $u^*_d = o50y$   $u^*_e = r58j$   
Kontrastreduzierungsfaktor:  
 $c_R = 1.0$   
Dreiecks-Helligkeit  $i^*$



FRS12_95a; adaptierte CIELAB-Daten						
$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
O <sub>Ma</sub>	38.06	60.0	44.0	74.4	36	r16j
Y <sub>Ma</sub>	86.77	-5.17	109.32	109.44	93	r37j
L <sub>Ma</sub>	47.13	-62.67	48.24	79.09	142	r58j
C <sub>Ma</sub>	55.66	-29.14	-31.99	43.27	228	r79j
V <sub>Ma</sub>	17.15	50.3	-59.04	77.57	310	j01g
M <sub>Ma</sub>	40.37	78.64	-33.5	85.48	337	j18g
N <sub>Ma</sub>	11.58	0.0	0.0	0.0	0	j36g
W <sub>Ma</sub>	95.02	0.0	0.0	0.0	0	j53g
O <sub>Ma</sub>	39.92	58.74	27.99	65.07	25	j71g
Y <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92	g21b
L <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162	g60b
V <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272	g97b

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_Ma$ : 58 34 70

$LAB^*LCH^*_Ma$ : 58 78 64

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

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

Dreiecks-Helligkeit  $i^*$

%Umfang

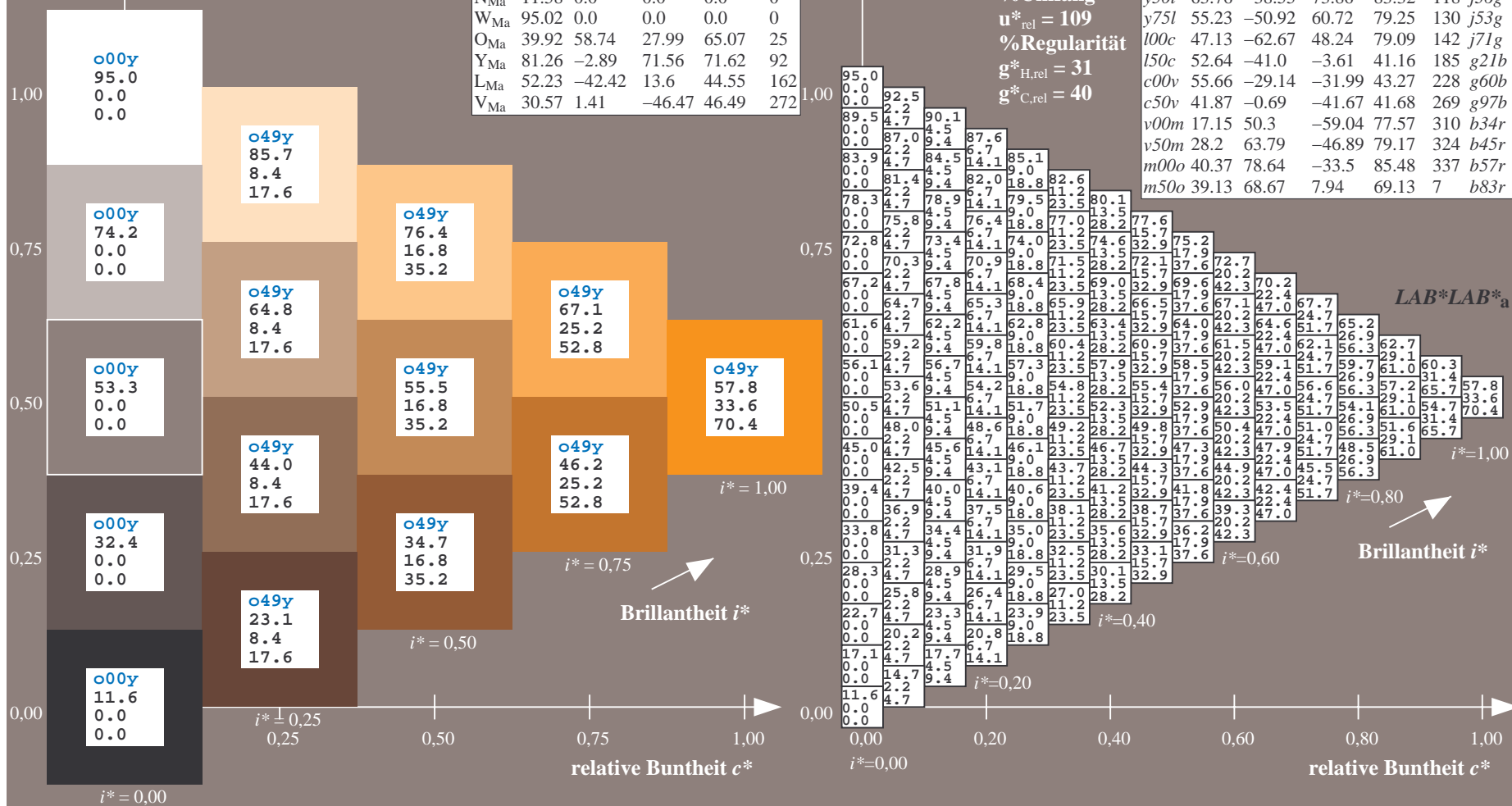
$u^*_{rel} = 109$

%Regularität

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

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

FRS12_95a; adaptierte CIELAB-Daten						
$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
o00y	38.06	60.0	44.0	74.4	36	r16j
o25y	47.68	47.13	56.9	73.88	50	r37j
o50y	57.77	33.62	70.44	78.05	64	r58j
o75y	69.84	17.48	86.62	88.37	79	r79j
y00l	86.77	-5.17	109.32	109.44	93	j01g
y25l	73.71	-24.12	89.19	92.39	105	j18g
y50l	63.76	-38.55	73.86	83.32	118	j36g
y75l	55.23	-50.92	60.72	79.25	130	j53g
l00c	47.13	-62.67	48.24	79.09	142	j71g
l50c	52.64	-41.0	-3.61	41.16	185	g21b
c00v	55.66	-29.14	-31.99	43.27	228	g60b
c50v	41.87	-0.69	-41.67	41.68	269	g97b
v00m	17.15	50.3	-59.04	77.57	310	b34r
v50m	28.2	63.79	-46.89	79.17	324	b45r
m00o	40.37	78.64	-33.5	85.48	337	b57r
m50o	39.13	68.67	7.94	69.13	7	b83r



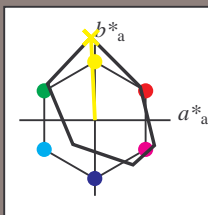


**Figure 6**





Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS12\_95a, L\*=12\_95 für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.258$   $u^*_d = y00l$   
Daten für jede Farbe:  
 $lab^*tch^*$  und  $lab^*icu^*$   
Bunttontexte:  
 $u^*_d = y00l$   $u^*_e = j01g$   
Kontrastreduzierungsfaktor:  
 $c_R = 1.0$   
Dreiecks-Helligkeit  $t^*$



FRS12_95a; adaptierte CIELAB-Daten					
$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	38.06	60.0	44.0	74.4	36
Y <sub>Ma</sub>	86.77	-5.17	109.32	109.44	93
L <sub>Ma</sub>	47.13	-62.67	48.24	79.09	142
C <sub>Ma</sub>	55.66	-29.14	-31.99	43.27	228
V <sub>Ma</sub>	17.15	50.3	-59.04	77.57	310
M <sub>Ma</sub>	40.37	78.64	-33.5	85.48	337
N <sub>Ma</sub>	11.58	0.0	0.0	0.0	0
W <sub>Ma</sub>	95.02	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):

$LAB^*LAB^*_Ma$ : 87 -5 109

$LAB^*LCH^*_Ma$ : 87 109 92

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

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

Dreiecks-Helligkeit  $t^*$

%Umfang

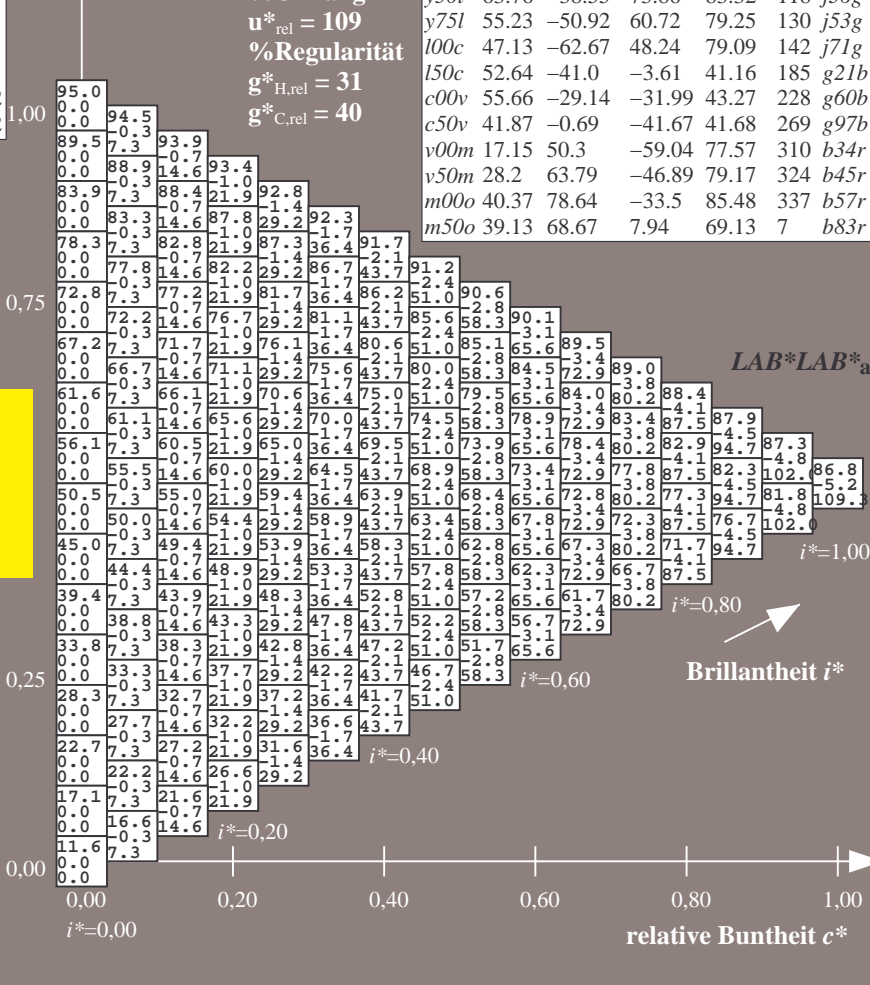
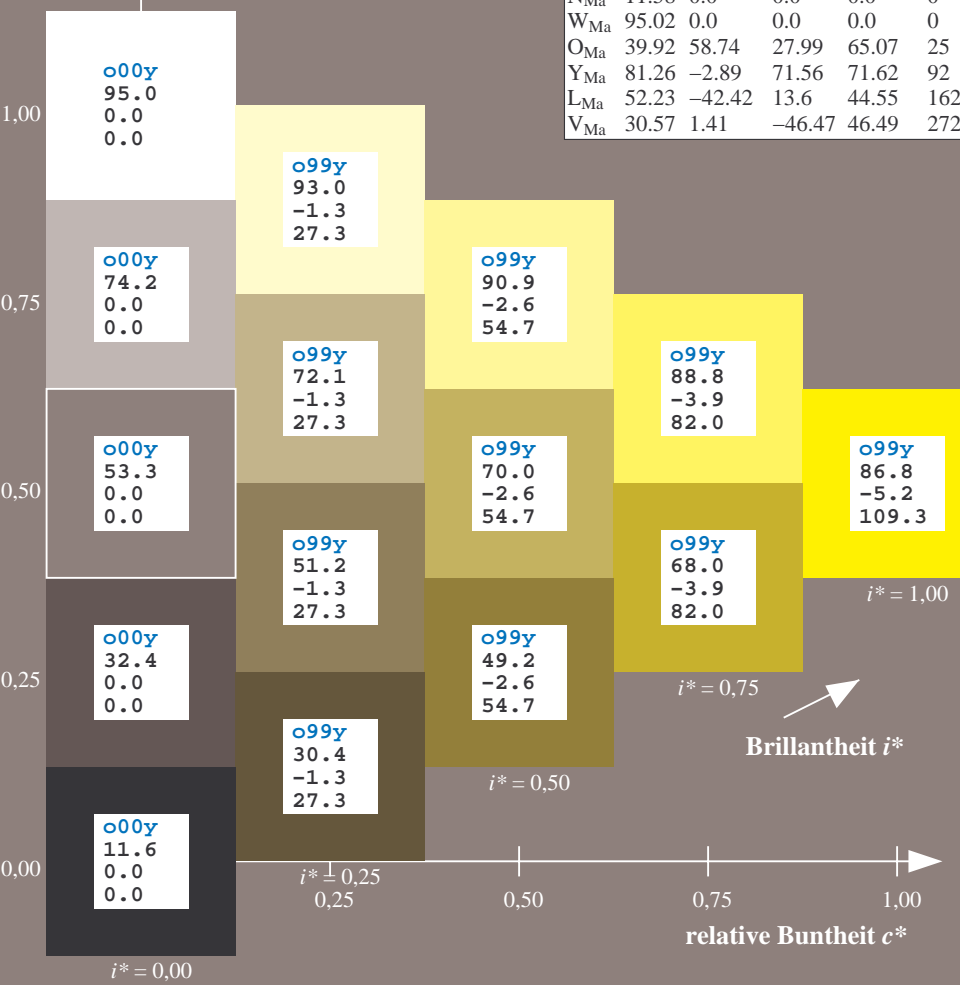
$u^*_{rel} = 109$

%Regularität

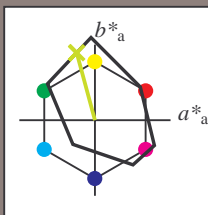
$g^*_{H,rel} = 31$

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

FRS12_95a; adaptierte CIELAB-Daten					
$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
$o00y$	38.06	60.0	44.0	74.4	36
$o25y$	47.68	47.13	56.9	73.88	50
$o50y$	57.77	33.62	70.44	78.05	64
$o75y$	69.84	17.48	86.62	88.37	79
$y00l$	86.77	-5.17	109.32	109.44	93
$y25l$	73.71	-24.12	89.19	92.39	105
$y50l$	63.76	-38.55	73.86	83.32	118
$y75l$	55.23	-50.92	60.72	79.25	130
$l00c$	47.13	-62.67	48.24	79.09	142
$l50c$	52.64	-41.0	-3.61	41.16	185
$c00v$	55.66	-29.14	-31.99	43.27	228
$c50v$	41.87	-0.69	-41.67	41.68	269
$v00m$	17.15	50.3	-59.04	77.57	310
$v50m$	28.2	63.79	-46.89	79.17	324
$m00o$	40.37	78.64	-33.5	85.48	337
$m50o$	39.13	68.67	7.94	69.13	7



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS12\_95a, L\*=12\_95 für relative CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.292$   $u^*_d = y25l$   
Daten für jede Farbe:  
 $lab^*tch^*$  und  $lab^*icu^*$   
Bunttontexte:  
 $u^*_d = y25l$   $u^*_e = j18g$   
Kontrastreduzierungsfaktor:  
 $c_R = 1.0$   
Dreiecks-Helligkeit  $i^*$



FRS12_95a; adaptierte CIELAB-Daten					
$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	38.06	60.0	44.0	74.4	36
Y <sub>Ma</sub>	86.77	-5.17	109.32	109.44	93
L <sub>Ma</sub>	47.13	-62.67	48.24	79.09	142
C <sub>Ma</sub>	55.66	-29.14	-31.99	43.27	228
V <sub>Ma</sub>	17.15	50.3	-59.04	77.57	310
M <sub>Ma</sub>	40.37	78.64	-33.5	85.48	337
N <sub>Ma</sub>	11.58	0.0	0.0	0.0	0
W <sub>Ma</sub>	95.02	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):

$LAB^*LAB^*_{Ma}$ : 74 -24 89

$LAB^*LCH^*_{Ma}$ : 74 92 105

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

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

Dreiecks-Helligkeit  $i^*$

%Umfang

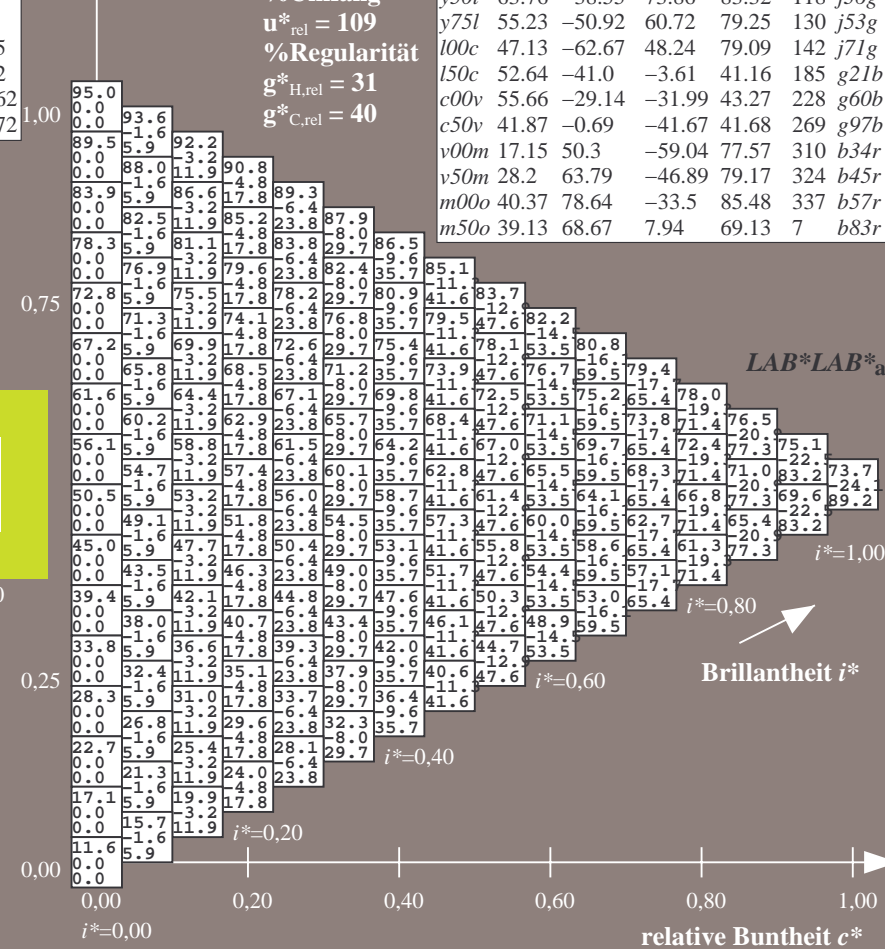
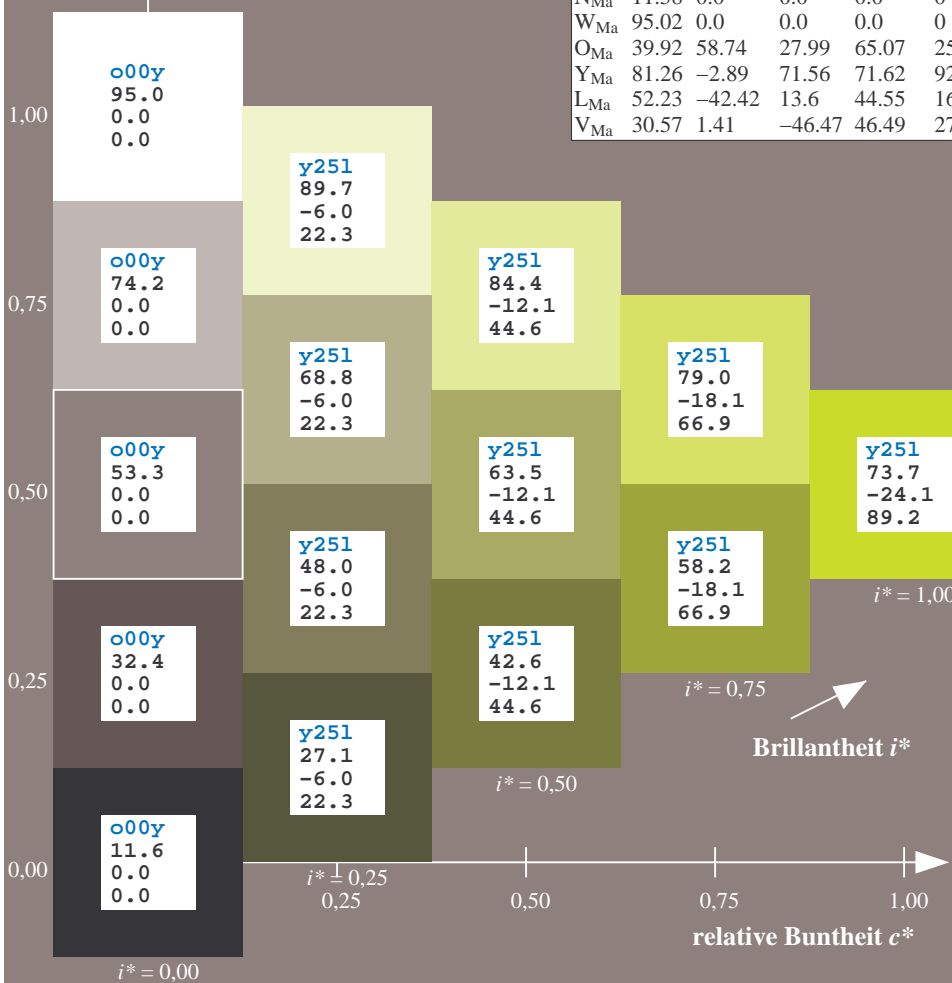
$u^*_{rel} = 109$

%Regularität

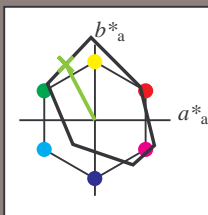
$g^*_{H,rel} = 31$

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

FRS12_95a; adaptierte CIELAB-Daten					
$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
$o00y$	38.06	60.0	44.0	74.4	36
$o25y$	47.68	47.13	56.9	73.88	50
$o50y$	57.77	33.62	70.44	78.05	64
$o75y$	69.84	17.48	86.62	88.37	79
$y00l$	86.77	-5.17	109.32	109.44	93
$y25l$	73.71	-24.12	89.19	92.39	105
$y50l$	63.76	-38.55	73.86	83.32	118
$y75l$	55.23	-50.92	60.72	79.25	130
$l00c$	47.13	-62.67	48.24	79.09	142
$l50c$	52.64	-41.0	-3.61	41.16	185
$c00v$	55.66	-29.14	-31.99	43.27	228
$c50v$	41.87	-0.69	-41.67	41.68	269
$v00m$	17.15	50.3	-59.04	77.57	310
$v50m$	28.2	63.79	-46.89	79.17	324
$m00o$	40.37	78.64	-33.5	85.48	337
$m50o$	39.13	68.67	7.94	69.13	7



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS12\_95a, L\*=12\_95 für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.327$   $u^*_d = y50l$   
Daten für jede Farbe:  
 $lab^*ch^*$  und  $lab^*icu^*$   
Bunttontexte:  
 $u^*_d = y50l$   $u^*_e = j36g$   
Kontrastreduzierungsfaktor:  
 $c_R = 1.0$   
Dreiecks-Helligkeit  $i^*$



FRS12_95a; adaptierte CIELAB-Daten					
$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	38.06	60.0	44.0	74.4	36
Y <sub>Ma</sub>	86.77	-5.17	109.32	109.44	93
L <sub>Ma</sub>	47.13	-62.67	48.24	79.09	142
C <sub>Ma</sub>	55.66	-29.14	-31.99	43.27	228
V <sub>Ma</sub>	17.15	50.3	-59.04	77.57	310
M <sub>Ma</sub>	40.37	78.64	-33.5	85.48	337
N <sub>Ma</sub>	11.58	0.0	0.0	0.0	0
W <sub>Ma</sub>	95.02	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):

$LAB^*LAB^*_{Ma}$ : 64 -39 74

$LAB^*LCH^*_{Ma}$ : 64 83 117

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

$lab^*rgb^*_{Ma}$ : 0.64 1.0 0.0

Dreiecks-Helligkeit  $i^*$

%Umfang

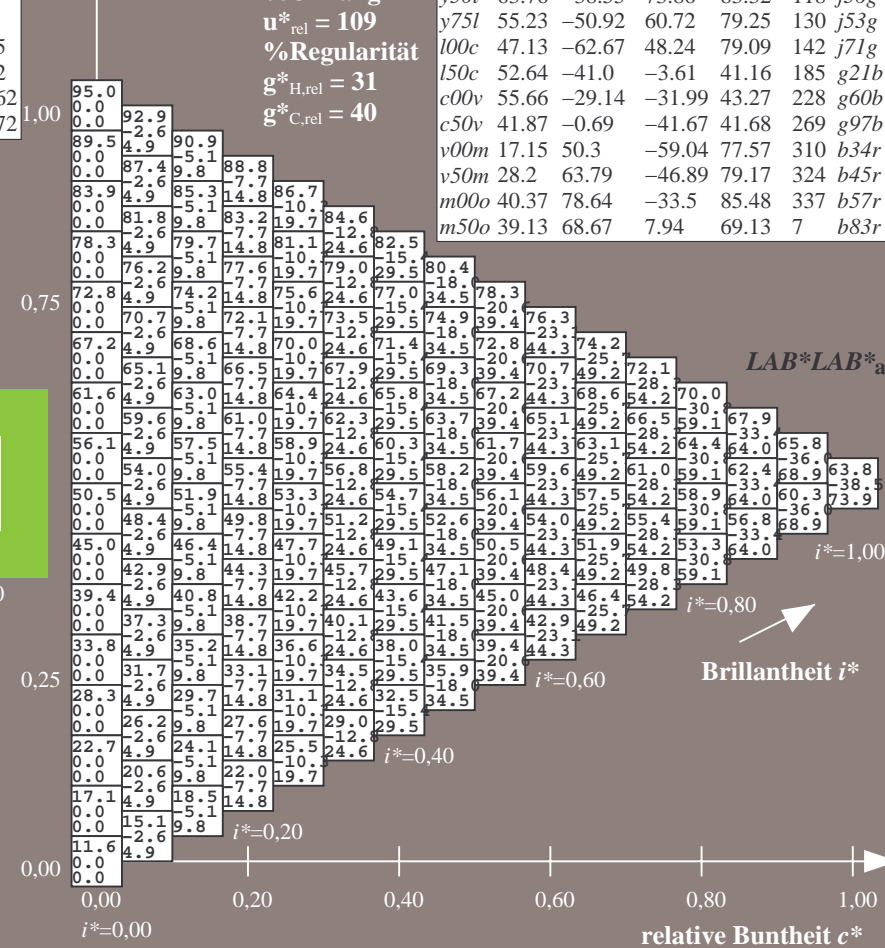
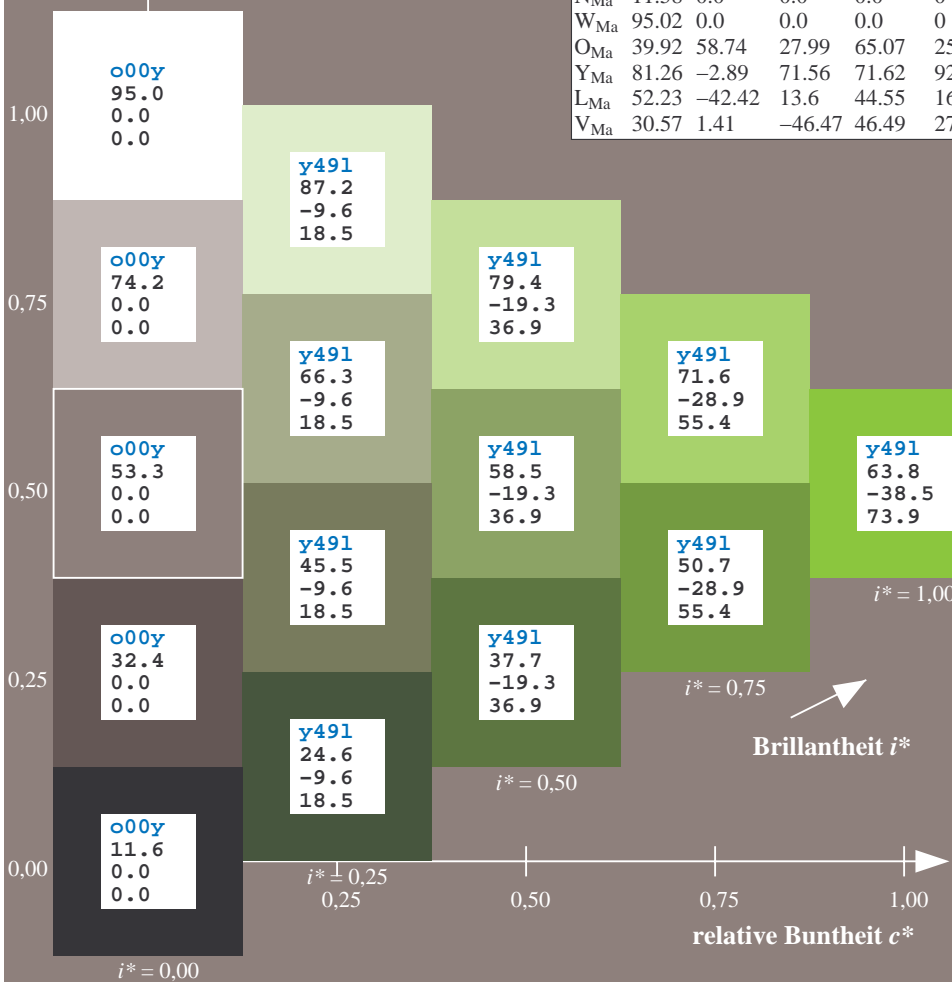
$u^*_{rel} = 109$

%Regularität

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

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

FRS12_95a; adaptierte CIELAB-Daten					
$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
$o00y$	38.06	60.0	44.0	74.4	36
$o25y$	47.68	47.13	56.9	73.88	50
$o50y$	57.77	33.62	70.44	78.05	64
$o75y$	69.84	17.48	86.62	88.37	79
$y00l$	86.77	-5.17	109.32	109.44	93
$y25l$	73.71	-24.12	89.19	92.39	105
$y50l$	63.76	-38.55	73.86	83.32	118
$y75l$	55.23	-50.92	60.72	79.25	130
$l00c$	47.13	-62.67	48.24	79.09	142
$l50c$	52.64	-41.0	-3.61	41.16	185
$c00v$	55.66	-29.14	-31.99	43.27	228
$c50v$	41.87	-0.69	-41.67	41.68	269
$v00m$	17.15	50.3	-59.04	77.57	310
$v50m$	28.2	63.79	-46.89	79.17	324
$m00o$	40.37	78.64	-33.5	85.48	337
$m50o$	39.13	68.67	7.94	69.13	7



Ein und Ausgabe: Farbmétrisches Drucker-Reflektiv-System FRS12\_95a, L\*=12\_95

Daten für jede Farbe:

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

Bunttontexte:

$u^*_d = y75l$     $u^*_e = j53g$

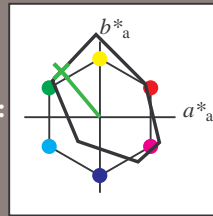
Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $t^*$

FRS12_95a; adaptierte CIELAB-Daten					
$u^*_d$	$L^* = L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	38.06	60.0	44.0	74.4	36
Y <sub>Ma</sub>	86.77	-5.17	109.32	109.44	93
L <sub>Ma</sub>	47.13	-62.67	48.24	79.09	142
C <sub>Ma</sub>	55.66	-29.14	-31.99	43.27	228
V <sub>Ma</sub>	17.15	50.3	-59.04	77.57	310

FRS12_95a; adaptierte CIELAB-Daten						
$u_d^*$	$L^*=L_a^*$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	
O <sub>Ma</sub>	38.06	60.0	44.0	74.4	36	
Y <sub>Ma</sub>	86.77	-5.17	109.32	109.44	93	
L <sub>Ma</sub>	47.13	-62.67	48.24	79.09	142	
C <sub>Ma</sub>	55.66	-29.14	-31.99	43.27	228	
V <sub>Ma</sub>	17.15	50.3	-59.04	77.57	310	
M <sub>Ma</sub>	40.37	78.64	-33.5	85.48	337	
N <sub>Ma</sub>	11.58	0.0	0.0	0.0	0	
W <sub>Ma</sub>	95.02	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>: 55 -51 61***

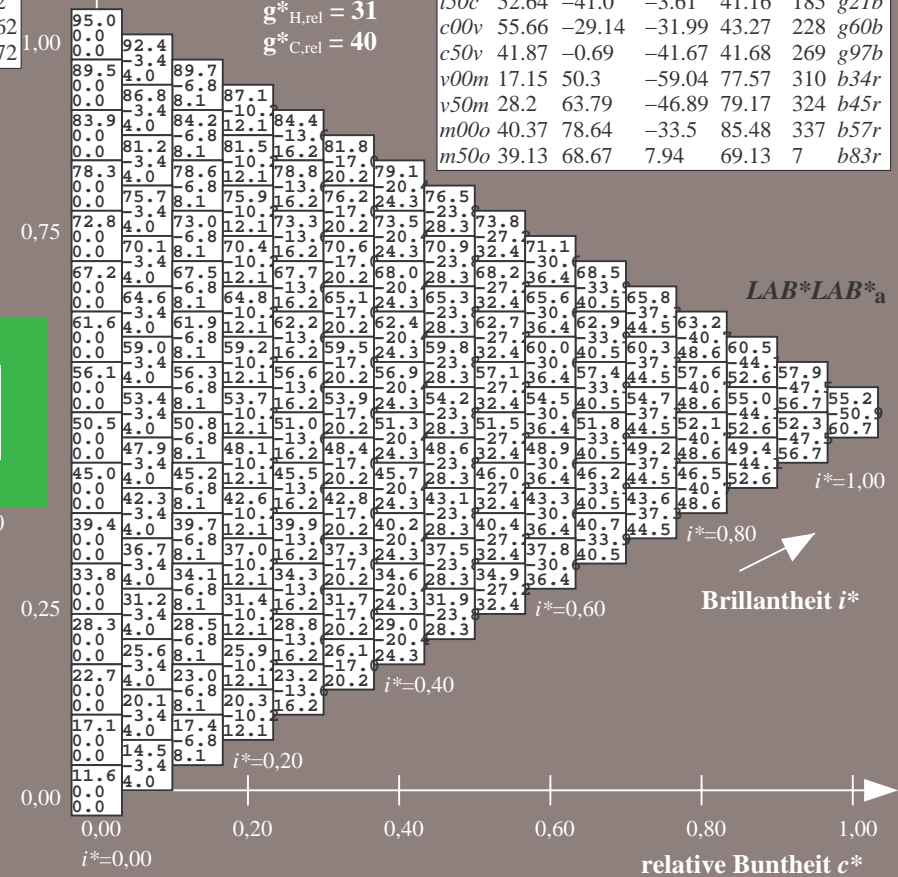
***LAB\*LCH*\*<sub>Ma</sub>: 55 79 129**

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

*lab\*rgb*\*<sub>Ma</sub>: 0.46 1.0 0.0

### Dreiecks-Helligkeit $t^*$

## %Umfang

$$u_{\text{rel}}^* = 109$$
 $\sigma^* = 31$ 
$$g^*_{C,rel} = 40$$


## Brillantheit $i^*$

[illegible]

0.80 1.00

### Relative Buntheit $c^*$

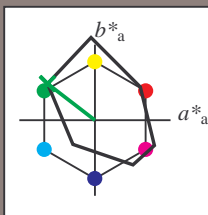
BAM-Prüfvorlage Fg62; Relatives Geräte-Farbsystem  
D65: Farbreihen, Datentabellen für 16 Bunttöne 000y

Eingabe: 000n / w / nnn0 / www set...  
Ausgabe: ->cmy0\* setcmykcolor

BAM-Registrierung: 20081001-Fg62/10/L62g00NA.TXT/ .PS BAM-Material: Code=rha4ta  
Anwendung für Beurteilung und Messung von Drucker- oder Monitorsystemen



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS12\_95a, L\*=12\_95 für relativen CIELAB-Buntton  $h^* = \text{lab}^*h^* = h_{ab}/360 = 0.396$   $u^*_d = 100c$   
Daten für jede Farbe:  
 $\text{lab}^*tch^*$  und  $\text{lab}^*icu^*$   
Bunttontexte:  
 $u^*_d = 100c$   $u^*_e = j71g$   
Kontrastreduzierungsfaktor:  
 $c_R = 1.0$   
Dreiecks-Helligkeit  $i^*$



FRS12_95a; adaptierte CIELAB-Daten						
$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	
O <sub>Ma</sub>	38.06	60.0	44.0	74.4	36	
Y <sub>Ma</sub>	86.77	-5.17	109.32	109.44	93	
L <sub>Ma</sub>	47.13	-62.67	48.24	79.09	142	
C <sub>Ma</sub>	55.66	-29.14	-31.99	43.27	228	
V <sub>Ma</sub>	17.15	50.3	-59.04	77.57	310	
M <sub>Ma</sub>	40.37	78.64	-33.5	85.48	337	
N <sub>Ma</sub>	11.58	0.0	0.0	0.0	0	
W <sub>Ma</sub>	95.02	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 -63 48

$\text{LAB}^*\text{LCH}^*_{\text{Ma}}$ : 47 79 142

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

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

Dreiecks-Helligkeit  $i^*$

%Umfang

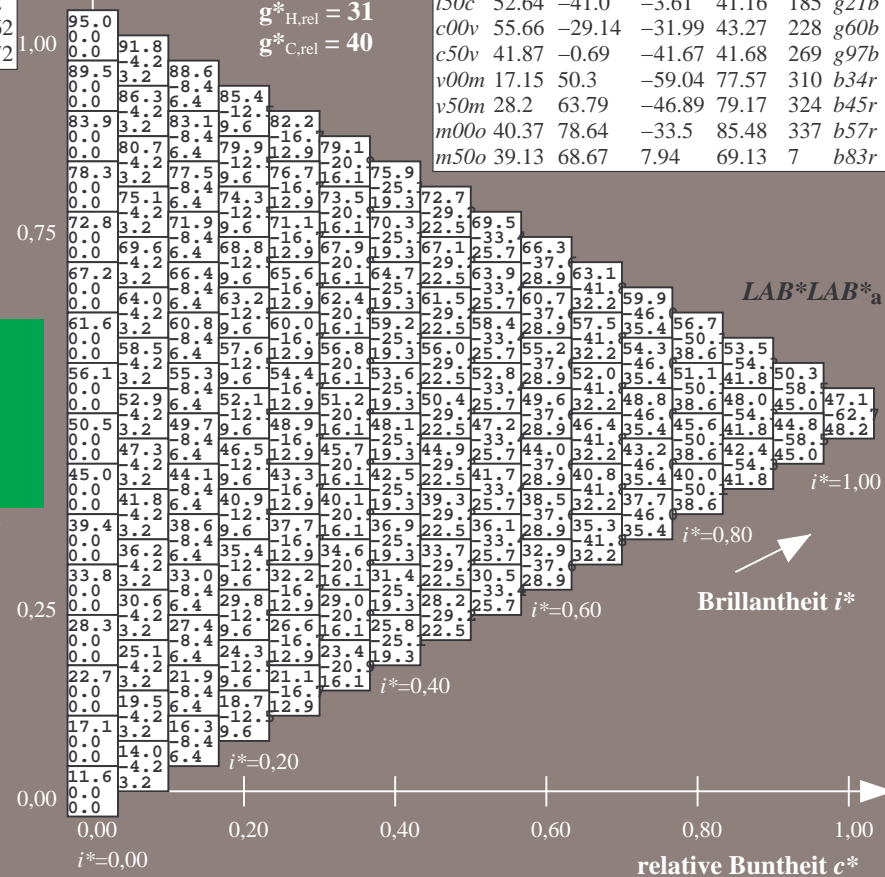
$u^*_{\text{rel}} = 109$

%Regularität

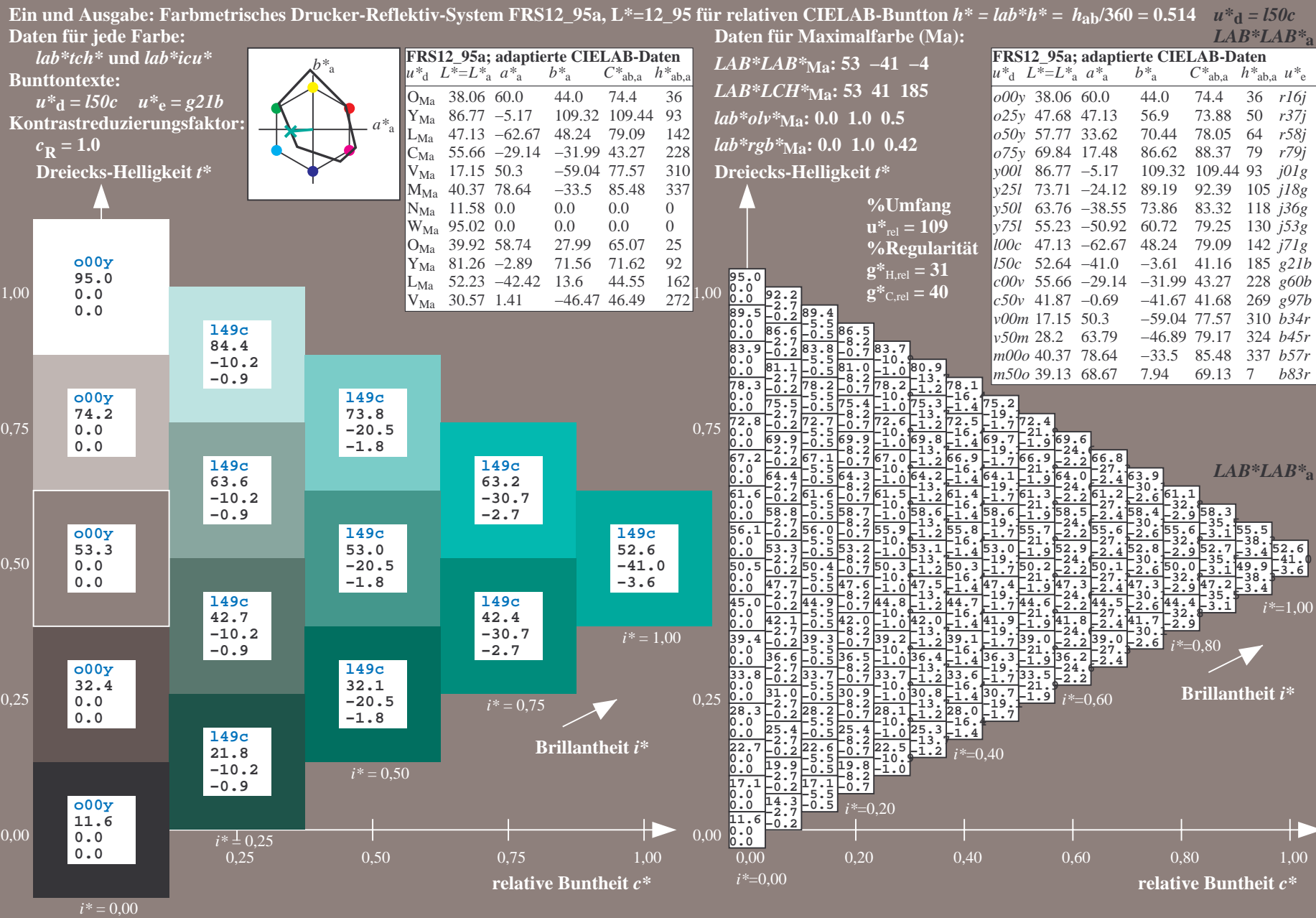
$g^*_{H,\text{rel}} = 31$

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

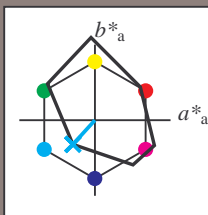
FRS12_95a; adaptierte CIELAB-Daten						
$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
o00y	38.06	60.0	44.0	74.4	36	r16j
o25y	47.68	47.13	56.9	73.88	50	r37j
o50y	57.77	33.62	70.44	78.05	64	r58j
o75y	69.84	17.48	86.62	88.37	79	r79j
y00l	86.77	-5.17	109.32	109.44	93	j01g
y25l	73.71	-24.12	89.19	92.39	105	j18g
y50l	63.76	-38.55	73.86	83.32	118	j36g
y75l	55.23	-50.92	60.72	79.25	130	j53g
l00c	47.13	-62.67	48.24	79.09	142	j71g
l50c	52.64	-41.0	-3.61	41.16	185	g21b
c00v	55.66	-29.14	-31.99	43.27	228	g60b
c50v	41.87	-0.69	-41.67	41.68	269	g97b
v00m	17.15	50.3	-59.04	77.57	310	b34r
v50m	28.2	63.79	-46.89	79.17	324	b45r
m00o	40.37	78.64	-33.5	85.48	337	b57r
m50o	39.13	68.67	7.94	69.13	7	b83r







Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS12\_95a, L\*=12\_95 für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.632$   $u^*_d = c00v$   
Daten für jede Farbe:  
 $lab^*ch^*$  und  $lab^*icu^*$   
Bunttontexte:  
 $u^*_d = c00v$   $u^*_e = g60b$   
Kontrastreduzierungsfaktor:  
 $c_R = 1.0$   
Dreiecks-Helligkeit  $i^*$



FRS12_95a; adaptierte CIELAB-Daten						
$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
O <sub>Ma</sub>	38.06	60.0	44.0	74.4	36	r16j
Y <sub>Ma</sub>	86.77	-5.17	109.32	109.44	93	r37j
L <sub>Ma</sub>	47.13	-62.67	48.24	79.09	142	r58j
C <sub>Ma</sub>	55.66	-29.14	-31.99	43.27	228	r79j
V <sub>Ma</sub>	17.15	50.3	-59.04	77.57	310	j01g
M <sub>Ma</sub>	40.37	78.64	-33.5	85.48	337	j18g
N <sub>Ma</sub>	11.58	0.0	0.0	0.0	0	j36g
W <sub>Ma</sub>	95.02	0.0	0.0	0.0	0	j53g
O <sub>Ma</sub>	39.92	58.74	27.99	65.07	25	j71g
Y <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92	g21b
L <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162	g60b
V <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272	g97b

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 56 -29 -32

$LAB^*LCH^*_{Ma}$ : 56 43 227

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

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

Dreiecks-Helligkeit  $i^*$

%Umfang

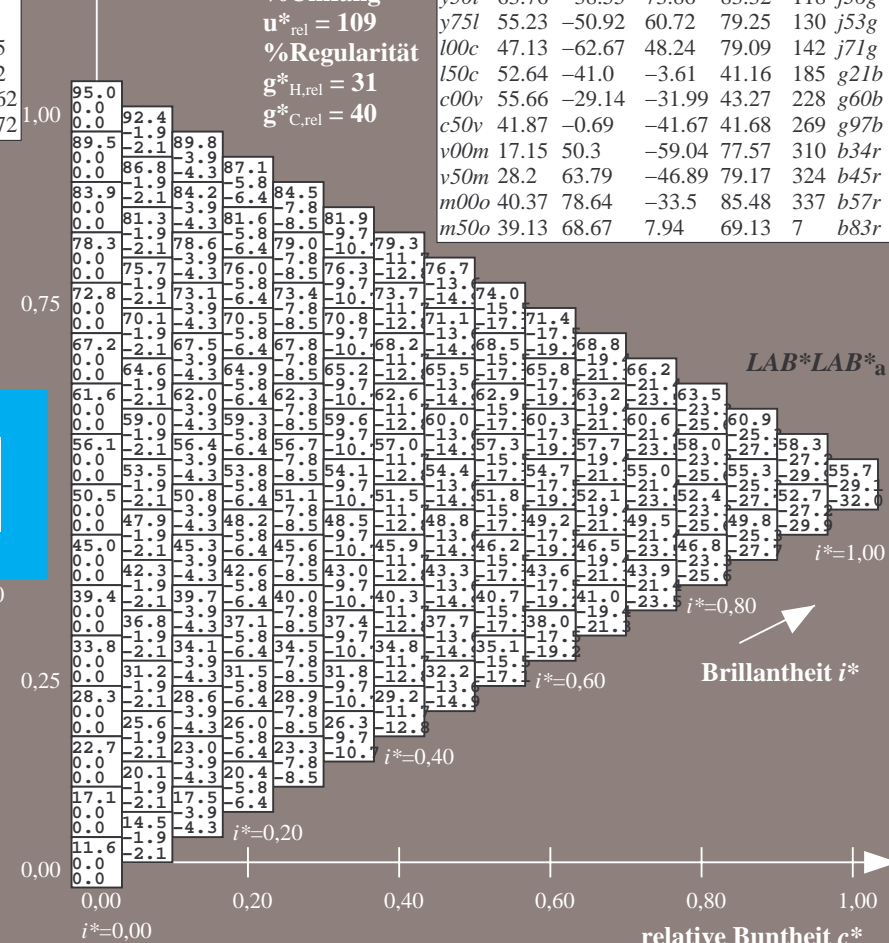
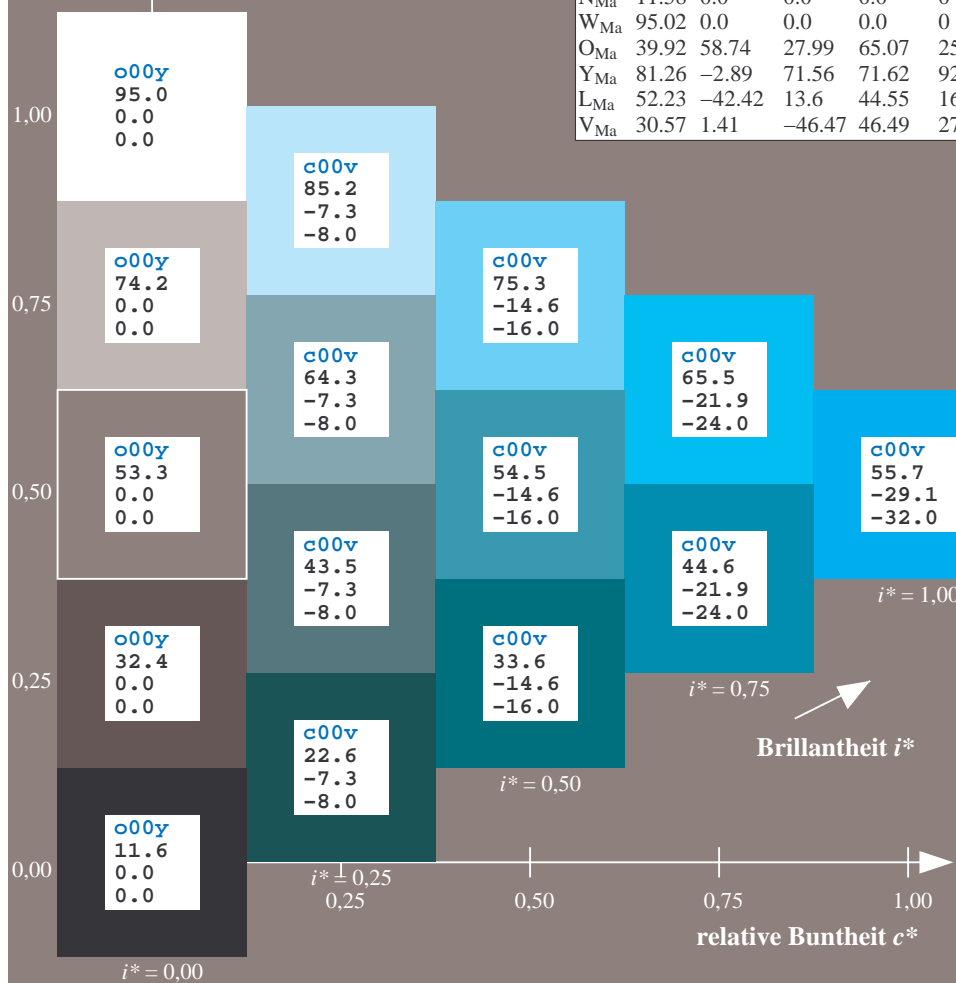
$u^*_{rel} = 109$

%Regularität

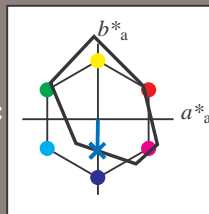
$g^*_{H,rel} = 31$

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

FRS12_95a; adaptierte CIELAB-Daten						
$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
o00y	38.06	60.0	44.0	74.4	36	r16j
o25y	47.68	47.13	56.9	73.88	50	r37j
o50y	57.77	33.62	70.44	78.05	64	r58j
o75y	69.84	17.48	86.62	88.37	79	r79j
y00l	86.77	-5.17	109.32	109.44	93	j01g
y25l	73.71	-24.12	89.19	92.39	105	j18g
y50l	63.76	-38.55	73.86	83.32	118	j36g
y75l	55.23	-50.92	60.72	79.25	130	j53g
l00c	47.13	-62.67	48.24	79.09	142	j71g
l50c	52.64	-41.0	-3.61	41.16	185	g21b
c00v	55.66	-29.14	-31.99	43.27	228	g60b
c50v	41.87	-0.69	-41.67	41.68	269	g97b
v00m	17.15	50.3	-59.04	77.57	310	b34r
v50m	28.2	63.79	-46.89	79.17	324	b45r
m00o	40.37	78.64	-33.5	85.48	337	b57r
m50o	39.13	68.67	7.94	69.13	7	b83r



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS12\_95a, L\*=12\_95 für relative CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.747$   $u^*_d = c50v$   
Daten für jede Farbe:  
 $lab^*ch^*$  und  $lab^*icu^*$   
Bunttontexte:  
 $u^*_d = c50v$   $u^*_e = g97b$   
Kontrastreduzierungsfaktor:  
 $c_R = 1.0$   
Dreiecks-Helligkeit  $i^*$



FRS12_95a; adaptierte CIELAB-Daten						
$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
O <sub>Ma</sub>	38.06	60.0	44.0	74.4	36	r16j
Y <sub>Ma</sub>	86.77	-5.17	109.32	109.44	93	r37j
L <sub>Ma</sub>	47.13	-62.67	48.24	79.09	142	r58j
C <sub>Ma</sub>	55.66	-29.14	-31.99	43.27	228	r79j
V <sub>Ma</sub>	17.15	50.3	-59.04	77.57	310	j01g
M <sub>Ma</sub>	40.37	78.64	-33.5	85.48	337	j18g
N <sub>Ma</sub>	11.58	0.0	0.0	0.0	0	j36g
W <sub>Ma</sub>	95.02	0.0	0.0	0.0	0	j53g
O <sub>Ma</sub>	39.92	58.74	27.99	65.07	25	j71g
Y <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92	g21b
L <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162	g60b
V <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272	g97b

Daten für Maximalfarbe (Ma):

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

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

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

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

Dreiecks-Helligkeit  $i^*$

%Umfang

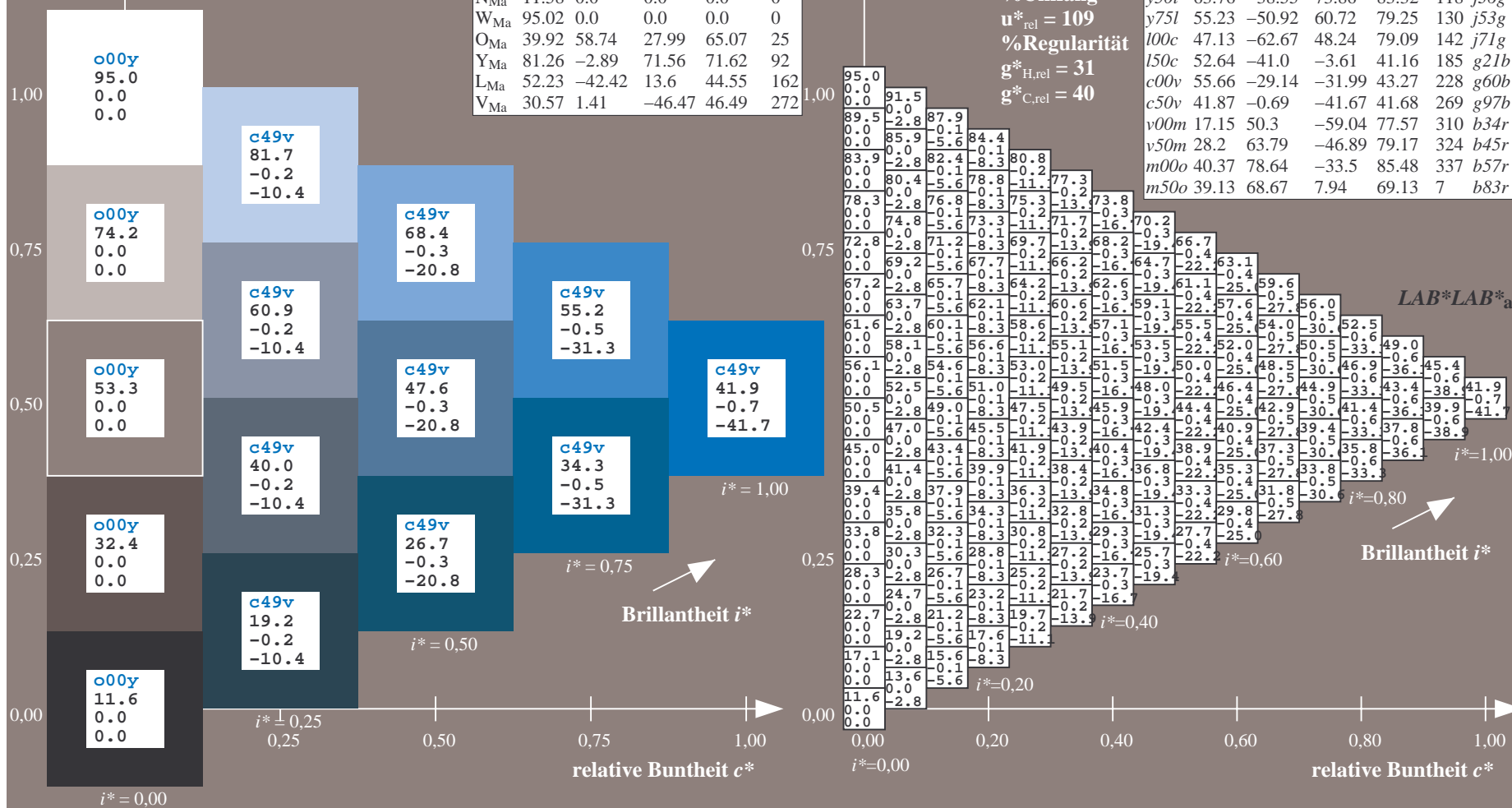
$u^*_{rel} = 109$

%Regularität

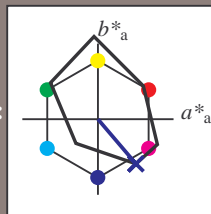
$g^*_{H,rel} = 31$

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

FRS12_95a; adaptierte CIELAB-Daten						
$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
o00y	38.06	60.0	44.0	74.4	36	r16j
o25y	47.68	47.13	56.9	73.88	50	r37j
o50y	57.77	33.62	70.44	78.05	64	r58j
o75y	69.84	17.48	86.62	88.37	79	r79j
y00l	86.77	-5.17	109.32	109.44	93	j01g
y25l	73.71	-24.12	89.19	92.39	105	j18g
y50l	63.76	-38.55	73.86	83.32	118	j36g
y75l	55.23	-50.92	60.72	79.25	130	j53g
l00c	47.13	-62.67	48.24	79.09	142	j71g
l50c	52.64	-41.0	-3.61	41.16	185	g21b
c00v	55.66	-29.14	-31.99	43.27	228	g60b
c50v	41.87	-0.69	-41.67	41.68	269	g97b
v00m	17.15	50.3	-59.04	77.57	310	b34r
v50m	28.2	63.79	-46.89	79.17	324	b45r
m00o	40.37	78.64	-33.5	85.48	337	b57r
m50o	39.13	68.67	7.94	69.13	7	b83r



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS12\_95a, L\*=12\_95 für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.862$   $u^*_d = v00m$   
Daten für jede Farbe:  
 $lab^*ch^*$  und  $lab^*icu^*$   
Bunttontexte:  
 $u^*_d = v00m$   $u^*_e = b34r$   
Kontrastreduzierungsfaktor:  
 $c_R = 1.0$   
Dreiecks-Helligkeit  $i^*$



FRS12_95a; adaptierte CIELAB-Daten						
$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
O <sub>Ma</sub>	38.06	60.0	44.0	74.4	36	r16j
Y <sub>Ma</sub>	86.77	-5.17	109.32	109.44	93	r37j
L <sub>Ma</sub>	47.13	-62.67	48.24	79.09	142	r58j
C <sub>Ma</sub>	55.66	-29.14	-31.99	43.27	228	r79j
V <sub>Ma</sub>	17.15	50.3	-59.04	77.57	310	j01g
M <sub>Ma</sub>	40.37	78.64	-33.5	85.48	337	j18g
N <sub>Ma</sub>	11.58	0.0	0.0	0.0	0	j36g
W <sub>Ma</sub>	95.02	0.0	0.0	0.0	0	j53g
O <sub>Ma</sub>	39.92	58.74	27.99	65.07	25	j71g
Y <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92	g21b
L <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162	g60b
V <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272	g97b

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_Ma$ : 17 50 -59

$LAB^*LCH^*_Ma$ : 17 78 310

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

$lab^*rgb^*_Ma$ : 0.68 0.0 1.0

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 109$

%Regularität

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

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

FRS12_95a; adaptierte CIELAB-Daten						
$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
o00y	38.06	60.0	44.0	74.4	36	r16j
o25y	47.68	47.13	56.9	73.88	50	r37j
o50y	57.77	33.62	70.44	78.05	64	r58j
o75y	69.84	17.48	86.62	88.37	79	r79j
y00l	86.77	-5.17	109.32	109.44	93	j01g
y25l	73.71	-24.12	89.19	92.39	105	j18g
y50l	63.76	-38.55	73.86	83.32	118	j36g
y75l	55.23	-50.92	60.72	79.25	130	j53g
l00c	47.13	-62.67	48.24	79.09	142	j71g
l50c	52.64	-41.0	-3.61	41.16	185	g21b
c00v	55.66	-29.14	-31.99	43.27	228	g60b
c50v	41.87	-0.69	-41.67	41.68	269	g97b
v00m	17.15	50.3	-59.04	77.57	310	b34r
v50m	28.2	63.79	-46.89	79.17	324	b45r
m00o	40.37	78.64	-33.5	85.48	337	b57r
m50o	39.13	68.67	7.94	69.13	7	b83r

$LAB^*LAB^*_a$

$i^* = 1.00$

Brillantheit  $i^*$

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

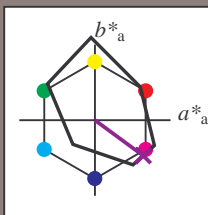
$i^* = 0.00$

relative Buntheit  $c^*$

relative Buntheit  $c^*$



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS12\_95a, L\*=12\_95 für relative CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.899$   $u^*_d = v50m$   
Daten für jede Farbe:  
 $lab^*ch^*$  und  $lab^*icu^*$   
Bunttontexte:  
 $u^*_d = v50m$   $u^*_e = b45r$   
Kontrastreduzierungsfaktor:  
 $c_R = 1.0$   
Dreiecks-Helligkeit  $i^*$



FRS12_95a; adaptierte CIELAB-Daten						
$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
O <sub>Ma</sub>	38.06	60.0	44.0	74.4	36	r16j
Y <sub>Ma</sub>	86.77	-5.17	109.32	109.44	93	r37j
L <sub>Ma</sub>	47.13	-62.67	48.24	79.09	142	r58j
C <sub>Ma</sub>	55.66	-29.14	-31.99	43.27	228	r79j
V <sub>Ma</sub>	17.15	50.3	-59.04	77.57	310	j01g
M <sub>Ma</sub>	40.37	78.64	-33.5	85.48	337	j18g
N <sub>Ma</sub>	11.58	0.0	0.0	0.0	0	j36g
W <sub>Ma</sub>	95.02	0.0	0.0	0.0	0	j53g
O <sub>Ma</sub>	39.92	58.74	27.99	65.07	25	j71g
Y <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92	g21b
L <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162	g60b
V <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272	g97b

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 28 64 -47

$LAB^*LCH^*_{Ma}$ : 28 79 323

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

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

Dreiecks-Helligkeit  $i^*$

%Umfang

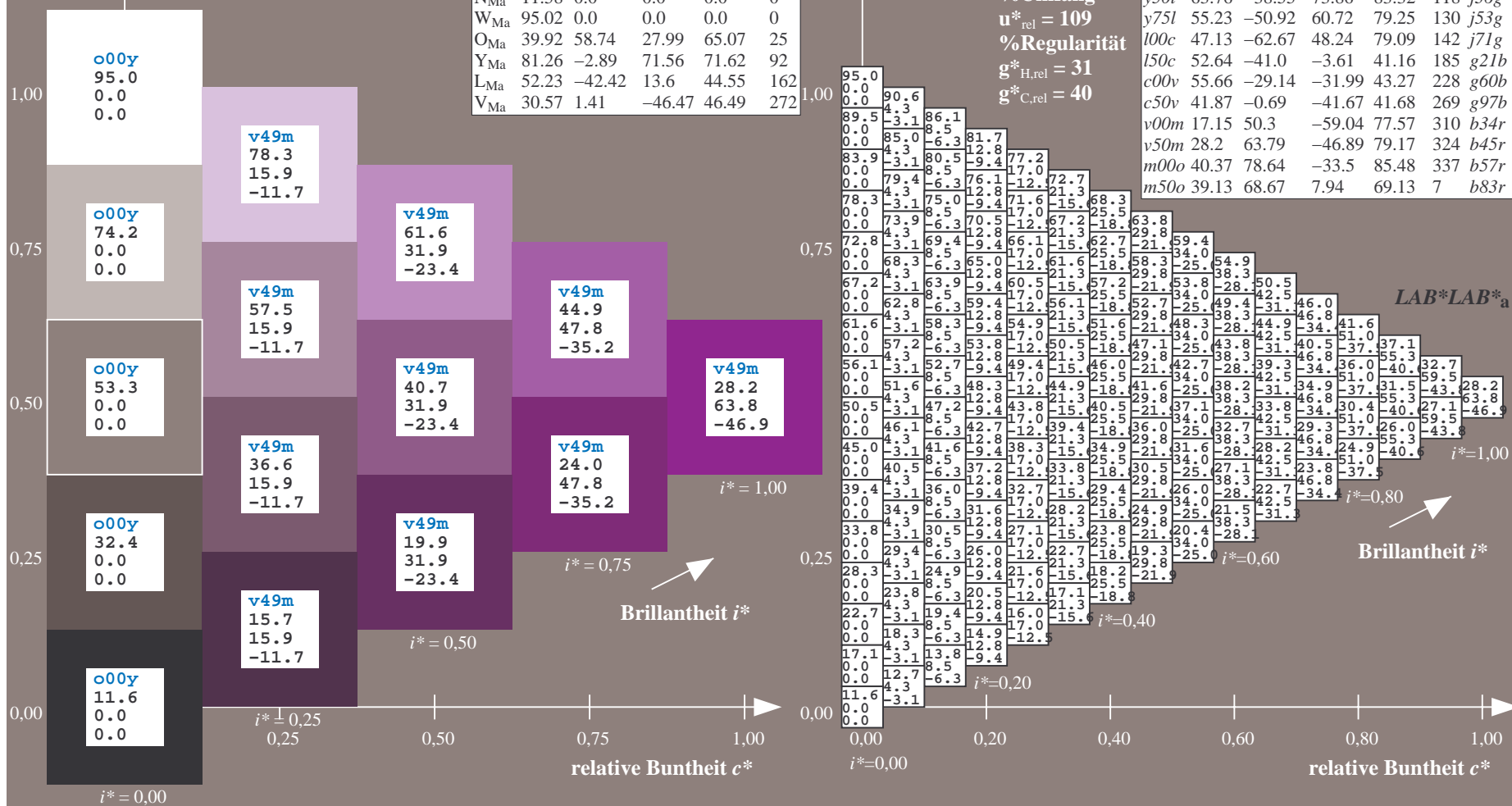
$u^*_{rel} = 109$

%Regularität

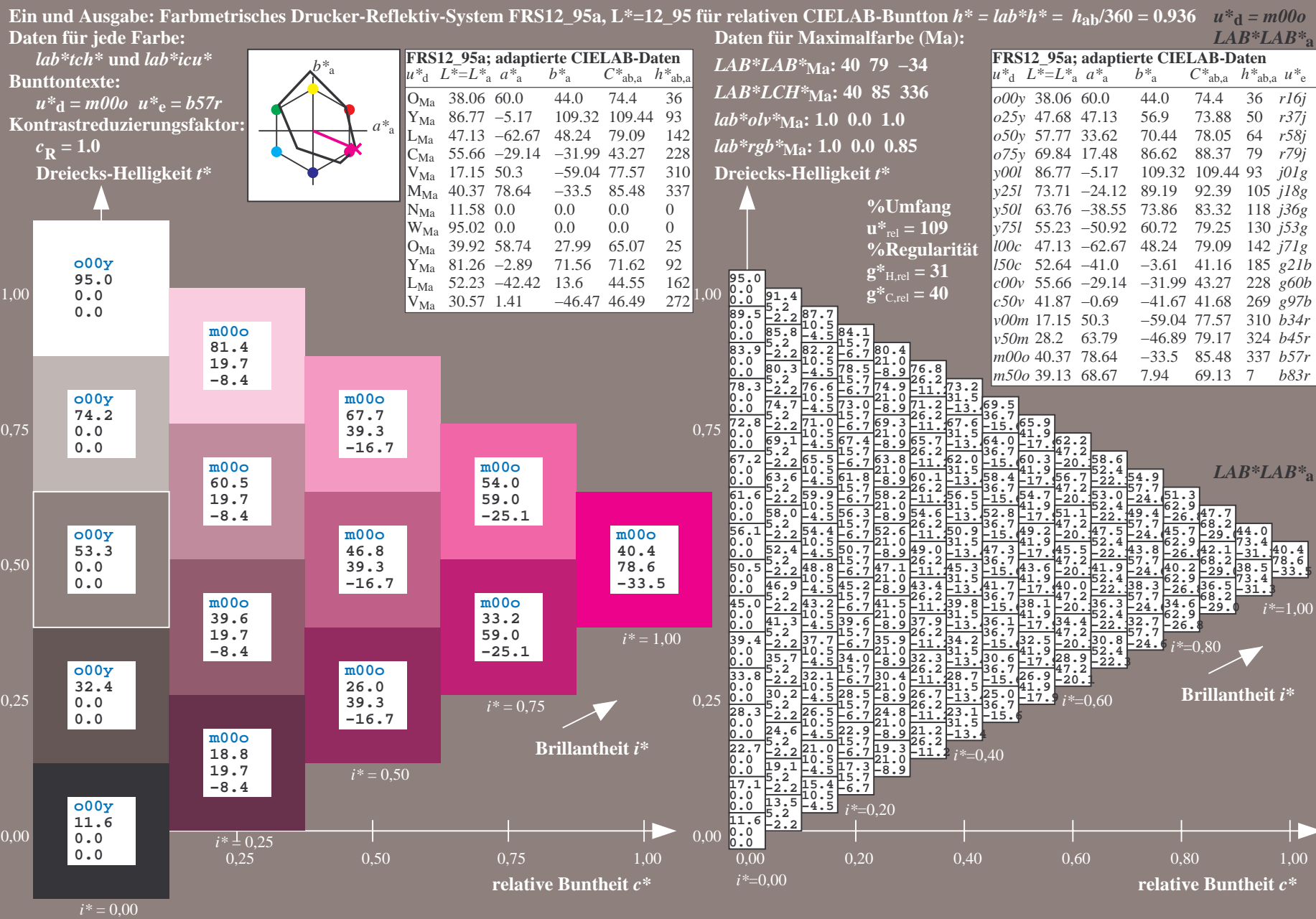
$g^*_{H,rel} = 31$

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

FRS12_95a; adaptierte CIELAB-Daten						
$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
o00y	38.06	60.0	44.0	74.4	36	r16j
o25y	47.68	47.13	56.9	73.88	50	r37j
o50y	57.77	33.62	70.44	78.05	64	r58j
o75y	69.84	17.48	86.62	88.37	79	r79j
y00l	86.77	-5.17	109.32	109.44	93	j01g
y25l	73.71	-24.12	89.19	92.39	105	j18g
y50l	63.76	-38.55	73.86	83.32	118	j36g
y75l	55.23	-50.92	60.72	79.25	130	j53g
l00c	47.13	-62.67	48.24	79.09	142	j71g
l50c	52.64	-41.0	-3.61	41.16	185	g21b
c00v	55.66	-29.14	-31.99	43.27	228	g60b
c50v	41.87	-0.69	-41.67	41.68	269	g97b
v00m	17.15	50.3	-59.04	77.57	310	b34r
v50m	28.2	63.79	-46.89	79.17	324	b45r
m00o	40.37	78.64	-33.5	85.48	337	b57r
m50o	39.13	68.67	7.94	69.13	7	b83r







Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS12\_95a, L\*=12\_95 für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.018$   $u^*_d = m50o$

Daten für jede Farbe:

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

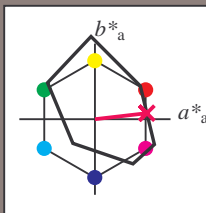
Bunttontexte:

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

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $i^*$



FRS12\_95a; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	38.06	60.0	44.0	74.4	36
Y <sub>Ma</sub>	86.77	-5.17	109.32	109.44	93
L <sub>Ma</sub>	47.13	-62.67	48.24	79.09	142
C <sub>Ma</sub>	55.66	-29.14	-31.99	43.27	228
V <sub>Ma</sub>	17.15	50.3	-59.04	77.57	310
M <sub>Ma</sub>	40.37	78.64	-33.5	85.48	337
N <sub>Ma</sub>	11.58	0.0	0.0	0.0	0
W <sub>Ma</sub>	95.02	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 69 8

$LAB^*LCH^*_{Ma}$ : 39 69 6

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

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

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 109$

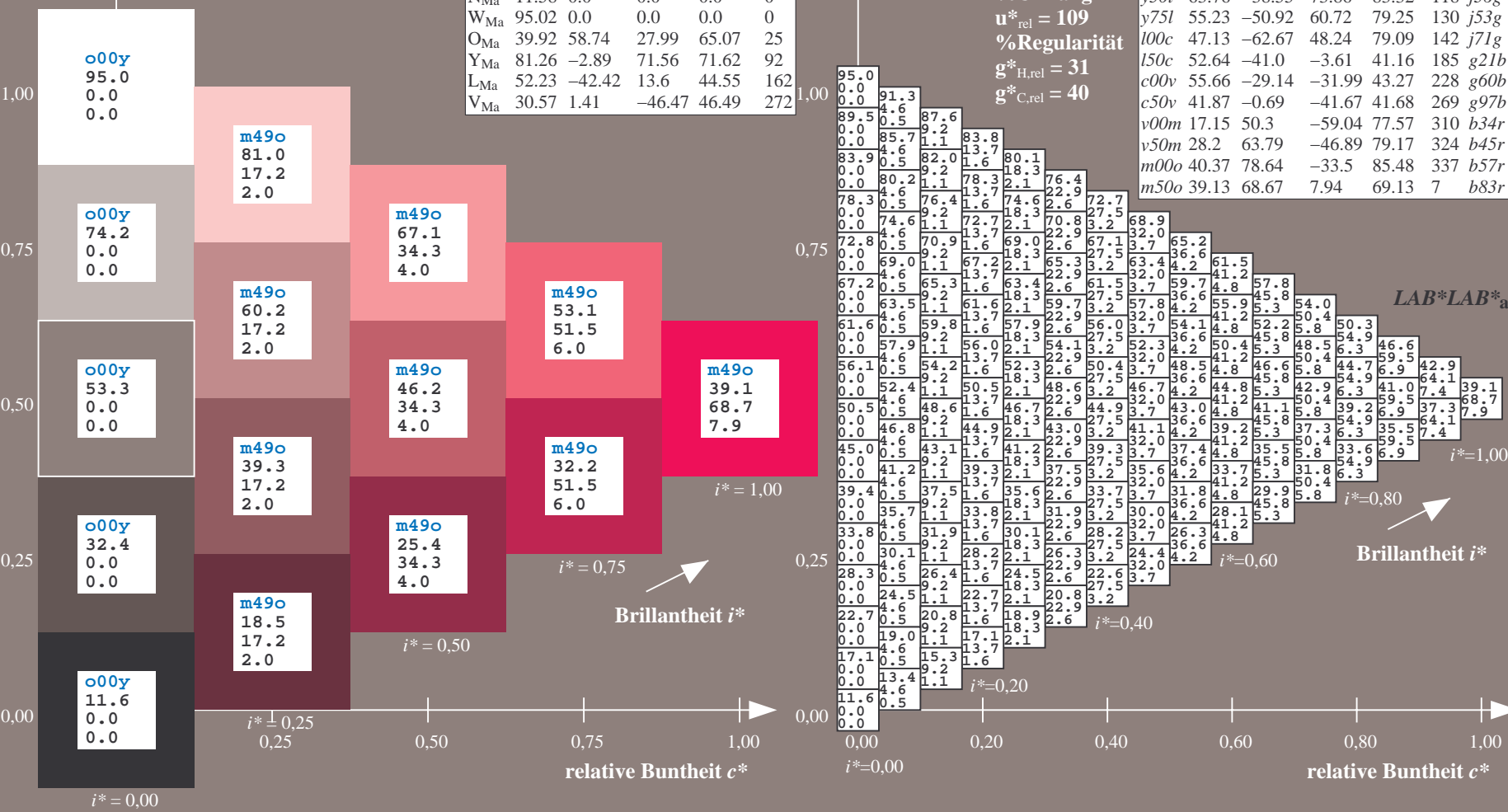
%Regularität

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

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

FRS12\_95a; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
o00y	38.06	60.0	44.0	74.4	36	r16j
o25y	47.68	47.13	56.9	73.88	50	r37j
o50y	57.77	33.62	70.44	78.05	64	r58j
o75y	69.84	17.48	86.62	88.37	79	r79j
y00l	86.77	-5.17	109.32	109.44	93	j01g
y25l	73.71	-24.12	89.19	92.39	105	j18g
y50l	63.76	-38.55	73.86	83.32	118	j36g
y75l	55.23	-50.92	60.72	79.25	130	j53g
l00c	47.13	-62.67	48.24	79.09	142	j71g
l50c	52.64	-41.0	-3.61	41.16	185	g21b
c00v	55.66	-29.14	-31.99	43.27	228	g60b
c50v	41.87	-0.69	-41.67	41.68	269	g97b
v00m	17.15	50.3	-59.04	77.57	310	b34r
v50m	28.2	63.79	-46.89	79.17	324	b45r
m00o	40.37	78.64	-33.5	85.48	337	b57r
m50o	39.13	68.67	7.94	69.13	7	b83r

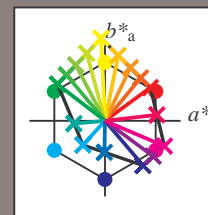


Siehe ähnliche Dateien: <http://www.ps.bam.de/Fg62/>; [www.ps.bam.de/Fg62/](http://www.ps.bam.de/Fg62/); [www.ps.bam.de/Fg62/](http://www.ps.bam.de/Fg62/)  
Technische Information: <http://www.ps.bam.de/Version 2.1, io=1,1, ColSp=0>

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	a	b	c	d	e	f	g	h	i	j	k	LAB*LAB*																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
01	11.6	16.0	20.5	24.9	29.4	33.8	38.2	42.7	47.1	51.4	55.7	59.9	64.1	68.3	72.5	76.7	80.9	85.1	89.3	93.5	97.7	101.9	106.1	110.3	114.5	118.7	122.9	127.1	131.3	135.5	139.7	143.9	148.1	152.3	156.5	160.7	164.9	169.1	173.3	177.5	181.7	185.9	190.1	194.3	198.5	202.7	206.9	211.1	215.3	219.5	223.7	227.9	232.1	236.3	240.5	244.7	248.9	253.1	257.3	261.5	265.7	269.9	274.1	278.3	282.5	286.7	290.9	295.1	299.3	303.5	307.7	311.9	316.1	320.3	324.5	328.7	332.9	337.1	341.3	345.5	349.7	353.9	358.1	362.3	366.5	370.7	374.9	379.1	383.3	387.5	391.7	395.9	400.1	404.3	408.5	412.7	416.9	421.1	425.3	429.5	433.7	437.9	442.1	446.3	450.5	454.7	458.9	463.1	467.3	471.5	475.7	479.9	484.1	488.3	492.5	496.7	500.9	505.1	509.3	513.5	517.7	521.9	526.1	530.3	534.5	538.7	542.9	547.1	551.3	555.5	559.7	563.9	568.1	572.3	576.5	580.7	584.9	589.1	593.3	597.5	601.7	605.9	610.1	614.3	618.5	622.7	626.9	631.1	635.3	639.5	643.7	647.9	652.1	656.3	660.5	664.7	668.9	673.1	677.3	681.5	685.7	689.9	694.1	698.3	702.5	706.7	710.9	715.1	719.3	723.5	727.7	731.9	736.1	740.3	744.5	748.7	752.9	757.1	761.3	765.5	769.7	773.9	778.1	782.3	786.5	790.7	794.9	799.1	803.3	807.5	811.7	815.9	820.1	824.3	828.5	832.7	836.9	841.1	845.3	849.5	853.7	857.9	862.1	866.3	870.5	874.7	878.9	883.1	887.3	891.5	895.7	899.9	904.1	908.3	912.5	916.7	920.9	925.1	929.3	933.5	937.7	941.9	946.1	950.3	954.5	958.7	962.9	967.1	971.3	975.5	979.7	983.9	988.1	992.3	996.5	1000.7	1004.9	1009.1	1013.3	1017.5	1021.7	1025.9	1030.1	1034.3	1038.5	1042.7	1046.9	1051.1	1055.3	1059.5	1063.7	1067.9	1072.1	1076.3	1080.5	1084.7	1088.9	1093.1	1097.3	1101.5	1105.7	1109.9	1114.1	1118.3	1122.5	1126.7	1130.9	1135.1	1139.3	1143.5	1147.7	1151.9	1156.1	1160.3	1164.5	1168.7	1172.9	1177.1	1181.3	1185.5	1189.7	1193.9	1198.1	1202.3	1206.5	1210.7	1214.9	1219.1	1223.3	1227.5	1231.7	1235.9	1240.1	1244.3	1248.5	1252.7	1256.9	1261.1	1265.3	1269.5	1273.7	1277.9	1282.1	1286.3	1290.5	1294.7	1298.9	1303.1	1307.3	1311.5	1315.7	1319.9	1324.1	1328.3	1332.5	1336.7	1340.9	1345.1	1349.3	1353.5	1357.7	1361.9	1366.1	1370.3	1374.5	1378.7	1382.9	1387.1	1391.3	1395.5	1399.7	1403.9	1408.1	1412.3	1416.5	1420.7	1424.9	1429.1	1433.3	1437.5	1441.7	1445.9	1450.1	1454.3	1458.5	1462.7	1466.9	1471.1	1475.3	1479.5	1483.7	1487.9	1492.1	1496.3	1500.5	1504.7	1508.9	1513.1	1517.3	1521.5	1525.7	1529.9	1534.1	1538.3	1542.5	1546.7	1550.9	1555.1	1559.3	1563.5	1567.7	1571.9	1576.1	1580.3	1584.5	1588.7	1592.9	1597.1	1601.3	1605.5	1609.7	1613.9	1618.1	1622.3	1626.5	1630.7	1634.9	1639.1	1643.3	1647.5	1651.7	1655.9	1660.1	1664.3	1668.5	1672.7	1676.9	1681.1	1685.3	1689.5	1693.7	1697.9	1702.1	1706.3	1710.5	1714.7	1718.9	1723.1	1727.3	1731.5	1735.7	1739.9	1744.1	1748.3	1752.5	1756.7	1760.9	1765.1	1769.3	1773.5	1777.7	1781.9	1786.1	1790.3	1794.5	1798.7	1802.9	1807.1	1811.3	1815.5	1819.7	1823.9	1828.1	1832.3	1836.5	1840.7	1844.9	1849.1	1853.3	1857.5	1861.7	1865.9	1870.1	1874.3	1878.5	1882.7	1886.9	1891.1	1895.3	1899.5	1903.7	1907.9	1912.1	1916.3	1920.5	1924.7	1928.9	1933.1	1937.3	1941.5	1945.7	1949.9	1954.1	1958.3	1962.5	1966.7	1970.9	1975.1	1979.3	1983.5	1987.7	1991.9	1996.1	2000.3	2004.5	2008.7	2012.9	2017.1	2021.3	2025.5	2029.7	2033.9	2038.1	2042.3	2046.5	2050.7	2054.9	2059.1	2063.3	2067.5	2071.7	2075.9	2080.1	2084.3	2088.5	2092.7	2096.9	2101.1	2105.3	2109.5	2113.7	2117.9	2122.1	2126.3	2130.5	2134.7	2138.9	2143.1	2147.3	2151.5	2155.7	2159.9	2164.1	2168.3	2172.5	2176.7	2180.9	2185.1	2189.3	2193.5	2197.7	2201.9	2206.1	2210.3	2214.5	2218.7	2222.9	2227.1	2231.3	2235.5	2239.7	2243.9	2248.1	2252.3	2256.5	2260.7	2264.9	2269.1	2273.3	2277.5	2281.7	2285.9	2290.1	2294.3	2298.5	2302.7	2306.9	2311.1	2315.3	2319.5	2323.7	2327.9	2332.1	2336.3	2340.5	2344.7	2348.9	2353.1	2357.3	2361.5	2365.7	2369.9	2374.1	2378.3	2382.5	2386.7	2390.9	2395.1	2399.3	2403.5	2407.7	2411.9	2416.1	2420.3	2424.5	2428.7	2432.9	2437.1	2441.3	2445.5	2449.7	2453.9	2458.1	2462.3	2466.5	2470.7	2474.9	2479.1	2483.3	2487.5	2491.7	2495.9	2500.1	2504.3	2508.5	2512.7	2516.9	2521.1	2525.3	2529.5	2533.7	2537.9	2542.1	2546.3	2550.5	2554.7	2558.9	2563.1	2567.3	2571.5	2575.7	2579.9	2584.1	2588.3	2592.5	2596.7	2600.9	2605.1	2609.3	2613.5	2617.7	2621.9	2626.1	2630.3	2634.5	2638.7	2642.9	2647.1	2651.3	2655.5	2659.7	2663.9	2668.1	2672.3	2676.5	2680.7	2684.9	2689.1	2693.3	2697.5	2701.7	2705.9	2710.1	2714.3	2718.5	2722.7	2726.9	2731.1	2735.3	2739.5	2743.7	2747.9	2752.1	2756.3	2760.5	2764.7	2768.9	2773.1	2777.3	2781.5	2785.7	2789.9	2794.1	2798.3	2802.5	2806.7	2810.9	2815.1	2819.3	2823.5	2827.7	2831.9	2836.1	2840.3	2844.5	2848.7	2852.9	2857.1	2861.3	2865.5	2869.7	2873.9	2878.1	2882.3	2886.5	2890.7	2894.9	2899.1	2903.3	2907.5	2911.7	2915.9	2920.1	2924.3	2928.5	2932.7	2936.9	2941.1	2945.3	2949.5	2953.7	2957.9	2962.1	2966.3	2970.5	2974.7	2978.9	2983.1	2987.3	2991.5	2995.7	2999.9	3004.1	3008.3	3012.5	3016.7	3020.9	3025.1	3029.3	3033.5	3037.7	3041.9	3046.1	3050.3	3054.5	3058.7	3062.9	3067.1	3071.3	3075.5	3079.7	3083.9	3088.1	3092.3	3096.5	3099.9	3104.1	3108.3	3112.5	3116.7	3120.9	3125.1	3129.3	3133.5	3137.7	3141.9	3146.1	3150.3	3154.5	3158.7	3162.9	3167.1	3171.3	3175.5	3179.7	3183.9	3188.1	3192.3	3196.5	3200.7	3204.9	3209.1	3213.3	3217.5	3221.7	3225.9	3230.1	3234.3	3238.5	3242.7	3246.9	3251.1	3255.3	3259.5	3263.7	3267.9	3272.1	3276.3	3280.5	3284.7	3288.9	3293.1	3297.3	3301.5	3305.7	3309.9	3314.1	3318.3	3322.5	3326.7	3330.9	3335.1	3339.3	3343.5	3347.7	3351.9	3356.1	3360.3	3364.5	3368.7	3372.9	3377.1	3381.3	3385.5	3389.7	3393.9	3398.1	3402.3	3406.5	3410.7	3414.9	3419.1	3423.3	3427.5	3431.7	3435.9	3440.1	3444.3	3448.5	3452.7	3456.9	3461.1	3465.3	3469.5	3473.7	3477.9	3482.1	3486.3	3490.5	3494.7	3498.9	3503.1	3507.3	3511.5	3515.7	3519.9	3524.1	3528.3	3532.5	3536.7	3540.9	3545.1	3549.3	3553.5	3557.7	3561.9	3566.1	3570.3	3574.5	3578.7	3582.9	3587.1	3591.3	3595.5	3599.7	3603.9	3608.1	3612.3	3616.5	3620.7	3624.9	3629.1	3633.3	3637.5	3641.7	3645.9	3650.1	3654.3	3658.5	3662.7	3666.9	3671.1	3675.3	3679.5	3683.7	3687.9	3692.1	3696.3	3700.5	3704.7	3708.9	3713.1	3717.3	3721.5	3725.7	3729.9	3734.1	3738.3	3742.5	3746.7	3750.9	3755.1	3759.3	3763.5	3767.7	3771.9	3776.1	3780.3	3784.5	3788.7	3792.9	3797.1	3801.3	3805.5	3809.7	3813.9	3818.1	3822.3	3826.5	3830.7	3834.9	3839.1	3843.3	3847.5	3851.7	3855.9	3860.1	3864.3	3868.5	3872.7	3876.9	3881.1	3885.3	3889.5	3893.7	3897.9	3902.1	3906.3</

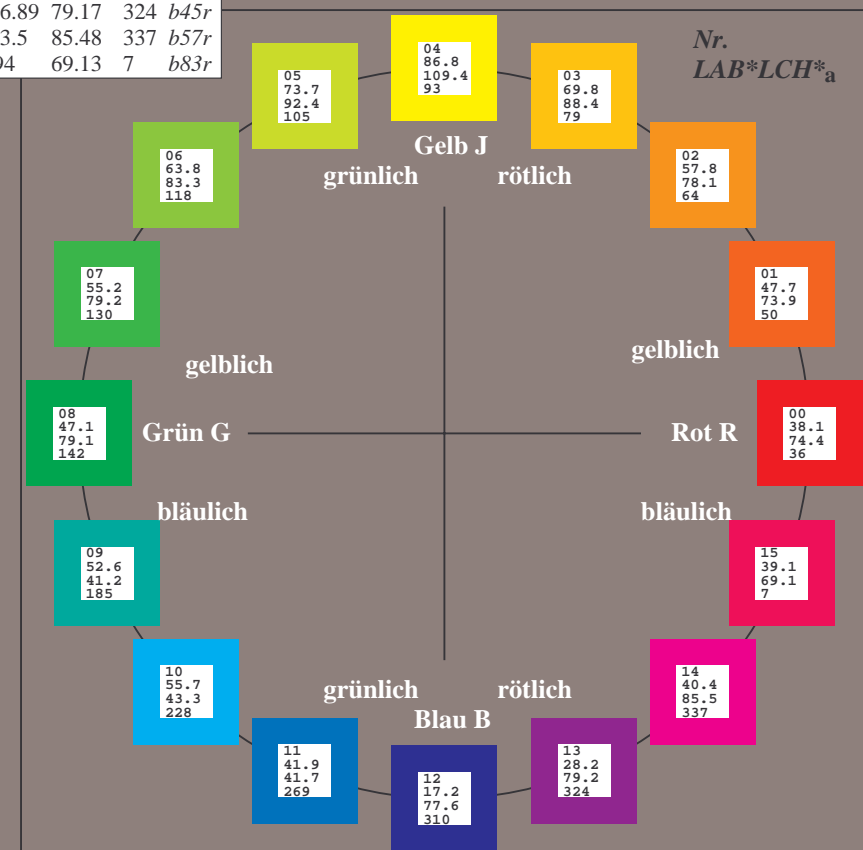
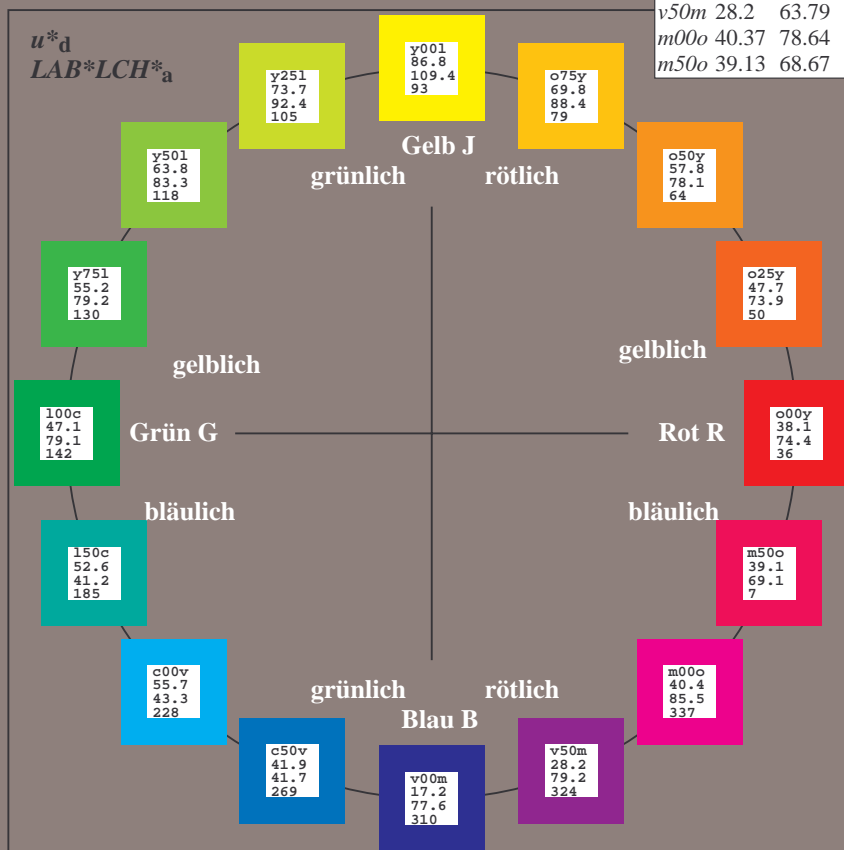
Ein und Ausgabe:  
Farbmetrisches Drucker-Reflektiv-System FRS12\_95a  
Daten für jede Farbe:  
 $u^*_d$  und Nummer  $Nr.$  = 00 .. 15  
Geräte-Bunttontext:  
 $u^*_d$  = 16 Bunttoene  $o00y$ ,  $o25y$ , ...,  $m50o$   
Kontrastreduzierungsfaktor:  
 $c_R = 1.0$

FRS12_95a; adaptierte CIELAB-Daten						
$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
$o00y$	38.06	60.0	44.0	74.4	36	$r16j$
$o25y$	47.68	47.13	56.9	73.88	50	$r37j$
$o50y$	57.77	33.62	70.44	78.05	64	$r58j$
$o75y$	69.84	17.48	86.62	88.37	79	$r79j$
$y00l$	86.77	-5.17	109.32	109.44	93	$j01g$
$y25l$	73.71	-24.12	89.19	92.39	105	$j18g$
$y50l$	63.76	-38.55	73.86	83.32	118	$j36g$
$y75l$	55.23	-50.92	60.72	79.25	130	$j53g$
$l00c$	47.13	-62.67	48.24	79.09	142	$j71g$
$l50c$	52.64	-41.0	-3.61	41.16	185	$g21b$
$c00v$	55.66	-29.14	-31.99	43.27	228	$g60b$
$c50v$	41.87	-0.69	-41.67	41.68	269	$g97b$
$v00m$	17.15	50.3	-59.04	77.57	310	$b34r$
$v50m$	28.2	63.79	-46.89	79.17	324	$b45r$
$m00o$	40.37	78.64	-33.5	85.48	337	$b57r$
$m50o$	39.13	68.67	7.94	69.13	7	$b83r$



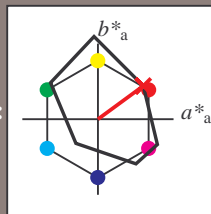
%Umfang  
 $u^*_{rel} = 109$   
%Regularität  
 $g^*_{H,rel} = 31$   
 $g^*_{C,rel} = 40$

FRS12_95a; adaptierte CIELAB-Daten					
Name	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
$O_{Ma}$	38.06	60.0	44.0	74.4	36
$Y_{Ma}$	86.77	-5.17	109.32	109.44	93
$L_{Ma}$	47.13	-62.67	48.24	79.09	142
$C_{Ma}$	55.66	-29.14	-31.99	43.27	228
$V_{Ma}$	17.15	50.3	-59.04	77.57	310
$M_{Ma}$	40.37	78.64	-33.5	85.48	337
$N_{Ma}$	11.58	0.0	0.0	0.0	0
$W_{Ma}$	95.02	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 FRS12\_95a, L\*=12\_95 für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.101$   $u^*_d = o00y$   
Daten für jede Farbe:  
 $lab^*ch^*$  und  $lab^*icu^*$   
Bunttontexte:  
 $u^*_d = o00y$   $u^*_e = r16j$   
Kontrastreduzierungsfaktor:  
 $c_R = 1.0$   
Dreiecks-Helligkeit  $i^*$



FRS12_95a; adaptierte CIELAB-Daten						
$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
O <sub>Ma</sub>	38.06	60.0	44.0	74.4	36	r16j
Y <sub>Ma</sub>	86.77	-5.17	109.32	109.44	93	r37j
L <sub>Ma</sub>	47.13	-62.67	48.24	79.09	142	r58j
C <sub>Ma</sub>	55.66	-29.14	-31.99	43.27	228	r79j
V <sub>Ma</sub>	17.15	50.3	-59.04	77.57	310	j01g
M <sub>Ma</sub>	40.37	78.64	-33.5	85.48	337	j18g
N <sub>Ma</sub>	11.58	0.0	0.0	0.0	0	j36g
W <sub>Ma</sub>	95.02	0.0	0.0	0.0	0	j53g
O <sub>Ma</sub>	39.92	58.74	27.99	65.07	25	j71g
Y <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92	g21b
L <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162	g60b
V <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272	g97b

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 38 60 44

$LAB^*LCH^*_{Ma}$ : 38 74 36

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

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

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 109$

%Regularität

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

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

FRS12_95a; adaptierte CIELAB-Daten						
$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
o00y	38.06	60.0	44.0	74.4	36	r16j
o25y	47.68	47.13	56.9	73.88	50	r37j
o50y	57.77	33.62	70.44	78.05	64	r58j
o75y	69.84	17.48	86.62	88.37	79	r79j
y00l	86.77	-5.17	109.32	109.44	93	j01g
y25l	73.71	-24.12	89.19	92.39	105	j18g
y50l	63.76	-38.55	73.86	83.32	118	j36g
y75l	55.23	-50.92	60.72	79.25	130	j53g
l00c	47.13	-62.67	48.24	79.09	142	j71g
l50c	52.64	-41.0	-3.61	41.16	185	g21b
c00v	55.66	-29.14	-31.99	43.27	228	g60b
c50v	41.87	-0.69	-41.67	41.68	269	g97b
v00m	17.15	50.3	-59.04	77.57	310	b34r
v50m	28.2	63.79	-46.89	79.17	324	b45r
m00o	40.37	78.64	-33.5	85.48	337	b57r
m50o	39.13	68.67	7.94	69.13	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: Farbmetrisches Drucker-Reflektiv-System FRS12\_95a, L\*=12\_95 für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.14$   $u^*_d = o25y$   $LAB^*LCH^*_a$

Daten für jede Farbe:

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

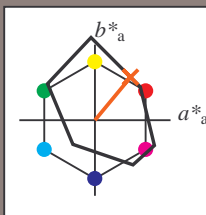
Bunttontexte:

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

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $i^*$



FRS12_95a; adaptierte CIELAB-Daten						
	$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	38.06	60.0	44.0	74.4	36	
Y <sub>Ma</sub>	86.77	-5.17	109.32	109.44	93	
L <sub>Ma</sub>	47.13	-62.67	48.24	79.09	142	
C <sub>Ma</sub>	55.66	-29.14	-31.99	43.27	228	
V <sub>Ma</sub>	17.15	50.3	-59.04	77.57	310	
M <sub>Ma</sub>	40.37	78.64	-33.5	85.48	337	
N <sub>Ma</sub>	11.58	0.0	0.0	0.0	0	
W <sub>Ma</sub>	95.02	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):

$LAB^*LAB^*_Ma$ : 48 47 57

$LAB^*LCH^*_Ma$ : 48 74 50

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

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

Dreiecks-Helligkeit  $i^*$

%Umfang

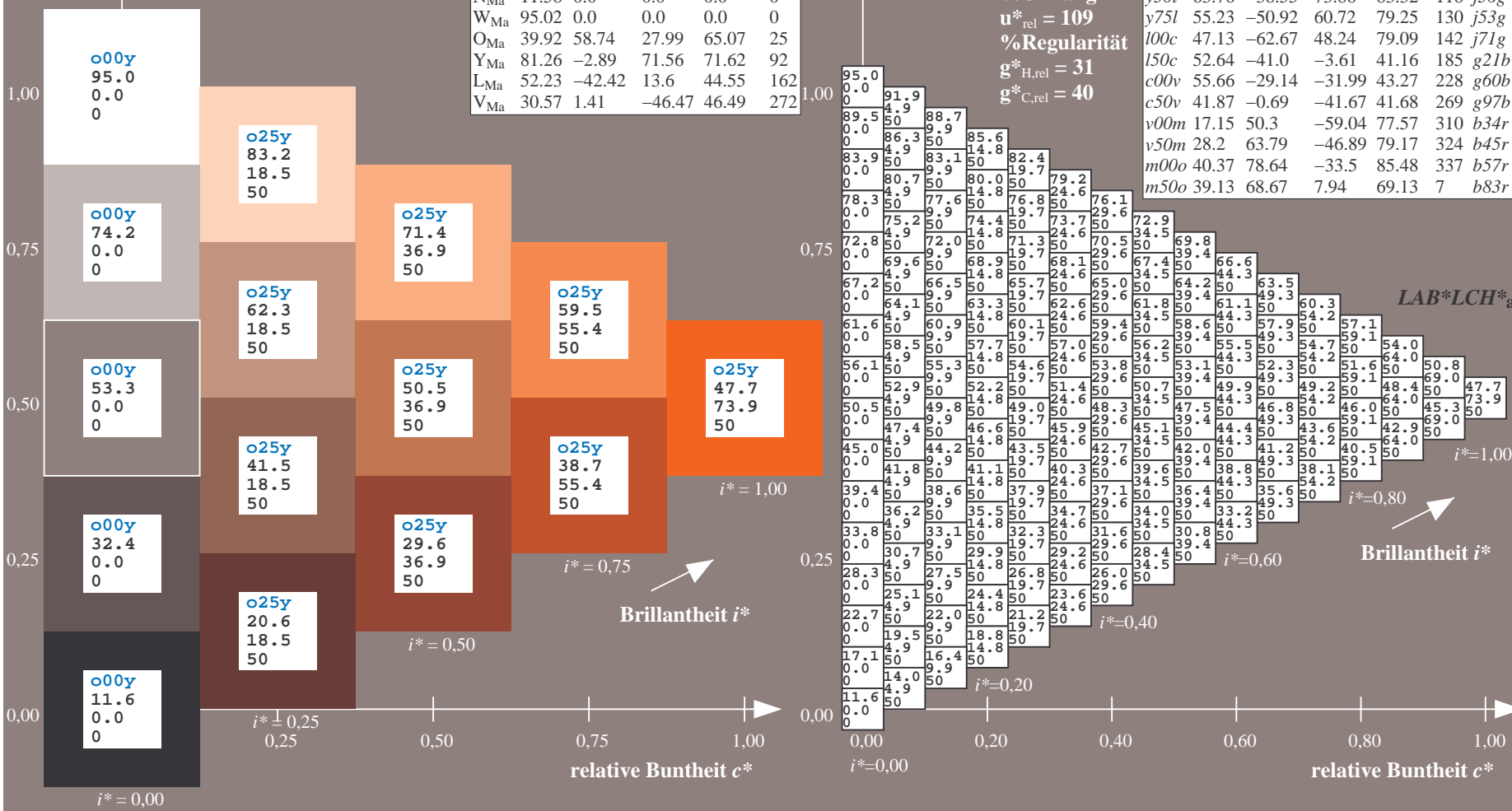
$u^*_{rel} = 109$

%Regularität

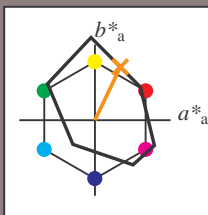
$g^*_{H,rel} = 31$

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

FRS12_95a; adaptierte CIELAB-Daten						
	$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
o00y	38.06	60.0	44.0	74.4	36	r16j
o25y	47.68	47.13	56.9	73.88	50	r37j
o50y	57.77	33.62	70.44	78.05	64	r58j
o75y	69.84	17.48	86.62	88.37	79	r79j
y00l	86.77	-5.17	109.32	109.44	93	j01g
y25l	73.71	-24.12	89.19	92.39	105	j18g
y50l	63.76	-38.55	73.86	83.32	118	j36g
y75l	55.23	-50.92	60.72	79.25	130	j53g
l00c	47.13	-62.67	48.24	79.09	142	j71g
l50c	52.64	-41.0	-3.61	41.16	185	g21b
c00v	55.66	-29.14	-31.99	43.27	228	g60b
c50v	41.87	-0.69	-41.67	41.68	269	g97b
v00m	17.15	50.3	-59.04	77.57	310	b34r
v50m	28.2	63.79	-46.89	79.17	324	b45r
m00o	40.37	78.64	-33.5	85.48	337	b57r
m50o	39.13	68.67	7.94	69.13	7	b83r



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS12\_95a, L\*=12\_95 für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.179$   $u^*_d = o50y$   
Daten für jede Farbe:  
 $lab^*ch^*$  und  $lab^*icu^*$   
Bunttontexte:  
 $u^*_d = o50y$   $u^*_e = r58j$   
Kontrastreduzierungsfaktor:  
 $c_R = 1.0$   
Dreiecks-Helligkeit  $i^*$



FRS12_95a; adaptierte CIELAB-Daten						
$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
O <sub>Ma</sub>	38.06	60.0	44.0	74.4	36	r16j
Y <sub>Ma</sub>	86.77	-5.17	109.32	109.44	93	r37j
L <sub>Ma</sub>	47.13	-62.67	48.24	79.09	142	r58j
C <sub>Ma</sub>	55.66	-29.14	-31.99	43.27	228	r79j
V <sub>Ma</sub>	17.15	50.3	-59.04	77.57	310	j01g
M <sub>Ma</sub>	40.37	78.64	-33.5	85.48	337	j18g
N <sub>Ma</sub>	11.58	0.0	0.0	0.0	0	j36g
W <sub>Ma</sub>	95.02	0.0	0.0	0.0	0	j53g
O <sub>Ma</sub>	39.92	58.74	27.99	65.07	25	j71g
Y <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92	g21b
L <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162	g60b
V <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272	g97b

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 58 34 70

$LAB^*LCH^*_{Ma}$ : 58 78 64

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

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

Dreiecks-Helligkeit  $i^*$

%Umfang

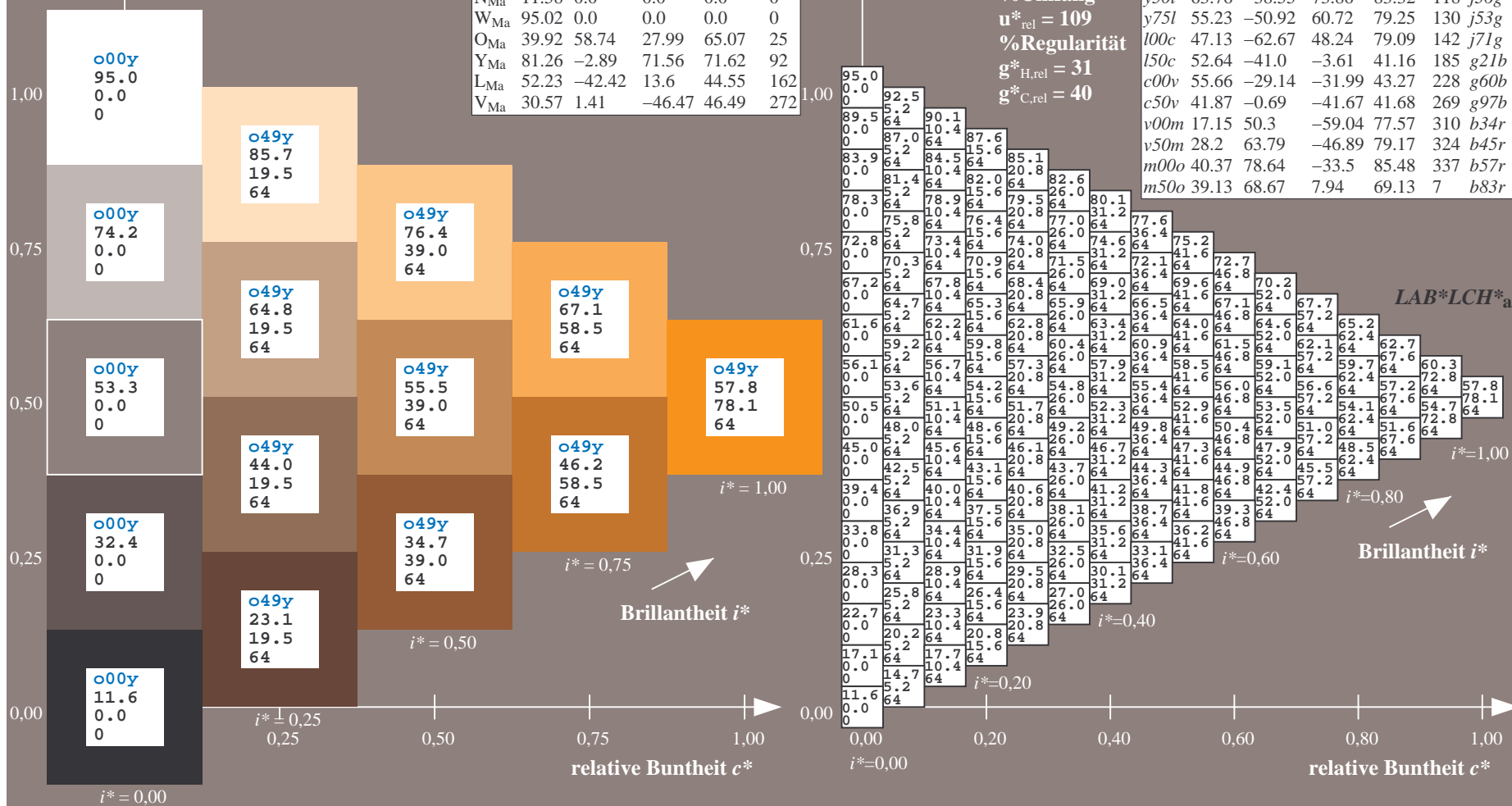
$u^*_{rel} = 109$

%Regularität

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

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

FRS12_95a; adaptierte CIELAB-Daten						
$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
o00y	38.06	60.0	44.0	74.4	36	r16j
o25y	47.68	47.13	56.9	73.88	50	r37j
o50y	57.77	33.62	70.44	78.05	64	r58j
o75y	69.84	17.48	86.62	88.37	79	r79j
y00l	86.77	-5.17	109.32	109.44	93	j01g
y25l	73.71	-24.12	89.19	92.39	105	j18g
y50l	63.76	-38.55	73.86	83.32	118	j36g
y75l	55.23	-50.92	60.72	79.25	130	j53g
l00c	47.13	-62.67	48.24	79.09	142	j71g
l50c	52.64	-41.0	-3.61	41.16	185	g21b
c00v	55.66	-29.14	-31.99	43.27	228	g60b
c50v	41.87	-0.69	-41.67	41.68	269	g97b
v00m	17.15	50.3	-59.04	77.57	310	b34r
v50m	28.2	63.79	-46.89	79.17	324	b45r
m00o	40.37	78.64	-33.5	85.48	337	b57r
m50o	39.13	68.67	7.94	69.13	7	b83r



### Dreiecks-Helligkeit $t^*$



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

BAM-Registrierung: 20081001-Fg62/10L/L62g00NA.TXT/.PS BAM-Material: Code=rh4ta  
Anwendung für Beurteilung und Messung von Drucker- oder Monitorsystemen

### Dreiecks-Helligkeit $t^*$



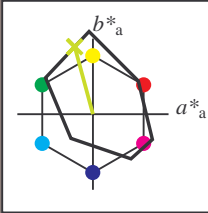
D65: Farbreihen, Datentabellen für 16 Bunttöne *o00y*

DoAusgabe:  $\rightarrow cmy0^* setcmykcolor$

ta



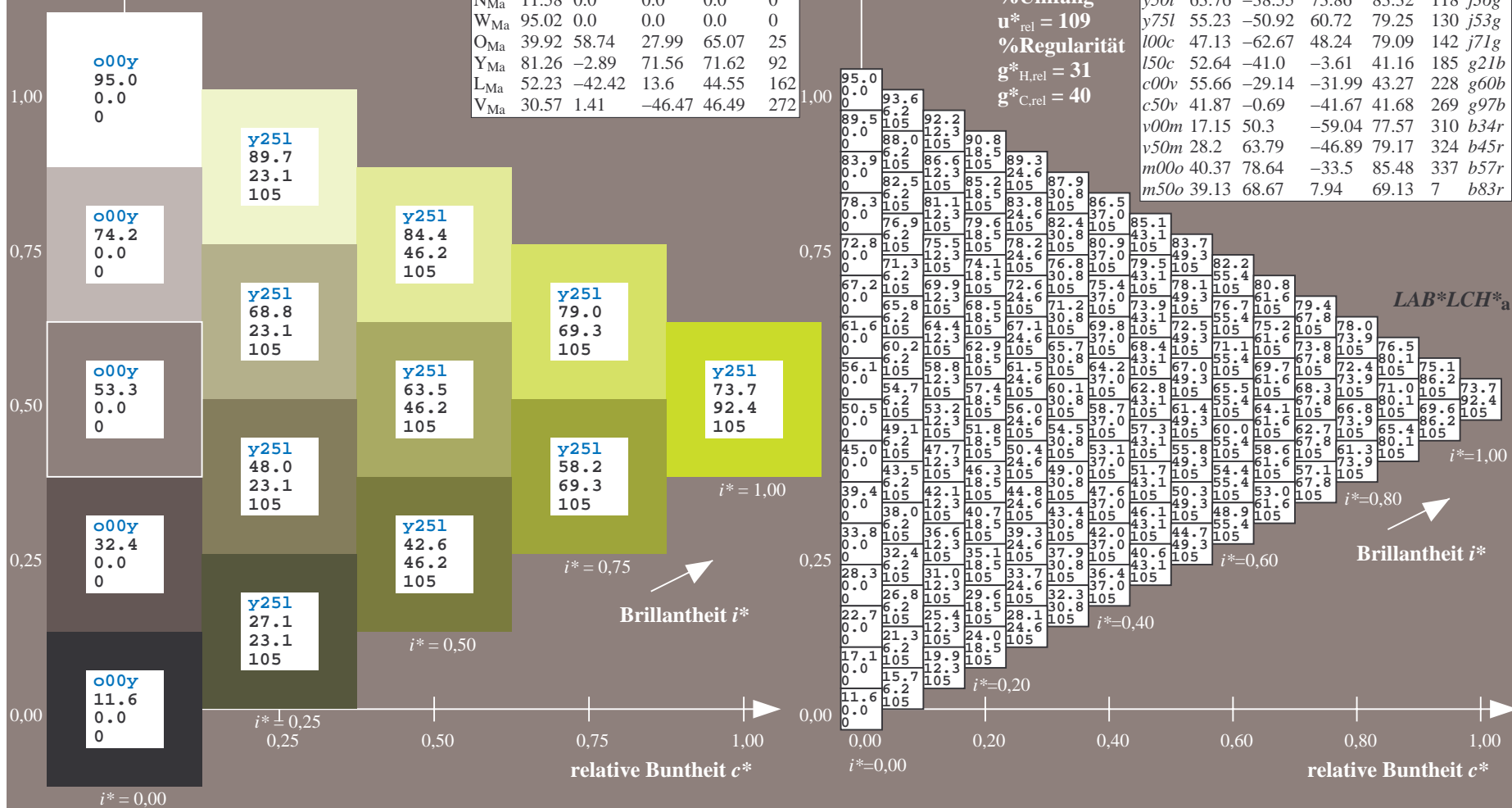
### Dreiecks-Helligkeit $t^*$



FRS12_95a; adaptierte CIELAB-Daten						
$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	
O <sub>Ma</sub>	38.06	60.0	44.0	74.4	36	
Y <sub>Ma</sub>	86.77	-5.17	109.32	109.44	93	
L <sub>Ma</sub>	47.13	-62.67	48.24	79.09	142	
C <sub>Ma</sub>	55.66	-29.14	-31.99	43.27	228	
V <sub>Ma</sub>	17.15	50.3	-59.04	77.57	310	
M <sub>Ma</sub>	40.37	78.64	-33.5	85.48	337	
N <sub>Ma</sub>	11.58	0.0	0.0	0.0	0	
W <sub>Ma</sub>	95.02	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	

### Dreiecks-Helligkeit $t^*$

FRS12_95a; adaptierte CIELAB-Daten							
$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$	
<i>o00y</i>	38.06	60.0	44.0	74.4	36	<i>r16j</i>	
<i>o25y</i>	47.68	47.13	56.9	73.88	50	<i>r37j</i>	
<i>o50y</i>	57.77	33.62	70.44	78.05	64	<i>r58j</i>	
<i>o75y</i>	69.84	17.48	86.62	88.37	79	<i>r79j</i>	
<i>y00l</i>	86.77	-5.17	109.32	109.44	93	<i>j01g</i>	
<i>y25l</i>	73.71	-24.12	89.19	92.39	105	<i>j18g</i>	
<i>y50l</i>	63.76	-38.55	73.86	83.32	118	<i>j36g</i>	
<i>y75l</i>	55.23	-50.92	60.72	79.25	130	<i>j53g</i>	
<i>l00c</i>	47.13	-62.67	48.24	79.09	142	<i>j71g</i>	
<i>l50c</i>	52.64	-41.0	-3.61	41.16	185	<i>g21b</i>	
<i>c00v</i>	55.66	-29.14	-31.99	43.27	228	<i>g60b</i>	
<i>c50v</i>	41.87	-0.69	-41.67	41.68	269	<i>g97b</i>	
<i>v00m</i>	17.15	50.3	-59.04	77.57	310	<i>b34r</i>	
<i>v50m</i>	28.2	63.79	-46.89	79.17	324	<i>b45r</i>	
<i>m00o</i>	40.37	78.64	-33.5	85.48	337	<i>b57r</i>	
<i>m50o</i>	39.13	68.67	7.94	69.13	7	<i>b83r</i>	



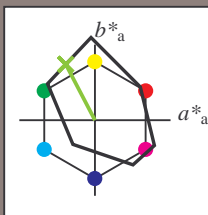
D65: Farbreihen, Datentabellen für 16 Bunttöne  $000y$  b

oAusgabe:  $\rightarrow cmy0^* setcmykcolor$

BAM-Registrierung: 20081001-Fg62/10L/L62g00NA.TXT/.PS BAM-Material: Code=rha4ta  
Anwendung für Beurteilung und Messung von Drucker- oder Monitorsystemen

Siehe ähnliche Dateien: <http://www.ps.bam.de/Fg62/>; [www.ps.bam.de/Fg.HTM](http://www.ps.bam.de/Fg.HTM)  
Technische Information: <http://www.ps.bam.de> Version 2.1, io=1,1, ColSpx=0

Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS12\_95a, L\*=12\_95 für relative CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.327$   $u^*_d = y50l$   
Daten für jede Farbe:  
 $lab^*tch^*$  und  $lab^*icu^*$   
Bunttontexte:  
 $u^*_d = y50l$   $u^*_e = j36g$   
Kontrastreduzierungsfaktor:  
 $c_R = 1.0$   
Dreiecks-Helligkeit  $t^*$



FRS12_95a; adaptierte CIELAB-Daten					
$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	38.06	60.0	44.0	74.4	36
Y <sub>Ma</sub>	86.77	-5.17	109.32	109.44	93
L <sub>Ma</sub>	47.13	-62.67	48.24	79.09	142
C <sub>Ma</sub>	55.66	-29.14	-31.99	43.27	228
V <sub>Ma</sub>	17.15	50.3	-59.04	77.57	310
M <sub>Ma</sub>	40.37	78.64	-33.5	85.48	337
N <sub>Ma</sub>	11.58	0.0	0.0	0.0	0
W <sub>Ma</sub>	95.02	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):

$LAB^*LAB^*_{Ma}$ : 64 -39 74

$LAB^*LCH^*_{Ma}$ : 64 83 117

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

$lab^*rgb^*_{Ma}$ : 0.64 1.0 0.0

Dreiecks-Helligkeit  $t^*$

%Umfang

$u^*_{rel} = 109$

%Regularität

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

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

FRS12_95a; adaptierte CIELAB-Daten					
$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
$o00y$	38.06	60.0	44.0	74.4	36
$o25y$	47.68	47.13	56.9	73.88	50
$o50y$	57.77	33.62	70.44	78.05	64
$o75y$	69.84	17.48	86.62	88.37	79
$y00l$	86.77	-5.17	109.32	109.44	93
$y25l$	73.71	-24.12	89.19	92.39	105
$y50l$	63.76	-38.55	73.86	83.32	118
$y75l$	55.23	-50.92	60.72	79.25	130
$l00c$	47.13	-62.67	48.24	79.09	142
$l50c$	52.64	-41.0	-3.61	41.16	185
$c00v$	55.66	-29.14	-31.99	43.27	228
$c50v$	41.87	-0.69	-41.67	41.68	269
$v00m$	17.15	50.3	-59.04	77.57	310
$v50m$	28.2	63.79	-46.89	79.17	324
$m00o$	40.37	78.64	-33.5	85.48	337
$m50o$	39.13	68.67	7.94	69.13	7

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

$i^*=1.00$

Brillantheit  $i^*$

$i^*=0.80$

$i^*=0.60$

$i^*=0.40$

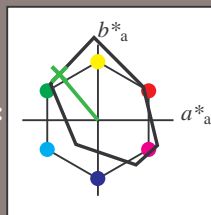
$i^*=0.20$

$i^*=0.00$

relative Buntheit  $c^*$

relative Buntheit  $c^*$

Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS12\_95a, L\*=12\_95 für relative CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.361$   $u^*_d = y75l$   
Daten für jede Farbe:  $lab^*tch^*$  und  $lab^*icu^*$   
Bunttontexte:  $u^*_d = y75l$   $u^*_e = j53g$   
Kontrastreduzierungsfaktor:  $c_R = 1.0$   
Dreiecks-Helligkeit  $t^*$



FRS12_95a; adaptierte CIELAB-Daten						
$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
O <sub>Ma</sub>	38.06	60.0	44.0	74.4	36	r16j
Y <sub>Ma</sub>	86.77	-5.17	109.32	109.44	93	r37j
L <sub>Ma</sub>	47.13	-62.67	48.24	79.09	142	r58j
C <sub>Ma</sub>	55.66	-29.14	-31.99	43.27	228	r79j
V <sub>Ma</sub>	17.15	50.3	-59.04	77.57	310	j01g
M <sub>Ma</sub>	40.37	78.64	-33.5	85.48	337	j18g
N <sub>Ma</sub>	11.58	0.0	0.0	0.0	0	j36g
W <sub>Ma</sub>	95.02	0.0	0.0	0.0	0	j53g
O <sub>Ma</sub>	39.92	58.74	27.99	65.07	25	j71g
Y <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92	g21b
L <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162	g60b
V <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272	g97b

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 55 -51 61

$LAB^*LCH^*_{Ma}$ : 55 79 129

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

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

Dreiecks-Helligkeit  $t^*$

%Umfang

$u^*_{rel} = 109$

%Regularität

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

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

FRS12_95a; adaptierte CIELAB-Daten						
$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
o00y	38.06	60.0	44.0	74.4	36	r16j
o25y	47.68	47.13	56.9	73.88	50	r37j
o50y	57.77	33.62	70.44	78.05	64	r58j
o75y	69.84	17.48	86.62	88.37	79	r79j
y00l	86.77	-5.17	109.32	109.44	93	j01g
y25l	73.71	-24.12	89.19	92.39	105	j18g
y50l	63.76	-38.55	73.86	83.32	118	j36g
y75l	55.23	-50.92	60.72	79.25	130	j53g
l00c	47.13	-62.67	48.24	79.09	142	j71g
l50c	52.64	-41.0	-3.61	41.16	185	g21b
c00v	55.66	-29.14	-31.99	43.27	228	g60b
c50v	41.87	-0.69	-41.67	41.68	269	g97b
v00m	17.15	50.3	-59.04	77.57	310	b34r
v50m	28.2	63.79	-46.89	79.17	324	b45r
m00o	40.37	78.64	-33.5	85.48	337	b57r
m50o	39.13	68.67	7.94	69.13	7	b83r

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

$i^*=1.00$

Brillantheit  $i^*$

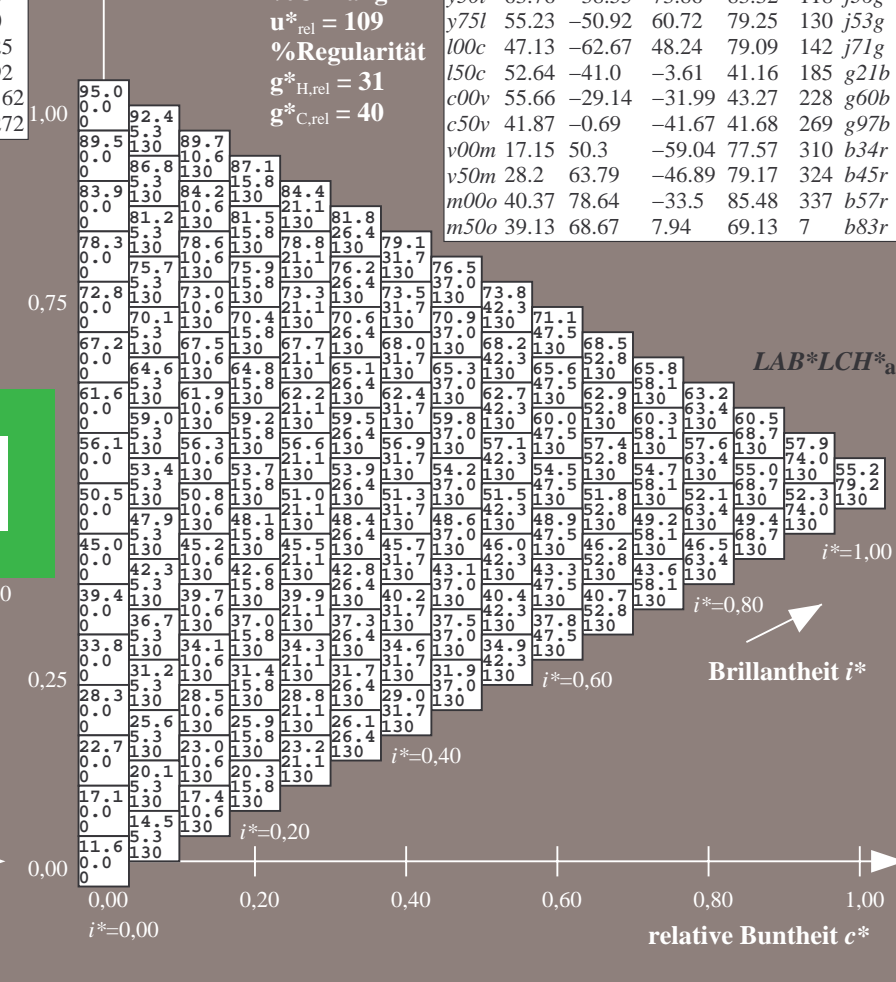
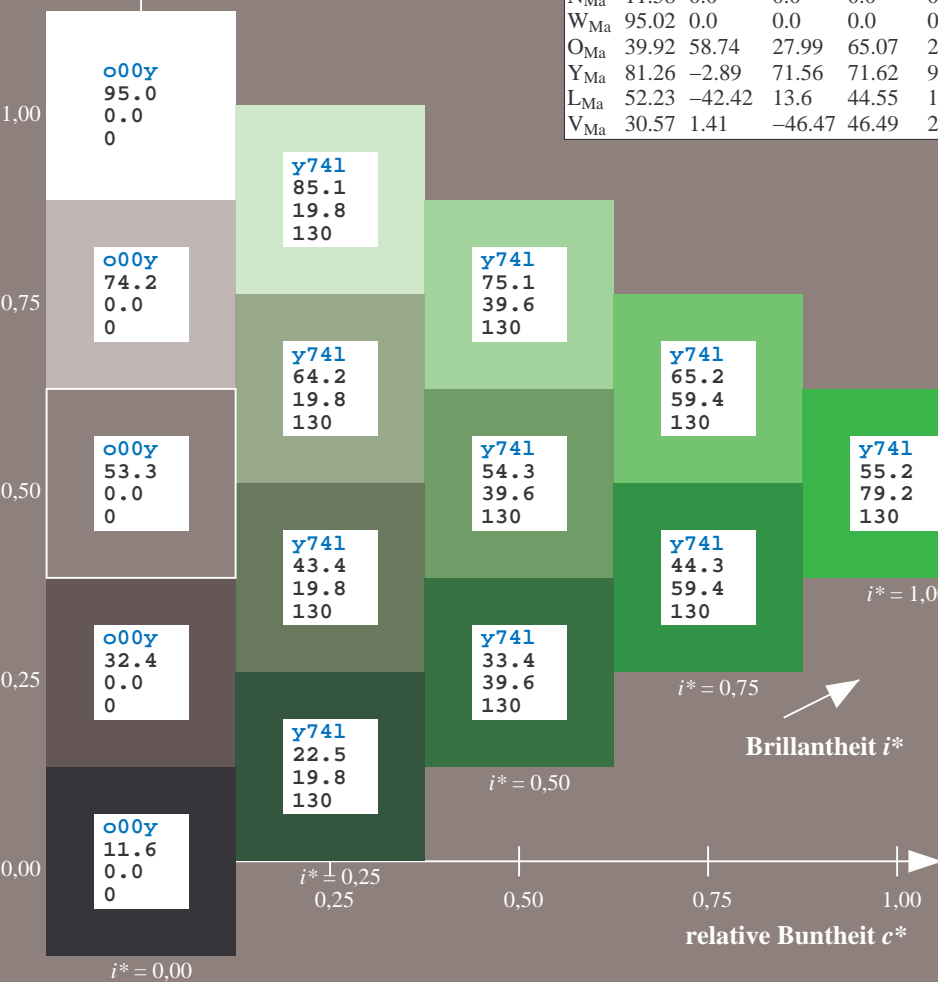
$i^*=0.80$

$i^*=0.60$

$i^*=0.40$

$i^*=0.20$

$i^*=0.00$



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS12\_95a, L\*=12\_95 für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.396$   $u^*_d = 100c$ 

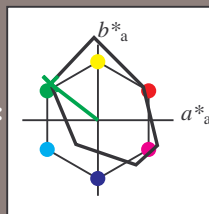
Daten für jede Farbe:

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

Bunttontexte:

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

Kontrastreduzierungsfaktor:

 $c_R = 1.0$ Dreiecks-Helligkeit  $i^*$ 

FRS12\_95a; adaptierte CIELAB-Daten

	$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	38.06	60.0	44.0	74.4	36	
Y <sub>Ma</sub>	86.77	-5.17	109.32	109.44	93	
L <sub>Ma</sub>	47.13	-62.67	48.24	79.09	142	
C <sub>Ma</sub>	55.66	-29.14	-31.99	43.27	228	
V <sub>Ma</sub>	17.15	50.3	-59.04	77.57	310	
M <sub>Ma</sub>	40.37	78.64	-33.5	85.48	337	
N <sub>Ma</sub>	11.58	0.0	0.0	0.0	0	
W <sub>Ma</sub>	95.02	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 -63 48 $LAB^*LCH^*_{Ma}$ : 47 79 142 $lab^*olv^*_{Ma}$ : 0.0 1.0 0.0 $lab^*rgb^*_{Ma}$ : 0.28 1.0 0.0Dreiecks-Helligkeit  $i^*$ 

%Umfang

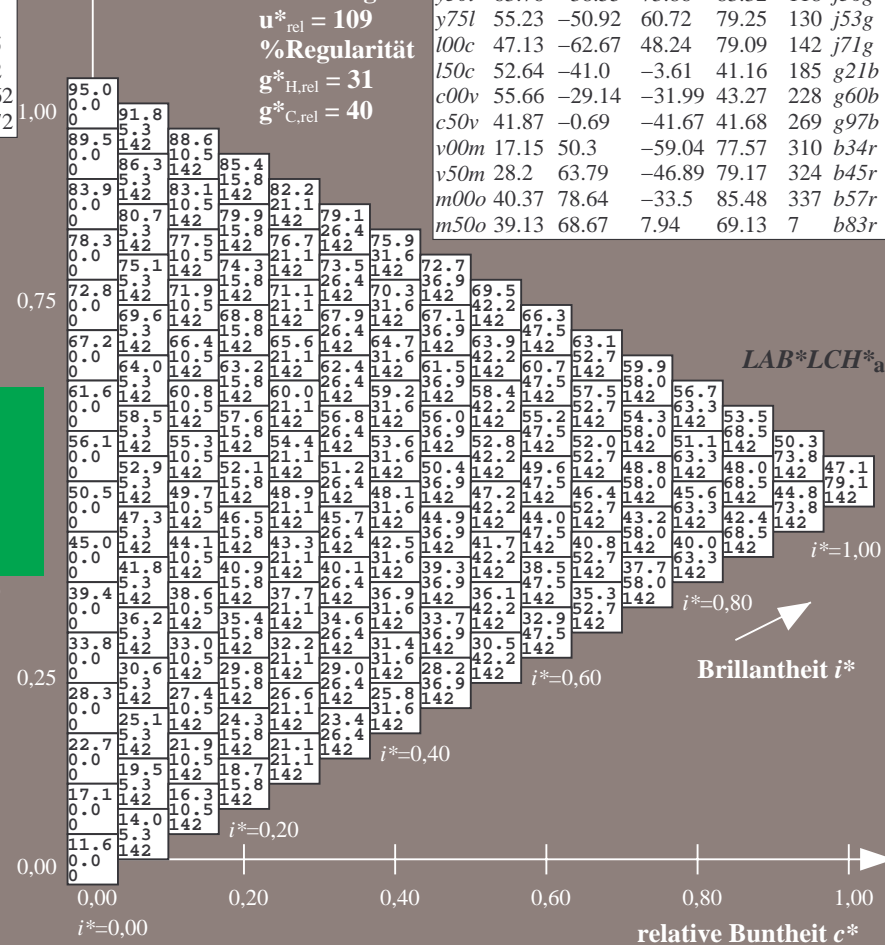
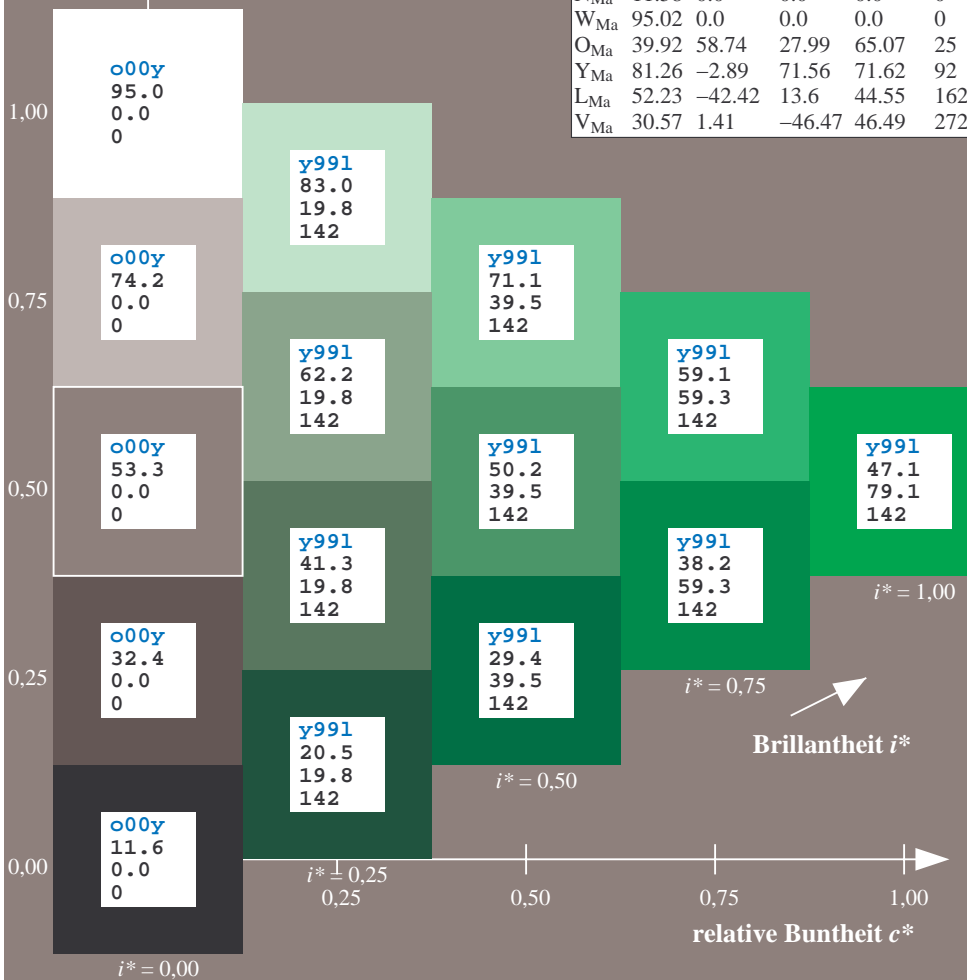
 $u^*_{rel} = 109$ 

%Regularität

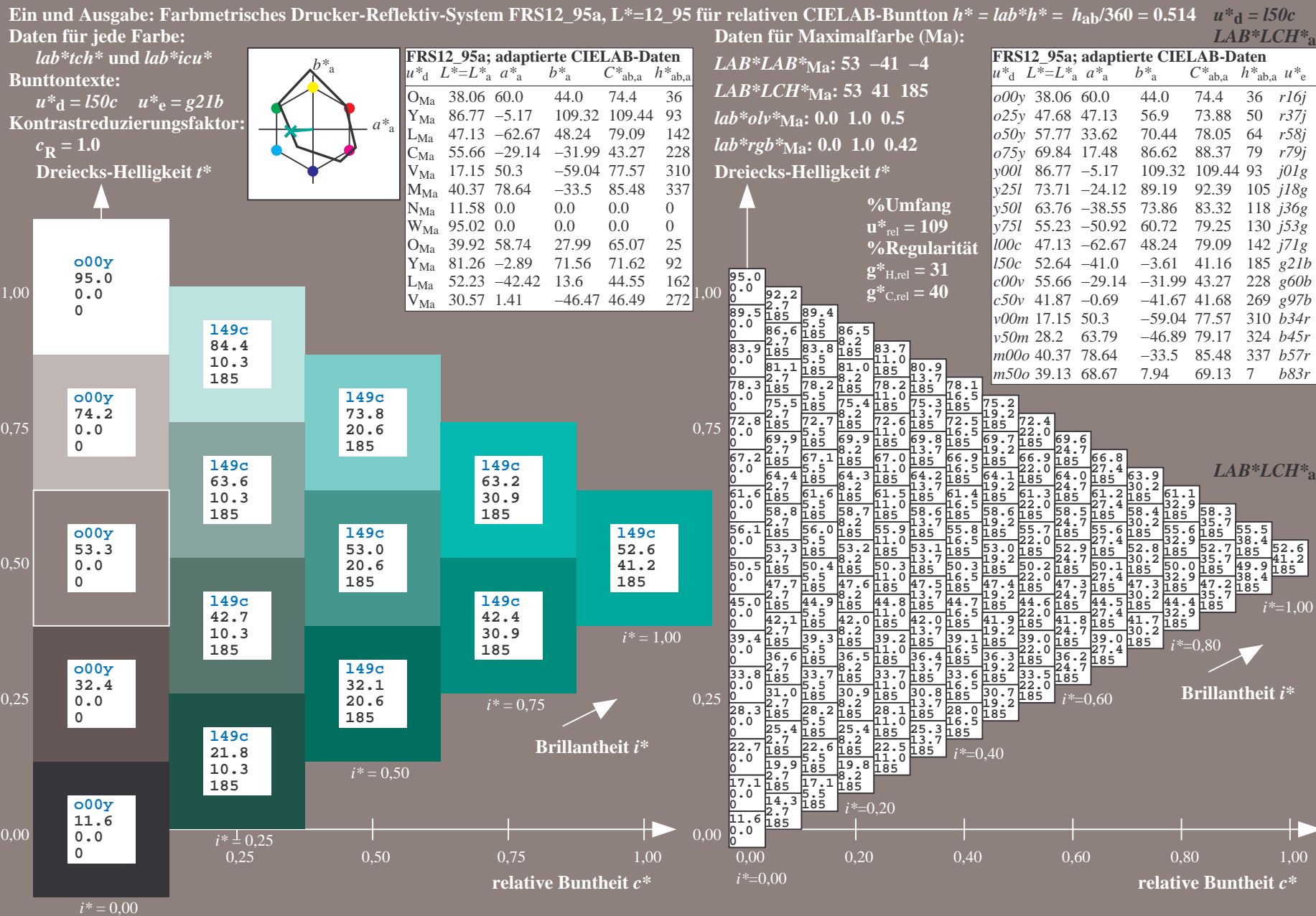
 $g^*_{H,rel} = 31$  $g^*_{C,rel} = 40$ 

FRS12\_95a; adaptierte CIELAB-Daten

	$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
o00y	38.06	60.0	44.0	74.4	36		r16j
o25y	47.68	47.13	56.9	73.88	50		r37j
o50y	57.77	33.62	70.44	78.05	64		r58j
o75y	69.84	17.48	86.62	88.37	79		r79j
y00l	86.77	-5.17	109.32	109.44	93		j01g
y25l	73.71	-24.12	89.19	92.39	105		j18g
y50l	63.76	-38.55	73.86	83.32	118		j36g
y75l	55.23	-50.92	60.72	79.25	130		j53g
l00c	47.13	-62.67	48.24	79.09	142		j71g
l50c	52.64	-41.0	-3.61	41.16	185		g21b
c00v	55.66	-29.14	-31.99	43.27	228		g60b
c50v	41.87	-0.69	-41.67	41.68	269		g97b
v00m	17.15	50.3	-59.04	77.57	310		b34r
v50m	28.2	63.79	-46.89	79.17	324		b45r
m00o	40.37	78.64	-33.5	85.48	337		b57r
m50o	39.13	68.67	7.94	69.13	7		b83r







Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS12\_95a, L\*=12\_95 für relative CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.632$   $u^*_d = c00v$ 

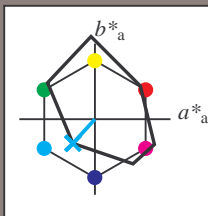
Daten für jede Farbe:

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

Bunttontexte:

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

Kontrastreduzierungsfaktor:

 $c_R = 1.0$ Dreiecks-Helligkeit  $i^*$ 

FRS12\_95a; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	38.06	60.0	44.0	74.4	36
Y <sub>Ma</sub>	86.77	-5.17	109.32	109.44	93
L <sub>Ma</sub>	47.13	-62.67	48.24	79.09	142
C <sub>Ma</sub>	55.66	-29.14	-31.99	43.27	228
V <sub>Ma</sub>	17.15	50.3	-59.04	77.57	310
M <sub>Ma</sub>	40.37	78.64	-33.5	85.48	337
N <sub>Ma</sub>	11.58	0.0	0.0	0.0	0
W <sub>Ma</sub>	95.02	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):

 $LAB^*LAB^*_{Ma}$ : 56 -29 -32 $LAB^*LCH^*_{Ma}$ : 56 43 227 $lab^*olv^*_{Ma}$ : 0.0 1.0 1.0 $lab^*rgb^*_{Ma}$ : 0.0 0.8 1.0Dreiecks-Helligkeit  $i^*$ 

%Umfang

 $u^*_{rel} = 109$ 

%Regularität

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

FRS12\_95a; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
o00y	38.06	60.0	44.0	74.4	36	r16j
o25y	47.68	47.13	56.9	73.88	50	r37j
o50y	57.77	33.62	70.44	78.05	64	r58j
o75y	69.84	17.48	86.62	88.37	79	r79j
y00l	86.77	-5.17	109.32	109.44	93	j01g
y25l	73.71	-24.12	89.19	92.39	105	j18g
y50l	63.76	-38.55	73.86	83.32	118	j36g
y75l	55.23	-50.92	60.72	79.25	130	j53g
l00c	47.13	-62.67	48.24	79.09	142	j71g
l50c	52.64	-41.0	-3.61	41.16	185	g21b
c00v	55.66	-29.14	-31.99	43.27	228	g60b
c50v	41.87	-0.69	-41.67	41.68	269	g97b
v00m	17.15	50.3	-59.04	77.57	310	b34r
v50m	28.2	63.79	-46.89	79.17	324	b45r
m00o	40.37	78.64	-33.5	85.48	337	b57r
m50o	39.13	68.67	7.94	69.13	7	b83r

 $LAB^*LCH^*_{a}$  $i^*=1.00$ 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 FRS12\_95a, L\*=12\_95 für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.747$   $u^*_d = c50v$ 

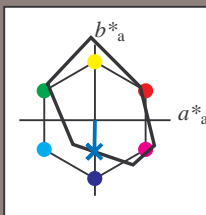
Daten für jede Farbe:

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

Bunttontexte:

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

Kontrastreduzierungsfaktor:

 $c_R = 1.0$ Dreiecks-Helligkeit  $i^*$ 

FRS12\_95a; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	38.06	60.0	44.0	74.4	36
Y <sub>Ma</sub>	86.77	-5.17	109.32	109.44	93
L <sub>Ma</sub>	47.13	-62.67	48.24	79.09	142
C <sub>Ma</sub>	55.66	-29.14	-31.99	43.27	228
V <sub>Ma</sub>	17.15	50.3	-59.04	77.57	310
M <sub>Ma</sub>	40.37	78.64	-33.5	85.48	337
N <sub>Ma</sub>	11.58	0.0	0.0	0.0	0
W <sub>Ma</sub>	95.02	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 -42 $LAB^*LCH^*_{Ma}$ : 42 42 269 $lab^*olv^*_{Ma}$ : 0.0 0.5 1.0 $lab^*rgb^*_{Ma}$ : 0.0 0.05 1.0Dreiecks-Helligkeit  $i^*$ 

%Umfang

 $u^*_{rel} = 109$ 

%Regularität

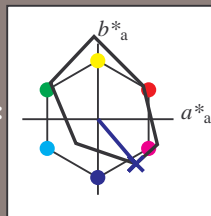
 $g^*_{H,rel} = 31$  $g^*_{C,rel} = 40$ 

FRS12\_95a; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
o00y	38.06	60.0	44.0	74.4	36	r16j
o25y	47.68	47.13	56.9	73.88	50	r37j
o50y	57.77	33.62	70.44	78.05	64	r58j
o75y	69.84	17.48	86.62	88.37	79	r79j
y00l	86.77	-5.17	109.32	109.44	93	j01g
y25l	73.71	-24.12	89.19	92.39	105	j18g
y50l	63.76	-38.55	73.86	83.32	118	j36g
y75l	55.23	-50.92	60.72	79.25	130	j53g
l00c	47.13	-62.67	48.24	79.09	142	j71g
l50c	52.64	-41.0	-3.61	41.16	185	g21b
c00v	55.66	-29.14	-31.99	43.27	228	g60b
c50v	41.87	-0.69	-41.67	41.68	269	g97b
v00m	17.15	50.3	-59.04	77.57	310	b34r
v50m	28.2	63.79	-46.89	79.17	324	b45r
m00o	40.37	78.64	-33.5	85.48	337	b57r
m50o	39.13	68.67	7.94	69.13	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: Farbmetrisches Drucker-Reflektiv-System FRS12\_95a, L\*=12\_95 für relative CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.862$   $u^*_d = v00m$   
Daten für jede Farbe:  
 $lab^*tch^*$  und  $lab^*icu^*$   
Bunttontexte:  
 $u^*_d = v00m$   $u^*_e = b34r$   
Kontrastreduzierungsfaktor:  
 $c_R = 1.0$   
Dreiecks-Helligkeit  $t^*$



FRS12_95a; adaptierte CIELAB-Daten						
$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	
O <sub>Ma</sub>	38.06	60.0	44.0	74.4	36	
Y <sub>Ma</sub>	86.77	-5.17	109.32	109.44	93	
L <sub>Ma</sub>	47.13	-62.67	48.24	79.09	142	
C <sub>Ma</sub>	55.66	-29.14	-31.99	43.27	228	
V <sub>Ma</sub>	17.15	50.3	-59.04	77.57	310	
M <sub>Ma</sub>	40.37	78.64	-33.5	85.48	337	
N <sub>Ma</sub>	11.58	0.0	0.0	0.0	0	
W <sub>Ma</sub>	95.02	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):

$LAB^*LAB^*_{Ma}$ : 17 50 -59

$LAB^*LCH^*_{Ma}$ : 17 78 310

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

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

Dreiecks-Helligkeit  $t^*$

%Umfang

$u^*_{rel} = 109$

%Regularität

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

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

FRS12_95a; adaptierte CIELAB-Daten						
$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
o00y	38.06	60.0	44.0	74.4	36	r16j
o25y	47.68	47.13	56.9	73.88	50	r37j
o50y	57.77	33.62	70.44	78.05	64	r58j
o75y	69.84	17.48	86.62	88.37	79	r79j
y00l	86.77	-5.17	109.32	109.44	93	j01g
y25l	73.71	-24.12	89.19	92.39	105	j18g
y50l	63.76	-38.55	73.86	83.32	118	j36g
y75l	55.23	-50.92	60.72	79.25	130	j53g
l00c	47.13	-62.67	48.24	79.09	142	j71g
l50c	52.64	-41.0	-3.61	41.16	185	g21b
c00v	55.66	-29.14	-31.99	43.27	228	g60b
c50v	41.87	-0.69	-41.67	41.68	269	g97b
v00m	17.15	50.3	-59.04	77.57	310	b34r
v50m	28.2	63.79	-46.89	79.17	324	b45r
m00o	40.37	78.64	-33.5	85.48	337	b57r
m50o	39.13	68.67	7.94	69.13	7	b83r

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

$i^*=1.00$

Brillantheit  $i^*$

$i^*=0.80$

$i^*=0.60$

$i^*=0.40$

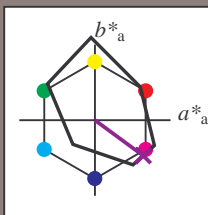
$i^*=0.20$

relative Buntheit  $c^*$

relative Buntheit  $c^*$



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS12\_95a, L\*=12\_95 für relative CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.899$   $u^*_d = v50m$   
Daten für jede Farbe:  
 $lab^*ch^*$  und  $lab^*icu^*$   
Bunttontexte:  
 $u^*_d = v50m$   $u^*_e = b45r$   
Kontrastreduzierungsfaktor:  
 $c_R = 1.0$   
Dreiecks-Helligkeit  $i^*$



FRS12_95a; adaptierte CIELAB-Daten					
$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	38.06	60.0	44.0	74.4	36
Y <sub>Ma</sub>	86.77	-5.17	109.32	109.44	93
L <sub>Ma</sub>	47.13	-62.67	48.24	79.09	142
C <sub>Ma</sub>	55.66	-29.14	-31.99	43.27	228
V <sub>Ma</sub>	17.15	50.3	-59.04	77.57	310
M <sub>Ma</sub>	40.37	78.64	-33.5	85.48	337
N <sub>Ma</sub>	11.58	0.0	0.0	0.0	0
W <sub>Ma</sub>	95.02	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):

$LAB^*LAB^*_{Ma}$ : 28 64 -47

$LAB^*LCH^*_{Ma}$ : 28 79 323

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

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

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 109$

%Regularität

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

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

FRS12_95a; adaptierte CIELAB-Daten						
$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
o00y	38.06	60.0	44.0	74.4	36	r16j
o25y	47.68	47.13	56.9	73.88	50	r37j
o50y	57.77	33.62	70.44	78.05	64	r58j
o75y	69.84	17.48	86.62	88.37	79	r79j
y00l	86.77	-5.17	109.32	109.44	93	j01g
y25l	73.71	-24.12	89.19	92.39	105	j18g
y50l	63.76	-38.55	73.86	83.32	118	j36g
y75l	55.23	-50.92	60.72	79.25	130	j53g
l00c	47.13	-62.67	48.24	79.09	142	j71g
l50c	52.64	-41.0	-3.61	41.16	185	g21b
c50v	55.66	-29.14	-31.99	43.27	228	g60b
c50v	41.87	-0.69	-41.67	41.68	269	g97b
v00m	17.15	50.3	-59.04	77.57	310	b34r
v50m	28.2	63.79	-46.89	79.17	324	b45r
m00o	40.37	78.64	-33.5	85.48	337	b57r
m50o	39.13	68.67	7.94	69.13	7	b83r

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

$i^*=1.00$

Brillantheit  $i^*$

$i^*=0.80$

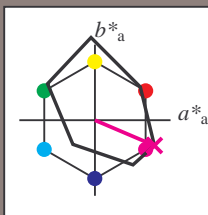
$i^*=0.60$

$i^*=0.40$

$i^*=0.20$

$i^*=0.00$

Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS12\_95a, L\*=12\_95 für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.936$   $u^*_d = m00o$   
Daten für jede Farbe:  
 $lab^*ch^*$  und  $lab^*icu^*$   
Bunttontexte:  
 $u^*_d = m00o$   $u^*_e = b57r$   
Kontrastreduzierungsfaktor:  
 $c_R = 1.0$   
Dreiecks-Helligkeit  $i^*$



FRS12_95a; adaptierte CIELAB-Daten						
$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
O <sub>Ma</sub>	38.06	60.0	44.0	74.4	36	
Y <sub>Ma</sub>	86.77	-5.17	109.32	109.44	93	
L <sub>Ma</sub>	47.13	-62.67	48.24	79.09	142	
C <sub>Ma</sub>	55.66	-29.14	-31.99	43.27	228	
V <sub>Ma</sub>	17.15	50.3	-59.04	77.57	310	
M <sub>Ma</sub>	40.37	78.64	-33.5	85.48	337	
N <sub>Ma</sub>	11.58	0.0	0.0	0.0	0	
W <sub>Ma</sub>	95.02	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 79 -34

$LAB^*LCH^*_{Ma}$ : 40 85 336

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

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

Dreiecks-Helligkeit  $i^*$

%Umfang

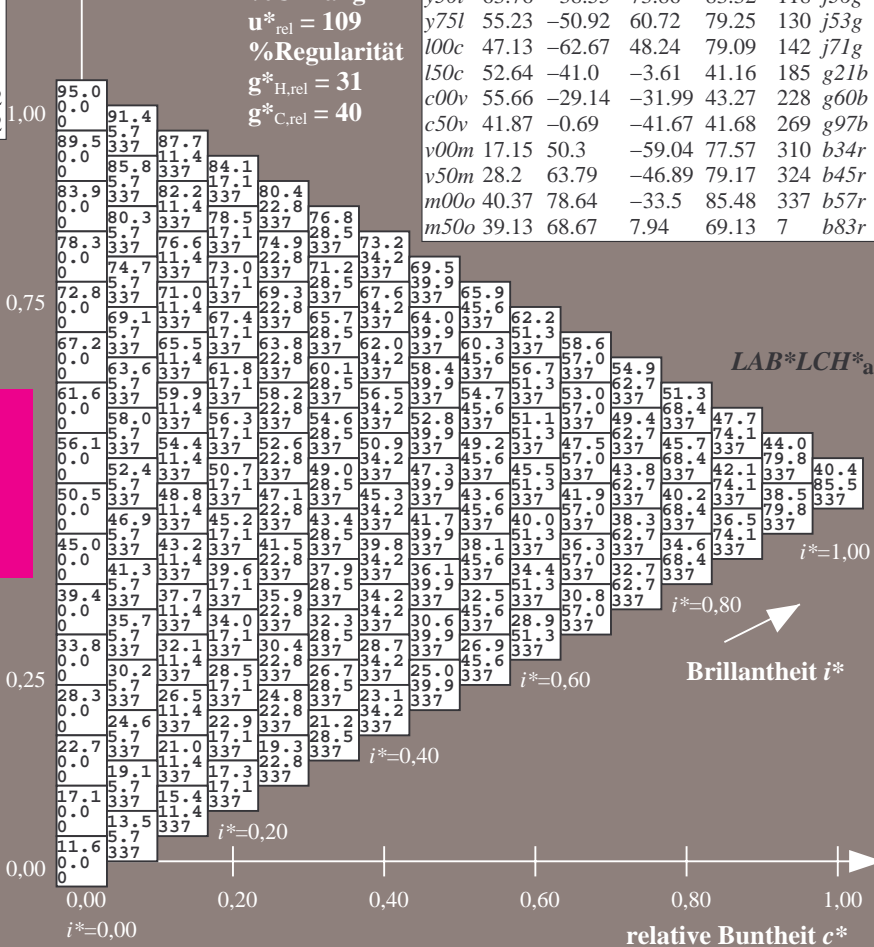
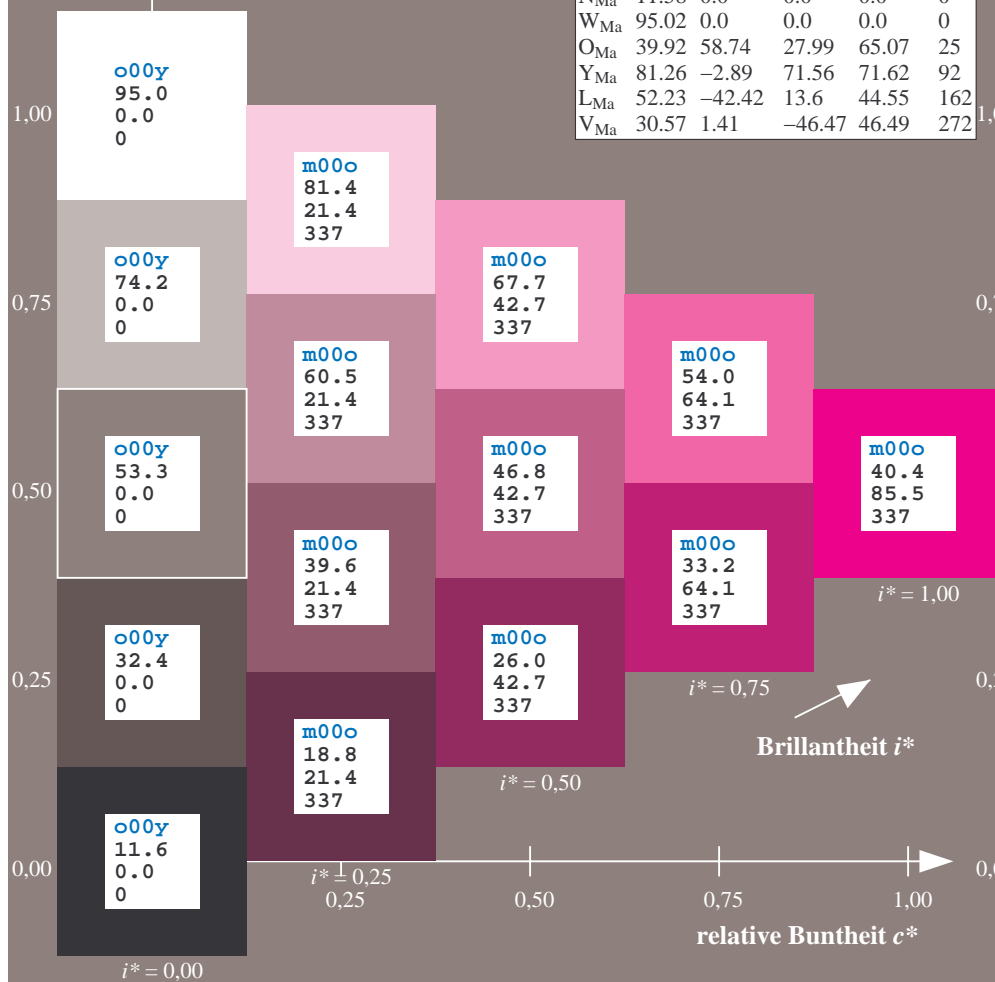
$u^*_{rel} = 109$

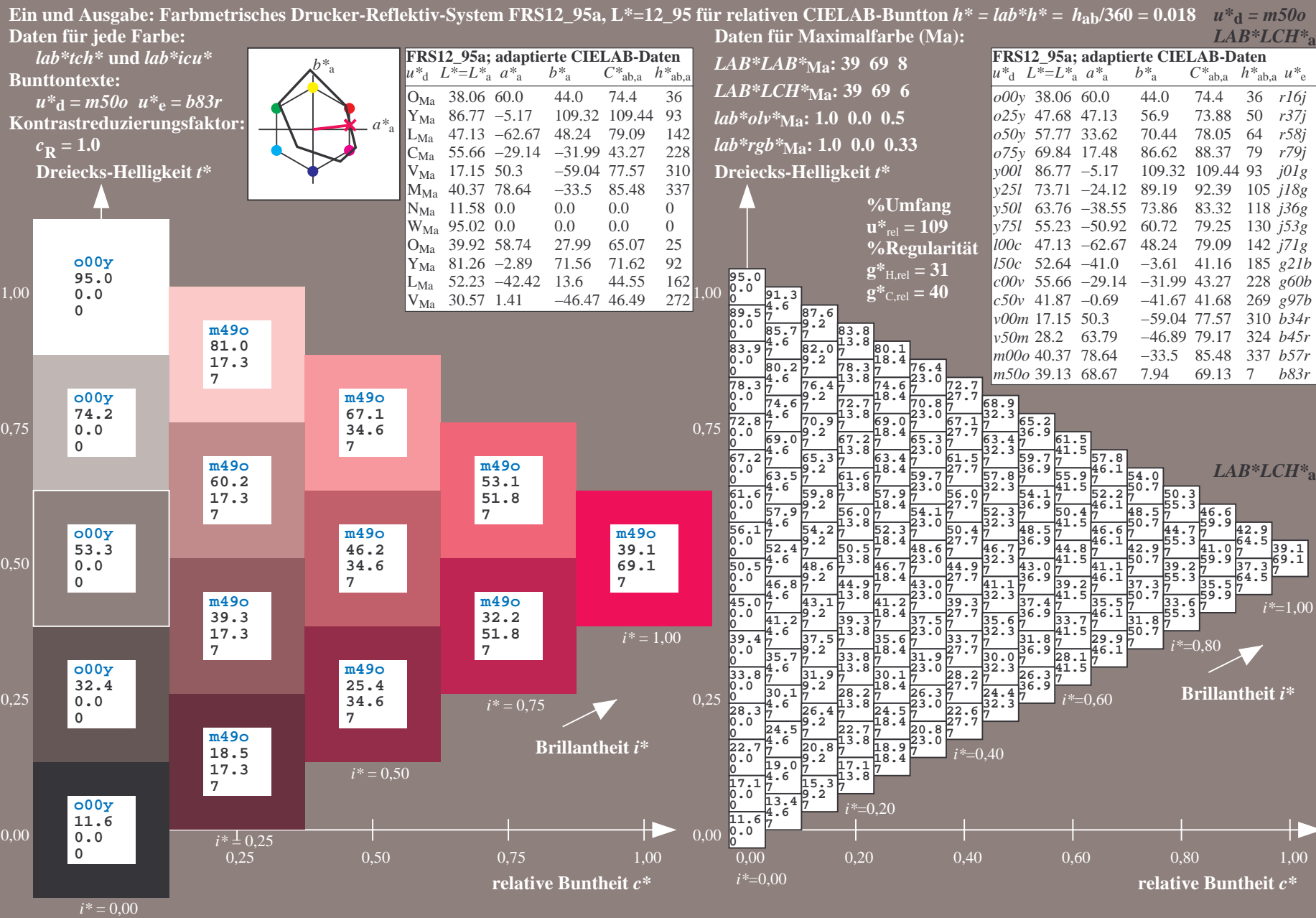
%Regularität

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

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

FRS12_95a; adaptierte CIELAB-Daten						
$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
o00y	38.06	60.0	44.0	74.4	36	r16j
o25y	47.68	47.13	56.9	73.88	50	r37j
o50y	57.77	33.62	70.44	78.05	64	r58j
o75y	69.84	17.48	86.62	88.37	79	r79j
y00l	86.77	-5.17	109.32	109.44	93	j01g
y25l	73.71	-24.12	89.19	92.39	105	j18g
y50l	63.76	-38.55	73.86	83.32	118	j36g
y75l	55.23	-50.92	60.72	79.25	130	j53g
l00c	47.13	-62.67	48.24	79.09	142	j71g
l50c	52.64	-41.0	-3.61	41.16	185	g21b
c50v	55.66	-29.14	-31.99	43.27	228	g60b
c50v	41.87	-0.69	-41.67	41.68	269	g97b
v00m	17.15	50.3	-59.04	77.57	310	b34r
v50m	28.2	63.79	-46.89	79.17	324	b45r
m00o	40.37	78.64	-33.5	85.48	337	b57r
m50o	39.13	68.67	7.94	69.13	7	b83r







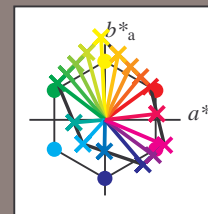
Siehe ähnliche Dateien: <http://www.ps.bam.de/Fg62/>; [www.ps.bam.de/Fg62/](http://www.ps.bam.de/Fg62/); [www.ps.bam.de/Fg62/](http://www.ps.bam.de/Fg62/)  
Technische Information: [http://www.ps.bam.de/Version 2.1, io=1.1, ColSp=0](http://www.ps.bam.de/Version%202.1,%20io=1.1,%20ColSp=0)

	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*LCH*	a																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
01	11.6	16.0	20.5	24.9	29.4	33.8	38.2	42.7	47.1	51.4	55.7	59.9	64.1	68.3	72.5	76.7	80.9	85.1	89.3	93.5	97.7	101.9	106.1	110.3	114.5	118.7	122.9	127.1	131.3	135.5	139.7	143.9	148.1	152.3	156.5	160.7	164.9	169.1	173.3	177.5	181.7	185.9	190.1	194.3	198.5	202.7	206.9	211.1	215.3	219.5	223.7	227.9	232.1	236.3	240.5	244.7	248.9	253.1	257.3	261.5	265.7	269.9	274.1	278.3	282.5	286.7	290.9	295.1	299.3	303.5	307.7	311.9	316.1	320.3	324.5	328.7	332.9	337.1	341.3	345.5	349.7	353.9	358.1	362.3	366.5	370.7	374.9	379.1	383.3	387.5	391.7	395.9	400.1	404.3	408.5	412.7	416.9	421.1	425.3	429.5	433.7	437.9	442.1	446.3	450.5	454.7	458.9	463.1	467.3	471.5	475.7	479.9	484.1	488.3	492.5	496.7	500.9	505.1	509.3	513.5	517.7	521.9	526.1	530.3	534.5	538.7	542.9	547.1	551.3	555.5	559.7	563.9	568.1	572.3	576.5	580.7	584.9	589.1	593.3	597.5	601.7	605.9	610.1	614.3	618.5	622.7	626.9	631.1	635.3	639.5	643.7	647.9	652.1	656.3	660.5	664.7	668.9	673.1	677.3	681.5	685.7	689.9	694.1	698.3	702.5	706.7	710.9	715.1	719.3	723.5	727.7	731.9	736.1	740.3	744.5	748.7	752.9	757.1	761.3	765.5	769.7	773.9	778.1	782.3	786.5	790.7	794.9	799.1	803.3	807.5	811.7	815.9	820.1	824.3	828.5	832.7	836.9	841.1	845.3	849.5	853.7	857.9	862.1	866.3	870.5	874.7	878.9	883.1	887.3	891.5	895.7	899.9	904.1	908.3	912.5	916.7	920.9	925.1	929.3	933.5	937.7	941.9	946.1	950.3	954.5	958.7	962.9	967.1	971.3	975.5	979.7	983.9	988.1	992.3	996.5	1000.7	1004.9	1009.1	1013.3	1017.5	1021.7	1025.9	1030.1	1034.3	1038.5	1042.7	1046.9	1051.1	1055.3	1059.5	1063.7	1067.9	1072.1	1076.3	1080.5	1084.7	1088.9	1093.1	1097.3	1101.5	1105.7	1109.9	1114.1	1118.3	1122.5	1126.7	1130.9	1135.1	1139.3	1143.5	1147.7	1151.9	1156.1	1160.3	1164.5	1168.7	1172.9	1177.1	1181.3	1185.5	1189.7	1193.9	1198.1	1202.3	1206.5	1210.7	1214.9	1219.1	1223.3	1227.5	1231.7	1235.9	1240.1	1244.3	1248.5	1252.7	1256.9	1261.1	1265.3	1269.5	1273.7	1277.9	1282.1	1286.3	1290.5	1294.7	1298.9	1303.1	1307.3	1311.5	1315.7	1319.9	1324.1	1328.3	1332.5	1336.7	1340.9	1345.1	1349.3	1353.5	1357.7	1361.9	1366.1	1370.3	1374.5	1378.7	1382.9	1387.1	1391.3	1395.5	1399.7	1403.9	1408.1	1412.3	1416.5	1420.7	1424.9	1429.1	1433.3	1437.5	1441.7	1445.9	1450.1	1454.3	1458.5	1462.7	1466.9	1471.1	1475.3	1479.5	1483.7	1487.9	1492.1	1496.3	1500.5	1504.7	1508.9	1513.1	1517.3	1521.5	1525.7	1529.9	1534.1	1538.3	1542.5	1546.7	1550.9	1555.1	1559.3	1563.5	1567.7	1571.9	1576.1	1580.3	1584.5	1588.7	1592.9	1597.1	1601.3	1605.5	1609.7	1613.9	1618.1	1622.3	1626.5	1630.7	1634.9	1639.1	1643.3	1647.5	1651.7	1655.9	1660.1	1664.3	1668.5	1672.7	1676.9	1681.1	1685.3	1689.5	1693.7	1697.9	1702.1	1706.3	1710.5	1714.7	1718.9	1723.1	1727.3	1731.5	1735.7	1739.9	1744.1	1748.3	1752.5	1756.7	1760.9	1765.1	1769.3	1773.5	1777.7	1781.9	1786.1	1790.3	1794.5	1798.7	1802.9	1807.1	1811.3	1815.5	1819.7	1823.9	1828.1	1832.3	1836.5	1840.7	1844.9	1849.1	1853.3	1857.5	1861.7	1865.9	1870.1	1874.3	1878.5	1882.7	1886.9	1891.1	1895.3	1899.5	1903.7	1907.9	1912.1	1916.3	1920.5	1924.7	1928.9	1933.1	1937.3	1941.5	1945.7	1949.9	1954.1	1958.3	1962.5	1966.7	1970.9	1975.1	1979.3	1983.5	1987.7	1991.9	1996.1	2000.3	2004.5	2008.7	2012.9	2017.1	2021.3	2025.5	2029.7	2033.9	2038.1	2042.3	2046.5	2050.7	2054.9	2059.1	2063.3	2067.5	2071.7	2075.9	2080.1	2084.3	2088.5	2092.7	2096.9	2101.1	2105.3	2109.5	2113.7	2117.9	2122.1	2126.3	2130.5	2134.7	2138.9	2143.1	2147.3	2151.5	2155.7	2159.9	2164.1	2168.3	2172.5	2176.7	2180.9	2185.1	2189.3	2193.5	2197.7	2201.9	2206.1	2210.3	2214.5	2218.7	2222.9	2227.1	2231.3	2235.5	2239.7	2243.9	2248.1	2252.3	2256.5	2260.7	2264.9	2269.1	2273.3	2277.5	2281.7	2285.9	2290.1	2294.3	2298.5	2302.7	2306.9	2311.1	2315.3	2319.5	2323.7	2327.9	2332.1	2336.3	2340.5	2344.7	2348.9	2353.1	2357.3	2361.5	2365.7	2369.9	2374.1	2378.3	2382.5	2386.7	2390.9	2395.1	2399.3	2403.5	2407.7	2411.9	2416.1	2420.3	2424.5	2428.7	2432.9	2437.1	2441.3	2445.5	2449.7	2453.9	2458.1	2462.3	2466.5	2470.7	2474.9	2479.1	2483.3	2487.5	2491.7	2495.9	2500.1	2504.3	2508.5	2512.7	2516.9	2521.1	2525.3	2529.5	2533.7	2537.9	2542.1	2546.3	2550.5	2554.7	2558.9	2563.1	2567.3	2571.5	2575.7	2579.9	2584.1	2588.3	2592.5	2596.7	2600.9	2605.1	2609.3	2613.5	2617.7	2621.9	2626.1	2630.3	2634.5	2638.7	2642.9	2647.1	2651.3	2655.5	2659.7	2663.9	2668.1	2672.3	2676.5	2680.7	2684.9	2689.1	2693.3	2697.5	2701.7	2705.9	2710.1	2714.3	2718.5	2722.7	2726.9	2731.1	2735.3	2739.5	2743.7	2747.9	2752.1	2756.3	2760.5	2764.7	2768.9	2773.1	2777.3	2781.5	2785.7	2789.9	2794.1	2798.3	2802.5	2806.7	2810.9	2815.1	2819.3	2823.5	2827.7	2831.9	2836.1	2840.3	2844.5	2848.7	2852.9	2857.1	2861.3	2865.5	2869.7	2873.9	2878.1	2882.3	2886.5	2890.7	2894.9	2899.1	2903.3	2907.5	2911.7	2915.9	2920.1	2924.3	2928.5	2932.7	2936.9	2941.1	2945.3	2949.5	2953.7	2957.9	2962.1	2966.3	2970.5	2974.7	2978.9	2983.1	2987.3	2991.5	2995.7	2999.9	3004.1	3008.3	3012.5	3016.7	3020.9	3025.1	3029.3	3033.5	3037.7	3041.9	3046.1	3050.3	3054.5	3058.7	3062.9	3067.1	3071.3	3075.5	3079.7	3083.9	3088.1	3092.3	3096.5	3100.7	3104.9	3109.1	3113.3	3117.5	3121.7	3125.9	3130.1	3134.3	3138.5	3142.7	3146.9	3151.1	3155.3	3159.5	3163.7	3167.9	3172.1	3176.3	3180.5	3184.7	3188.9	3193.1	3197.3	3201.5	3205.7	3209.9	3214.1	3218.3	3222.5	3226.7	3230.9	3235.1	3239.3	3243.5	3247.7	3251.9	3256.1	3260.3	3264.5	3268.7	3272.9	3277.1	3281.3	3285.5	3289.7	3293.9	3298.1	3302.3	3306.5	3310.7	3314.9	3319.1	3323.3	3327.5	3331.7	3335.9	3340.1	3344.3	3348.5	3352.7	3356.9	3361.1	3365.3	3369.5	3373.7	3377.9	3382.1	3386.3	3390.5	3394.7	3398.9	3403.1	3407.3	3411.5	3415.7	3419.9	3424.1	3428.3	3432.5	3436.7	3440.9	3445.1	3449.3	3453.5	3457.7	3461.9	3466.1	3470.3	3474.5	3478.7	3482.9	3487.1	3491.3	3495.5	3499.7	3503.9	3508.1	3512.3	3516.5	3520.7	3524.9	3529.1	3533.3	3537.5	3541.7	3545.9	3550.1	3554.3	3558.5	3562.7	3566.9	3571.1	3575.3	3579.5	3583.7	3587.9	3592.1	3596.3	3600.5	3604.7	3608.9	3613.1	3617.3	3621.5	3625.7	3629.9	3634.1	3638.3	3642.5	3646.7	3650.9	3655.1	3659.3	3663.5	3667.7	3671.9	3676.1	3680.3	3684.5	3688.7	3692.9	3697.1	3701.3	3705.5	3709.7	3713.9	3718.1	3722.3	3726.5	3730.7	3734.9	3739.1	3743.3	3747.5	3751.7	3755.9	3760.1	3764.3	3768.5	3772.7	3776.9	3781.1	3785.3	3789.5	3793.7	3797.9	3802.1	3806.3	3810.5	3814.7	3818.9	3823.1	3827.3	3831.5	3835.7	3839.9	3844.1	3848.3	3852.5	3856.7	3860.9	3865.1	3869.3



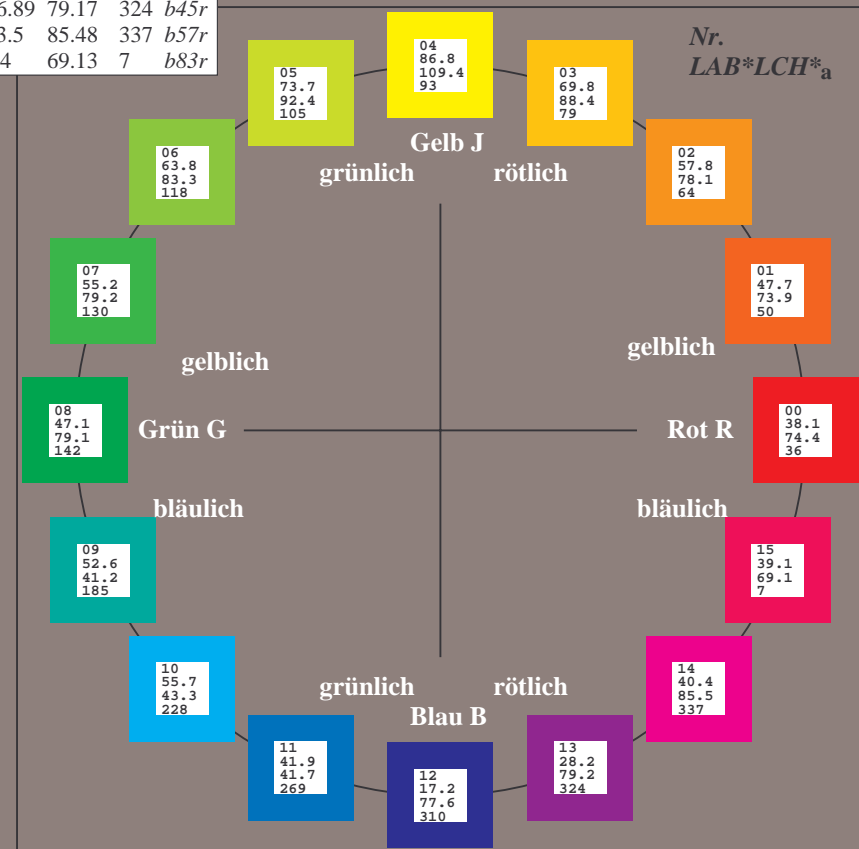
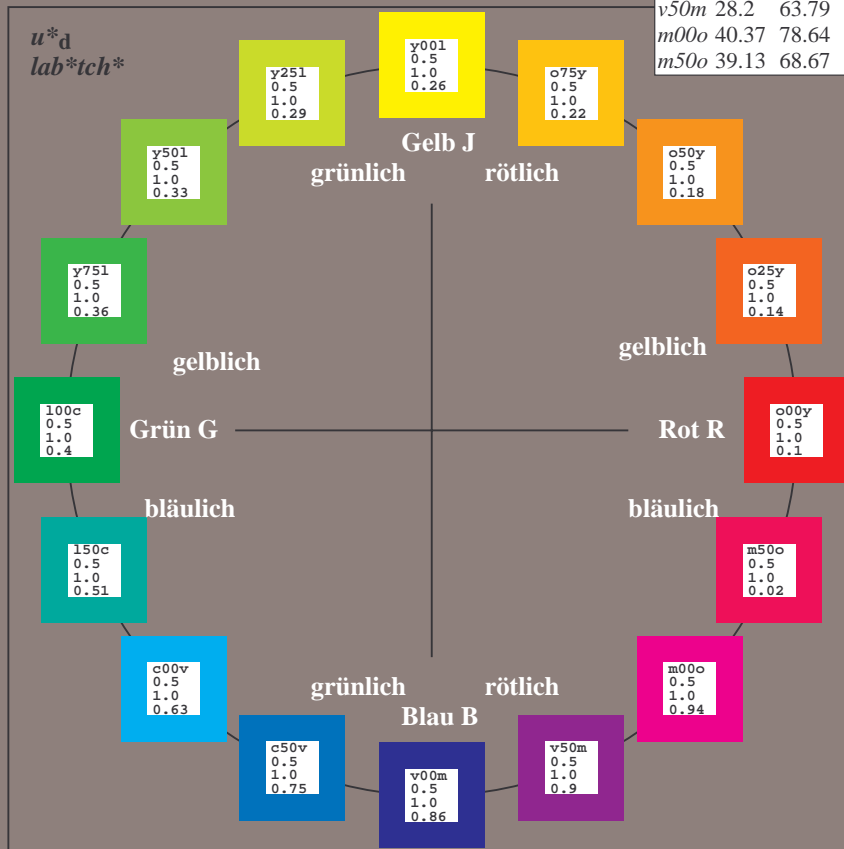
Ein und Ausgabe:  
Farbmetrisches Drucker-Reflektiv-System FRS12\_95a  
Daten für jede Farbe:  
 $u^*_d$  und Nummer  $Nr.$  = 00 .. 15  
Geräte-Bunttontext:  
 $u^*_d$  = 16 Bunttoene  $o00y$ ,  $o25y$ , ...,  $m50o$   
Kontrastreduzierungsfaktor:  
 $c_R = 1.0$

FRS12_95a; adaptierte CIELAB-Daten						
$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
$o00y$	38.06	60.0	44.0	74.4	36	$r16j$
$o25y$	47.68	47.13	56.9	73.88	50	$r37j$
$o50y$	57.77	33.62	70.44	78.05	64	$r58j$
$o75y$	69.84	17.48	86.62	88.37	79	$r79j$
$y00l$	86.77	-5.17	109.32	109.44	93	$j01g$
$y25l$	73.71	-24.12	89.19	92.39	105	$j18g$
$y50l$	63.76	-38.55	73.86	83.32	118	$j36g$
$y75l$	55.23	-50.92	60.72	79.25	130	$j53g$
$l00c$	47.13	-62.67	48.24	79.09	142	$j71g$
$l50c$	52.64	-41.0	-3.61	41.16	185	$g21b$
$c00v$	55.66	-29.14	-31.99	43.27	228	$g60b$
$c50v$	41.87	-0.69	-41.67	41.68	269	$g97b$
$v00m$	17.15	50.3	-59.04	77.57	310	$b34r$
$v50m$	28.2	63.79	-46.89	79.17	324	$b45r$
$m00o$	40.37	78.64	-33.5	85.48	337	$b57r$
$m50o$	39.13	68.67	7.94	69.13	7	$b83r$

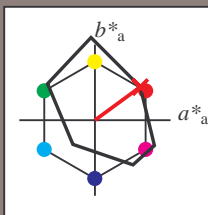


%Umfang  
 $u^*_{rel} = 109$   
%Regularität  
 $g^*_{H,rel} = 31$   
 $g^*_{C,rel} = 40$

FRS12_95a; adaptierte CIELAB-Daten					
Name	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
$O_{Ma}$	38.06	60.0	44.0	74.4	36
$Y_{Ma}$	86.77	-5.17	109.32	109.44	93
$L_{Ma}$	47.13	-62.67	48.24	79.09	142
$C_{Ma}$	55.66	-29.14	-31.99	43.27	228
$V_{Ma}$	17.15	50.3	-59.04	77.57	310
$M_{Ma}$	40.37	78.64	-33.5	85.48	337
$N_{Ma}$	11.58	0.0	0.0	0.0	0
$W_{Ma}$	95.02	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 FRS12\_95a, L\*=12\_95 für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.101$   $u^*_d = o00y$   
Daten für jede Farbe:  
 $lab^*tch^*$  und  $lab^*icu^*$   
Bunttontexte:  
 $u^*_d = o00y$   $u^*_e = r16j$   
Kontrastreduzierungsfaktor:  
 $c_R = 1.0$   
Dreiecks-Helligkeit  $i^*$



FRS12_95a; adaptierte CIELAB-Daten						
$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
O <sub>Ma</sub>	38.06	60.0	44.0	74.4	36	r16j
Y <sub>Ma</sub>	86.77	-5.17	109.32	109.44	93	r37j
L <sub>Ma</sub>	47.13	-62.67	48.24	79.09	142	r58j
C <sub>Ma</sub>	55.66	-29.14	-31.99	43.27	228	r79j
V <sub>Ma</sub>	17.15	50.3	-59.04	77.57	310	j01g
M <sub>Ma</sub>	40.37	78.64	-33.5	85.48	337	j18g
N <sub>Ma</sub>	11.58	0.0	0.0	0.0	0	j36g
W <sub>Ma</sub>	95.02	0.0	0.0	0.0	0	j53g
O <sub>Ma</sub>	39.92	58.74	27.99	65.07	25	j71g
Y <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92	g21b
L <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162	g60b
V <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272	g97b

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 38 60 44

$LAB^*LCH^*_{Ma}$ : 38 74 36

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

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

Dreiecks-Helligkeit  $i^*$

%Umfang

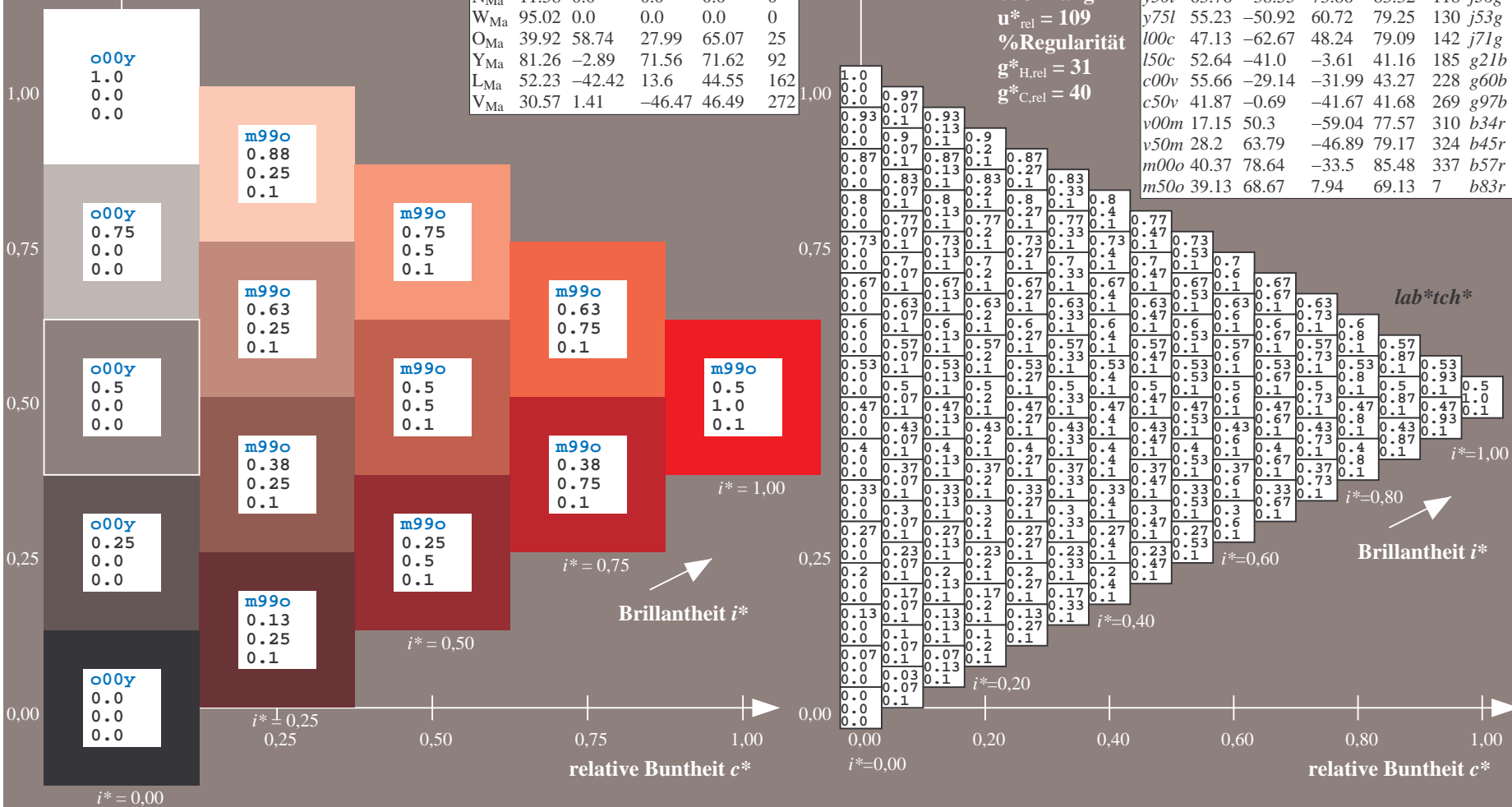
$u^*_{rel} = 109$

%Regularität

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

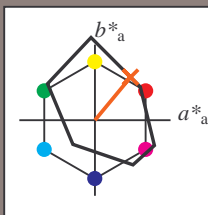
$g^*_{C,rel} = 40$

FRS12_95a; adaptierte CIELAB-Daten						
$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
o00y	38.06	60.0	44.0	74.4	36	r16j
o25y	47.68	47.13	56.9	73.88	50	r37j
o50y	57.77	33.62	70.44	78.05	64	r58j
o75y	69.84	17.48	86.62	88.37	79	r79j
y00l	86.77	-5.17	109.32	109.44	93	j01g
y25l	73.71	-24.12	89.19	92.39	105	j18g
y50l	63.76	-38.55	73.86	83.32	118	j36g
y75l	55.23	-50.92	60.72	79.25	130	j53g
l00c	47.13	-62.67	48.24	79.09	142	j71g
l50c	52.64	-41.0	-3.61	41.16	185	g21b
c00v	55.66	-29.14	-31.99	43.27	228	g60b
c50v	41.87	-0.69	-41.67	41.68	269	g97b
v00m	17.15	50.3	-59.04	77.57	310	b34r
v50m	28.2	63.79	-46.89	79.17	324	b45r
m00o	40.37	78.64	-33.5	85.48	337	b57r
m50o	39.13	68.67	7.94	69.13	7	b83r



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS12\_95a, L\*=12\_95 für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.14$   $u^*_d = o25y$   
Daten für jede Farbe:  $lab^*tch^*$  und  $lab^*icu^*$

Bunttontexte:  
 $u^*_d = o25y$   $u^*_e = r37j$   
Kontrastreduzierungsfaktor:  
 $c_R = 1.0$   
Dreiecks-Helligkeit  $t^*$



FRS12_95a; adaptierte CIELAB-Daten						
$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
O <sub>Ma</sub>	38.06	60.0	44.0	74.4	36	r16j
Y <sub>Ma</sub>	86.77	-5.17	109.32	109.44	93	r37j
L <sub>Ma</sub>	47.13	-62.67	48.24	79.09	142	r58j
C <sub>Ma</sub>	55.66	-29.14	-31.99	43.27	228	r79j
V <sub>Ma</sub>	17.15	50.3	-59.04	77.57	310	j01g
M <sub>Ma</sub>	40.37	78.64	-33.5	85.48	337	j18g
N <sub>Ma</sub>	11.58	0.0	0.0	0.0	0	j36g
W <sub>Ma</sub>	95.02	0.0	0.0	0.0	0	j53g
O <sub>Ma</sub>	39.92	58.74	27.99	65.07	25	j71g
Y <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92	g21b
L <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162	g60b
V <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272	g97b

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 48 47 57

$LAB^*LCH^*_{Ma}$ : 48 74 50

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

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

Dreiecks-Helligkeit  $t^*$

%Umfang

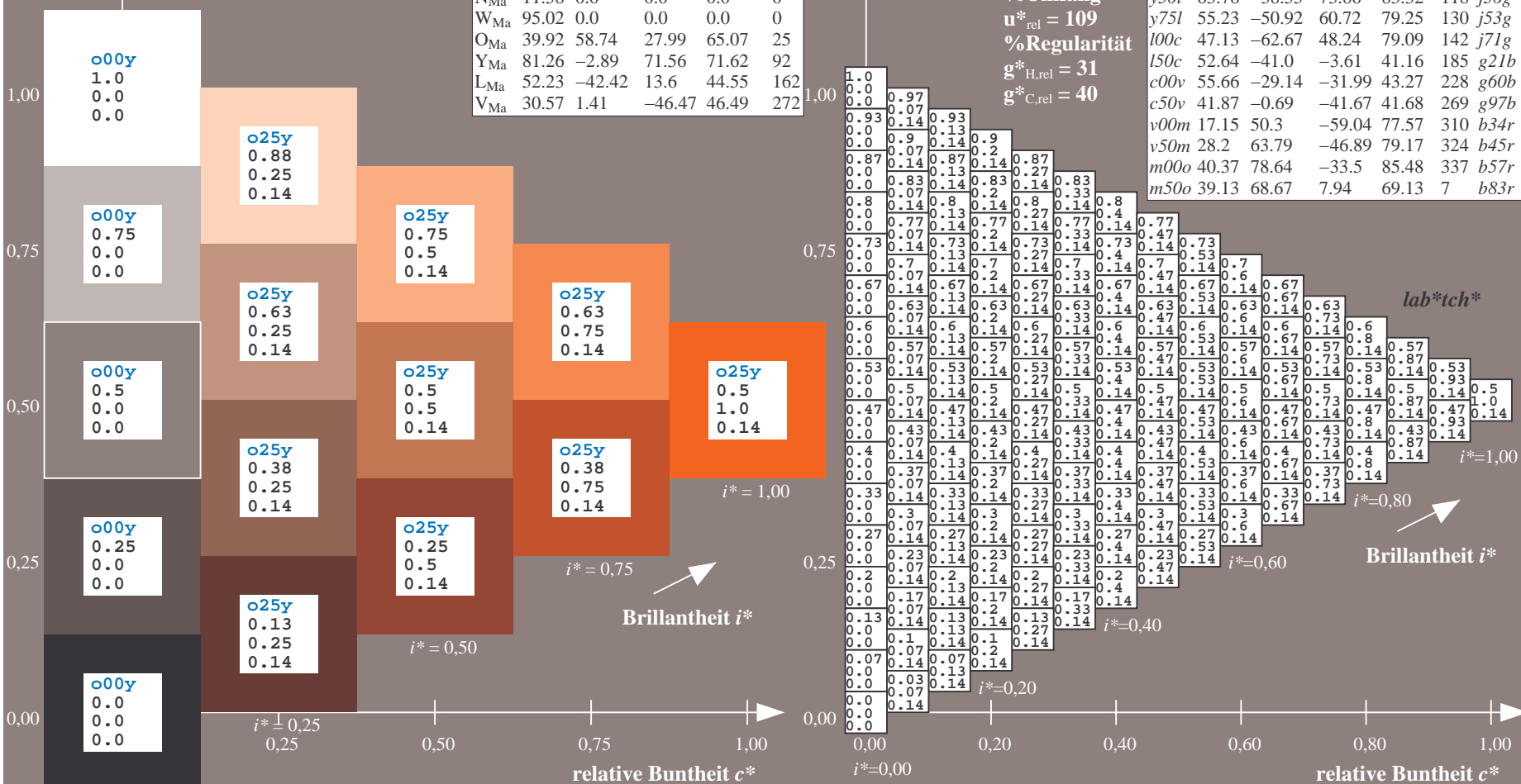
$u^*_{rel} = 109$

%Regularität

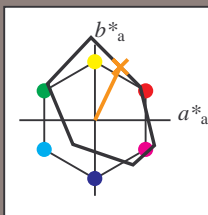
$g^*_{H,rel} = 31$

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

FRS12_95a; adaptierte CIELAB-Daten						
$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
o00y	38.06	60.0	44.0	74.4	36	r16j
o25y	47.68	47.13	56.9	73.88	50	r37j
o50y	57.77	33.62	70.44	78.05	64	r58j
o75y	69.84	17.48	86.62	88.37	79	r79j
y00l	86.77	-5.17	109.32	109.44	93	j01g
y25l	73.71	-24.12	89.19	92.39	105	j18g
y50l	63.76	-38.55	73.86	83.32	118	j36g
y75l	55.23	-50.92	60.72	79.25	130	j53g
l00c	47.13	-62.67	48.24	79.09	142	j71g
l50c	52.64	-41.0	-3.61	41.16	185	g21b
c00v	55.66	-29.14	-31.99	43.27	228	g60b
c50v	41.87	-0.69	-41.67	41.68	269	g97b
v00m	17.15	50.3	-59.04	77.57	310	b34r
v50m	28.2	63.79	-46.89	79.17	324	b45r
m00o	40.37	78.64	-33.5	85.48	337	b57r
m50o	39.13	68.67	7.94	69.13	7	b83r



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS12\_95a, L\*=12\_95 für relative CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.179$   $u^*_d = o50y$   
Daten für jede Farbe:  
 $lab^*tch^*$  und  $lab^*icu^*$   
Bunttontexte:  
 $u^*_d = o50y$   $u^*_e = r58j$   
Kontrastreduzierungsfaktor:  
 $c_R = 1.0$   
Dreiecks-Helligkeit  $i^*$



FRS12_95a; adaptierte CIELAB-Daten						
$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
O <sub>Ma</sub>	38.06	60.0	44.0	74.4	36	r16j
Y <sub>Ma</sub>	86.77	-5.17	109.32	109.44	93	r37j
L <sub>Ma</sub>	47.13	-62.67	48.24	79.09	142	r58j
C <sub>Ma</sub>	55.66	-29.14	-31.99	43.27	228	r79j
V <sub>Ma</sub>	17.15	50.3	-59.04	77.57	310	j01g
M <sub>Ma</sub>	40.37	78.64	-33.5	85.48	337	j18g
N <sub>Ma</sub>	11.58	0.0	0.0	0.0	0	j36g
W <sub>Ma</sub>	95.02	0.0	0.0	0.0	0	j53g
O <sub>Ma</sub>	39.92	58.74	27.99	65.07	25	j71g
Y <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92	g21b
L <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162	g60b
V <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272	g97b

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 58 34 70

$LAB^*LCH^*_{Ma}$ : 58 78 64

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

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

Dreiecks-Helligkeit  $i^*$

%Umfang

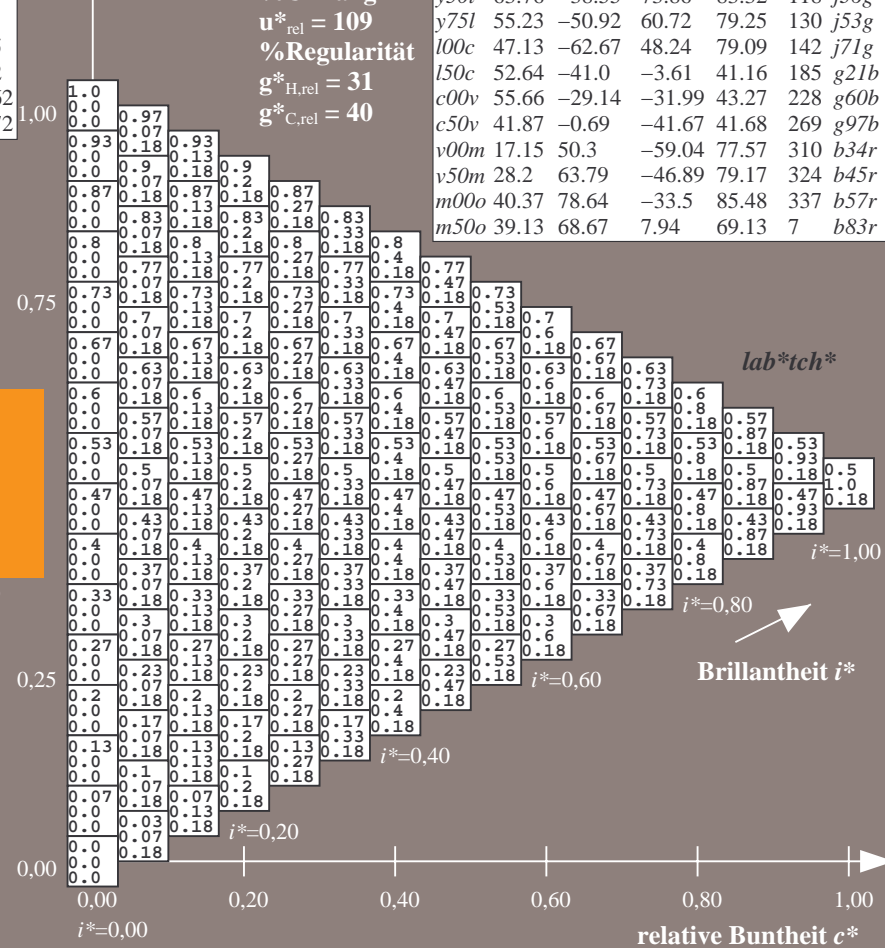
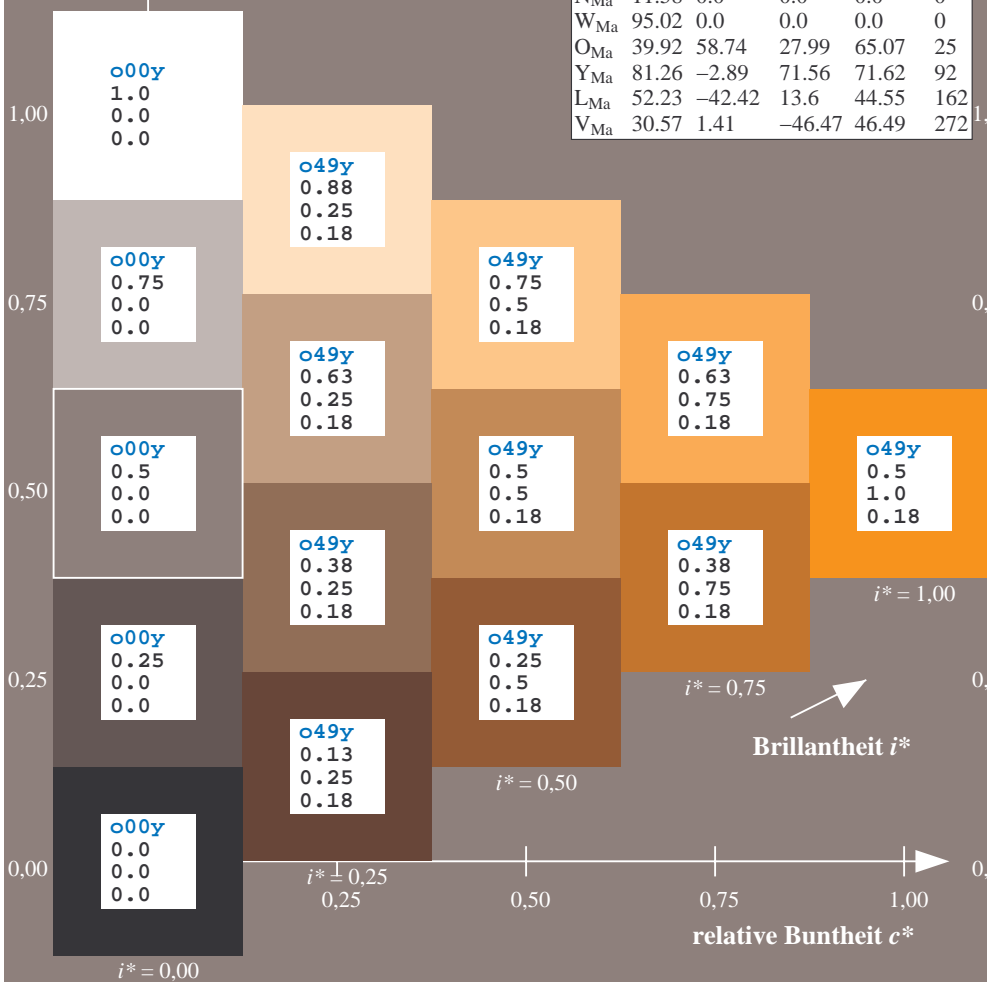
$u^*_{rel} = 109$

%Regularität

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

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

FRS12_95a; adaptierte CIELAB-Daten						
$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
o00y	38.06	60.0	44.0	74.4	36	r16j
o25y	47.68	47.13	56.9	73.88	50	r37j
o50y	57.77	33.62	70.44	78.05	64	r58j
o75y	69.84	17.48	86.62	88.37	79	r79j
y00l	86.77	-5.17	109.32	109.44	93	j01g
y25l	73.71	-24.12	89.19	92.39	105	j18g
y50l	63.76	-38.55	73.86	83.32	118	j36g
y75l	55.23	-50.92	60.72	79.25	130	j53g
l00c	47.13	-62.67	48.24	79.09	142	j71g
l50c	52.64	-41.0	-3.61	41.16	185	g21b
c00v	55.66	-29.14	-31.99	43.27	228	g60b
c50v	41.87	-0.69	-41.67	41.68	269	g97b
v00m	17.15	50.3	-59.04	77.57	310	b34r
v50m	28.2	63.79	-46.89	79.17	324	b45r
m00o	40.37	78.64	-33.5	85.48	337	b57r
m50o	39.13	68.67	7.94	69.13	7	b83r





**Ein und Ausgabe: Farbmétrisches Drucker-Reflektiv-System FRS12\_95a,  $L^*=12.95$  für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.218$   $u^*_d = 0.75y$**

### Daten für jede Farbe:

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

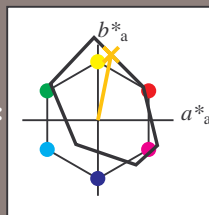
### Bunttexte:

$$u_d^* = 0.75y \quad u_e^* = 0.79j$$

**Kontrastreduzierungsfaktor:**

 $c_R = 1.0$ 

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



FRS12_95a; adaptierte CIELAB-Daten						
	$u^*_d$	$L^*-L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	38.06	60.0		44.0	74.4	36
Y <sub>Ma</sub>	86.77	-5.17		109.32	109.44	93
L <sub>Ma</sub>	47.13	-62.67		48.24	79.09	142
C <sub>Ma</sub>	55.66	-29.14		-31.99	43.27	228
V <sub>Ma</sub>	17.15	50.3		-59.04	77.57	310
M <sub>Ma</sub>	40.37	78.64		-33.5	85.48	337
N <sub>Ma</sub>	11.58	0.0		0.0	0.0	0
W <sub>Ma</sub>	95.02	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>: 70 17 87

*LAB\*LCH\**M<sub>2</sub>: 70 88 78

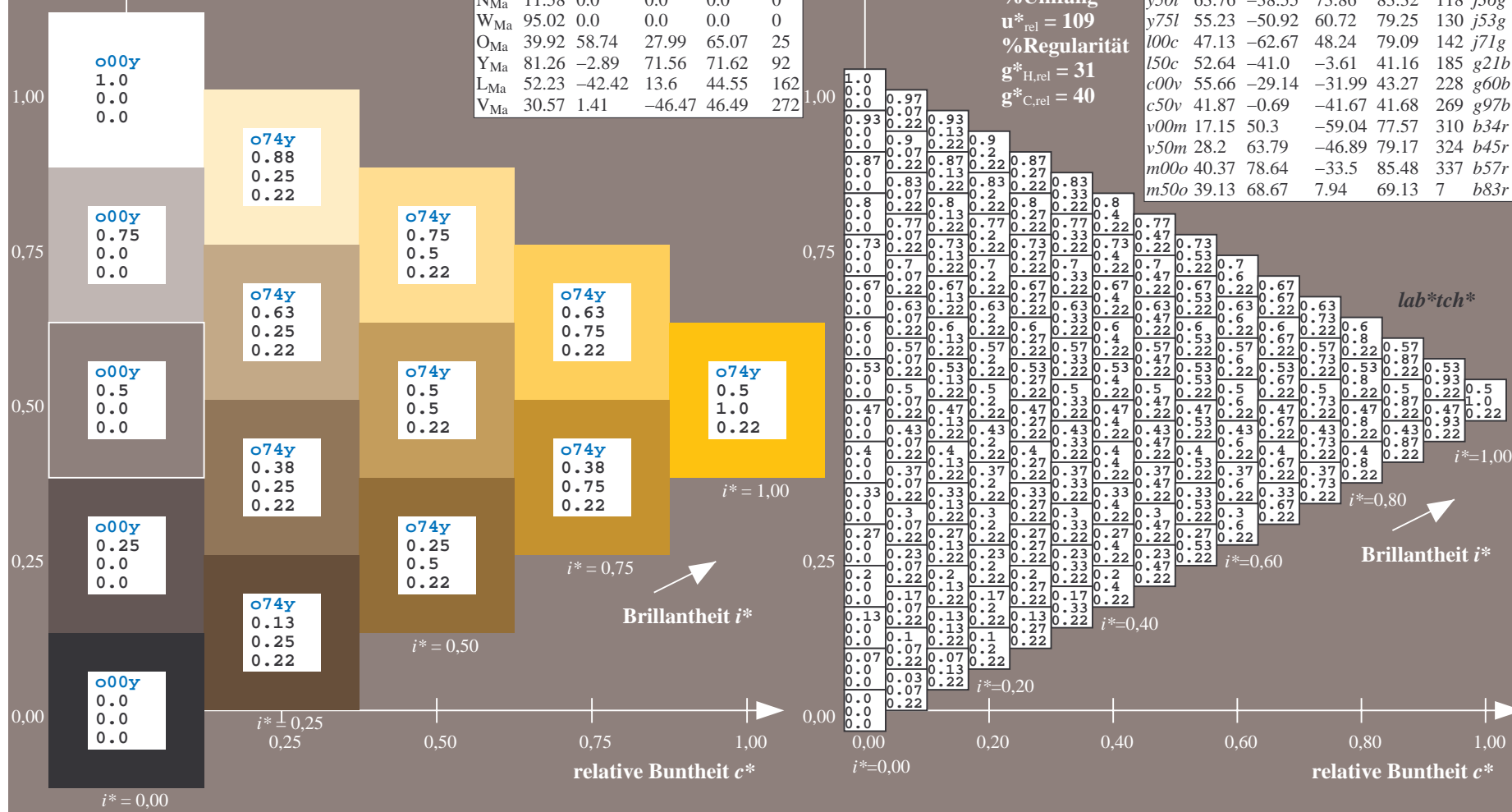
*lab\*lch\**<sub>Ma</sub>: 70 88 78  
*lab\*alb\**<sub>Ma</sub>: 1.0 0.75 0.0

*lab\*olv\**Ma: 1.0 0.75 0.0

*lab\*rgb\*\_Ma: 1.0 0.79 0.0*

### Dreiecks-Helligkeit $t^*$

FRS12_95a; adaptierte CIELAB-Daten							
$u_d^*$	$L^*=L_a^*$	$a_a^*$	$b_a^*$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u_e^*$	
<i>o00y</i>	38.06	60.0	44.0	74.4	36	<i>r16j</i>	
<i>o25y</i>	47.68	47.13	56.9	73.88	50	<i>r37j</i>	
<i>o50y</i>	57.77	33.62	70.44	78.05	64	<i>r58j</i>	
<i>o75y</i>	69.84	17.48	86.62	88.37	79	<i>r79j</i>	
<i>y00l</i>	86.77	-5.17	109.32	109.44	93	<i>j01g</i>	
<i>y25l</i>	73.71	-24.12	89.19	92.39	105	<i>j18g</i>	
<i>y50l</i>	63.76	-38.55	73.86	83.32	118	<i>j36g</i>	
<i>y75l</i>	55.23	-50.92	60.72	79.25	130	<i>j53g</i>	
<i>l00c</i>	47.13	-62.67	48.24	79.09	142	<i>j71g</i>	
<i>l50c</i>	52.64	-41.0	-3.61	41.16	185	<i>g21b</i>	
<i>c00v</i>	55.66	-29.14	-31.99	43.27	228	<i>g60b</i>	
<i>c50v</i>	41.87	-0.69	-41.67	41.68	269	<i>g97b</i>	
<i>v00m</i>	17.15	50.3	-59.04	77.57	310	<i>b34r</i>	
<i>v50m</i>	28.2	63.79	-46.89	79.17	324	<i>b45r</i>	
<i>m00o</i>	40.37	78.64	-33.5	85.48	337	<i>b57r</i>	
<i>m50o</i>	39.13	68.67	7.94	69.13	7	<i>b83r</i>	



## BAM-Prüfvorlage Fg62; Relatives Geräte-Farbsystem

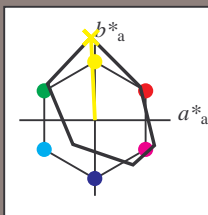
D65: Farbreihen, Datentabellen für 16 Bunttöne *o00y* l

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

!oAusgabe: ->cmy0\* setcmykcolor

BAM-Registrierung: 20081001-Fg62/10L/L62g00NA.TXT/ .PS BAM-Material: Code=rha4ta  
Anwendung für Beurteilung und Messung von Drucker- oder Monitorsystemen

Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS12\_95a, L\*=12\_95 für relative CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.258$   $u^*_d = y00l$   
Daten für jede Farbe:  
 $lab^*tch^*$  und  $lab^*icu^*$   
Bunttontexte:  
 $u^*_d = y00l$   $u^*_e = j0l1g$   
Kontrastreduzierungsfaktor:  
 $c_R = 1.0$   
Dreiecks-Helligkeit  $i^*$

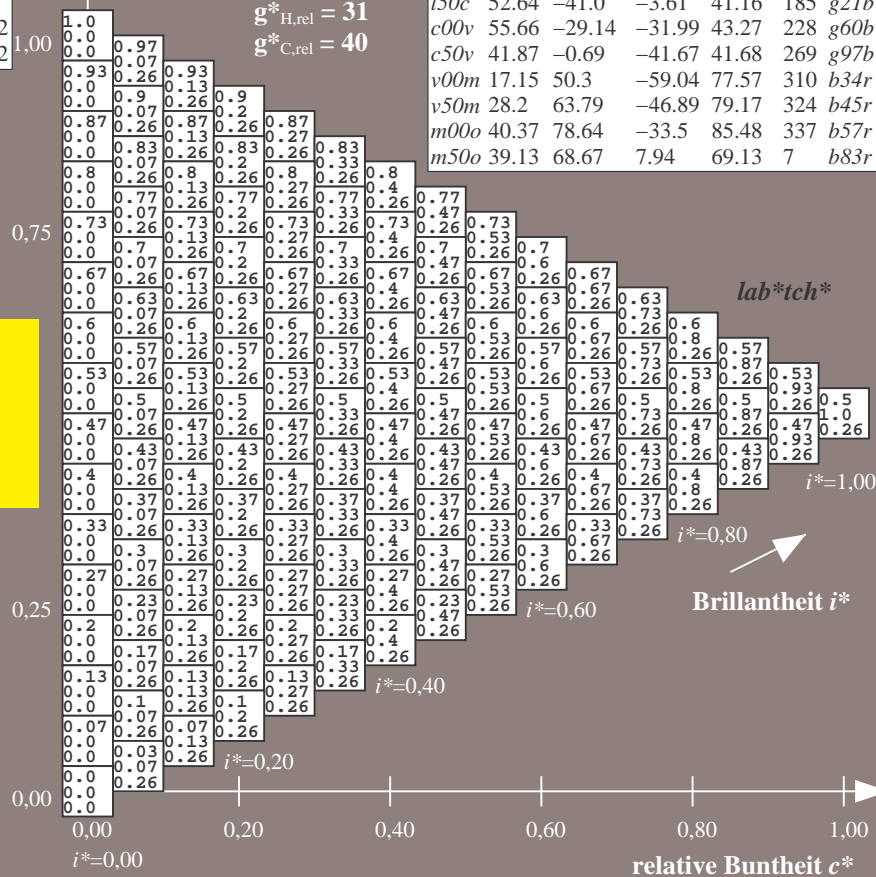
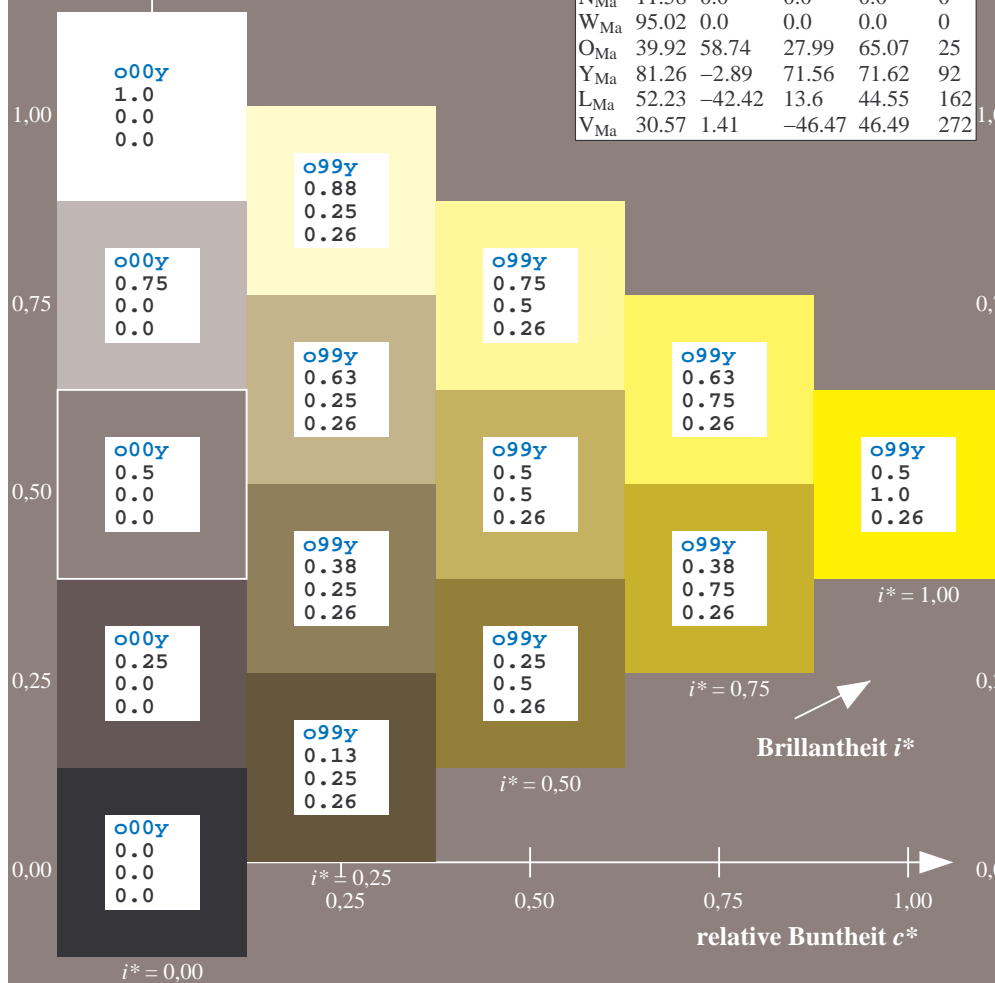


FRS12_95a; adaptierte CIELAB-Daten						
$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
O <sub>Ma</sub>	38.06	60.0	44.0	74.4	36	r16j
Y <sub>Ma</sub>	86.77	-5.17	109.32	109.44	93	r37j
L <sub>Ma</sub>	47.13	-62.67	48.24	79.09	142	r58j
C <sub>Ma</sub>	55.66	-29.14	-31.99	43.27	228	r79j
V <sub>Ma</sub>	17.15	50.3	-59.04	77.57	310	j01g
M <sub>Ma</sub>	40.37	78.64	-33.5	85.48	337	j18g
N <sub>Ma</sub>	11.58	0.0	0.0	0.0	0	j36g
W <sub>Ma</sub>	95.02	0.0	0.0	0.0	0	j53g
O <sub>Ma</sub>	39.92	58.74	27.99	65.07	25	j71g
Y <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92	g21b
L <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162	g60b
V <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272	g97b

Daten für Maximalfarbe (Ma):  
 $LAB^*LAB^*_{Ma}$ : 87 -5 109  
 $LAB^*LCH^*_{Ma}$ : 87 109 92  
 $lab^*olv^*_{Ma}$ : 1.0 1.0 0.0  
 $lab^*rgb^*_{Ma}$ : 0.99 1.0 0.0  
Dreiecks-Helligkeit  $i^*$

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

FRS12_95a; adaptierte CIELAB-Daten						
$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
o00y	38.06	60.0	44.0	74.4	36	r16j
o25y	47.68	47.13	56.9	73.88	50	r37j
o50y	57.77	33.62	70.44	78.05	64	r58j
o75y	69.84	17.48	86.62	88.37	79	r79j
y00l	86.77	-5.17	109.32	109.44	93	j01g
y25l	73.71	-24.12	89.19	92.39	105	j18g
y50l	63.76	-38.55	73.86	83.32	118	j36g
y75l	55.23	-50.92	60.72	79.25	130	j53g
l00c	47.13	-62.67	48.24	79.09	142	j71g
l50c	52.64	-41.0	-3.61	41.16	185	g21b
c00v	55.66	-29.14	-31.99	43.27	228	g60b
c50v	41.87	-0.69	-41.67	41.68	269	g97b
v00m	17.15	50.3	-59.04	77.57	310	b34r
v50m	28.2	63.79	-46.89	79.17	324	b45r
m00o	40.37	78.64	-33.5	85.48	337	b57r
m50o	39.13	68.67	7.94	69.13	7	b83r



BAM-Registrierung: 20081001-Fg62/10L/L62g00NA.TXT/ .PS BAM-Material: Code=rh44ta

### Daten für jede Farbe:

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

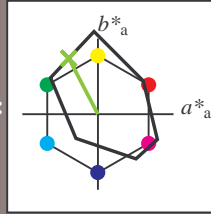
### Bunttontexte:

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

### Kontrastreduzierungsfaktor:

$$c_R = 1.0$$

### Dreiecks-Helligkeit $t^*$



FRS12_95a; adaptierte CIELAB-Daten						
$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	
O <sub>Ma</sub>	38.06	60.0	44.0	74.4	36	
Y <sub>Ma</sub>	86.77	-5.17	109.32	109.44	93	
L <sub>Ma</sub>	47.13	-62.67	48.24	79.09	142	
C <sub>Ma</sub>	55.66	-29.14	-31.99	43.27	228	
V <sub>Ma</sub>	17.15	50.3	-59.04	77.57	310	
M <sub>Ma</sub>	40.37	78.64	-33.5	85.48	337	
N <sub>Ma</sub>	11.58	0.0	0.0	0.0	0	
W <sub>Ma</sub>	95.02	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\**M<sub>2</sub>: 64 -39 74

*LAB\*ICH\** : 64 83 117

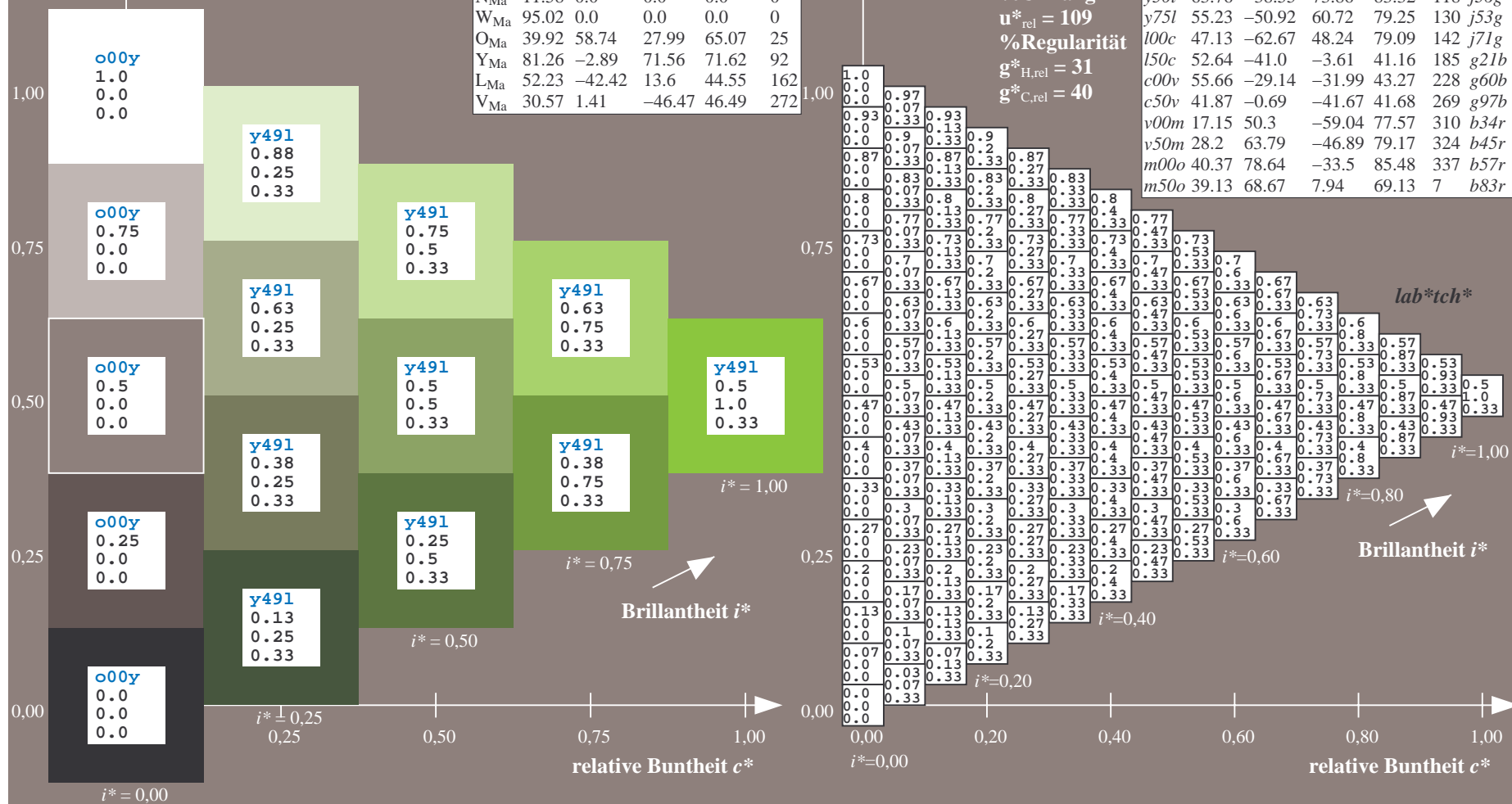
**LAB LCH<sup>+</sup>Ma: 04 85 1**  
Lab LCH<sup>+</sup>Ma: 04 85 1 0 0 0

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

*lab\*rgb\*\_Ma: 0.64 1.0 0.0*

### Dreiecks-Helligkeit $t^*$

FRS12_95a; adaptierte CIELAB-Daten							
$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$	
<i>o00y</i>	38.06	60.0	44.0	74.4	36	<i>r16j</i>	
<i>o25y</i>	47.68	47.13	56.9	73.88	50	<i>r37j</i>	
<i>o50y</i>	57.77	33.62	70.44	78.05	64	<i>r58j</i>	
<i>o75y</i>	69.84	17.48	86.62	88.37	79	<i>r79j</i>	
<i>y00l</i>	86.77	-5.17	109.32	109.44	93	<i>j01g</i>	
<i>y25l</i>	73.71	-24.12	89.19	92.39	105	<i>j18g</i>	
<i>y50l</i>	63.76	-38.55	73.86	83.32	118	<i>j36g</i>	
<i>y75l</i>	55.23	-50.92	60.72	79.25	130	<i>j53g</i>	
<i>l00c</i>	47.13	-62.67	48.24	79.09	142	<i>j71g</i>	
<i>l50c</i>	52.64	-41.0	-3.61	41.16	185	<i>g21b</i>	
<i>c00v</i>	55.66	-29.14	-31.99	43.27	228	<i>g60b</i>	
<i>c50v</i>	41.87	-0.69	-41.67	41.68	269	<i>g97b</i>	
<i>v00m</i>	17.15	50.3	-59.04	77.57	310	<i>b34r</i>	
<i>v50m</i>	28.2	63.79	-46.89	79.17	324	<i>b45r</i>	
<i>m00o</i>	40.37	78.64	-33.5	85.48	337	<i>b57r</i>	
<i>m50o</i>	39.13	68.67	7.94	69.13	7	<i>b83r</i>	



# BAM-Prüfvorlage Fg62; Relatives Geräte-Farbsystem

D65: Farbreihen, Datentabellen für 16 Bunttöne  $o00y$  l

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

oAusgabe:  $\rightarrow cmy0^* setcmykcolor$



Ein und Ausgabe: Farbmétrisches Drucker-Reflektiv-System FRS12\_95a,  $L^*=12_95$  für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.361$   $u^*_d = y75l$

### Daten für jede Farbe:

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

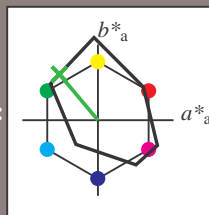
### Bunttexte:

$$u_d^* = y75l \quad u_e^* = j53g$$

**Kontrastreduzierungsfaktor:**

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

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



FRS12_95a; adaptierte CIELAB-Daten						
$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	
O <sub>Ma</sub>	38.06	60.0	44.0	74.4	36	
Y <sub>Ma</sub>	86.77	-5.17	109.32	109.44	93	
L <sub>Ma</sub>	47.13	-62.67	48.24	79.09	142	
C <sub>Ma</sub>	55.66	-29.14	-31.99	43.27	228	
V <sub>Ma</sub>	17.15	50.3	-59.04	77.57	310	
N <sub>Ma</sub>	40.37	78.64	-33.5	85.48	337	
N <sub>Ma</sub>	11.58	0.0	0.0	0.0	0	
W <sub>Ma</sub>	95.02	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>: 55 –51 61

LAD\*LGH\* 55 59 100

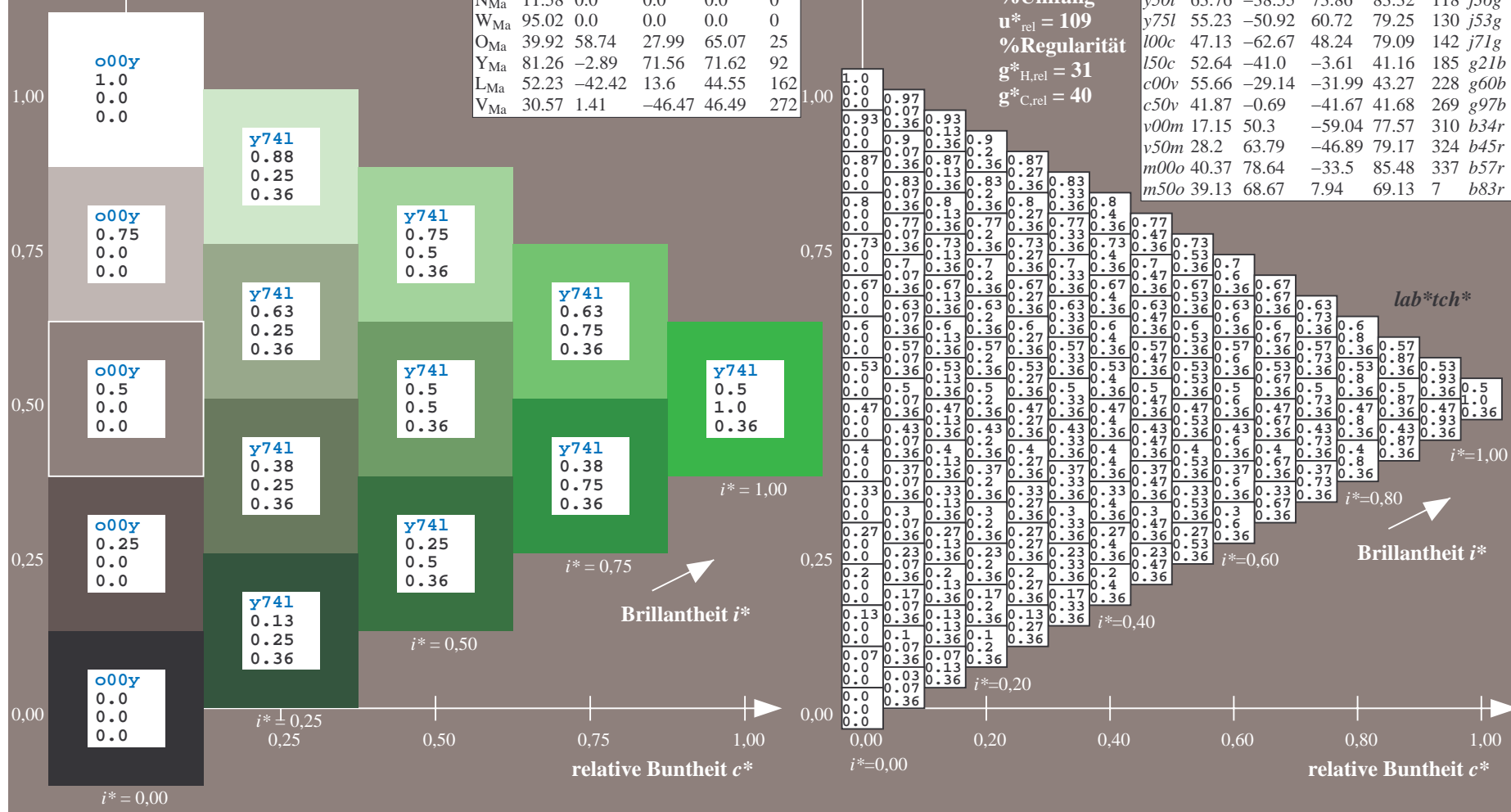
**LAB\*LCH\*Ma: 55 79 12**

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

*lab\*rgb\*\_Ma*: 0.46 1.0 0.0

### Dreiecks-Helligkeit $t^*$

FRS12_95a; adaptierte CIELAB-Daten							
$u_d^*$	$L^*=L_a^*$	$a_a^*$	$b_a^*$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u_e^*$	
<i>o00y</i>	38.06	60.0	44.0	74.4	36	<i>r16j</i>	
<i>o25y</i>	47.68	47.13	56.9	73.88	50	<i>r37j</i>	
<i>o50y</i>	57.77	33.62	70.44	78.05	64	<i>r58j</i>	
<i>o75y</i>	69.84	17.48	86.62	88.37	79	<i>r79j</i>	
<i>y00l</i>	86.77	-5.17	109.32	109.44	93	<i>j01g</i>	
<i>y25l</i>	73.71	-24.12	89.19	92.39	105	<i>j18g</i>	
<i>y50l</i>	63.76	-38.55	73.86	83.32	118	<i>j36g</i>	
<i>y75l</i>	55.23	-50.92	60.72	79.25	130	<i>j53g</i>	
<i>l00c</i>	47.13	-62.67	48.24	79.09	142	<i>j71g</i>	
<i>l50c</i>	52.64	-41.0	-3.61	41.16	185	<i>g21b</i>	
<i>c00v</i>	55.66	-29.14	-31.99	43.27	228	<i>g60b</i>	
<i>c50v</i>	41.87	-0.69	-41.67	41.68	269	<i>g97b</i>	
<i>v00m</i>	17.15	50.3	-59.04	77.57	310	<i>b34r</i>	
<i>v50m</i>	28.2	63.79	-46.89	79.17	324	<i>b45r</i>	
<i>m00o</i>	40.37	78.64	-33.5	85.48	337	<i>b57r</i>	
<i>m50o</i>	39.13	68.67	7.94	69.13	7	<i>b83r</i>	



# BAM-Prüfvorlage Fg62; Relatives Geräte-Farbsystem

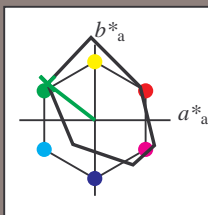
D65: Farbreihen, Datentabellen für 16 Bunttöne 000y l

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

DoAusgabe:  $\rightarrow cmy0^* setcmykcolor$

BAM-Registrierung: 20081001-Fg62/10L/L62g00NA.TXT/.PS BAM-Material: Code=rhata  
Anwendung für Beurteilung und Messung von Drucker- oder Monitorsystemen

Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS12\_95a, L\*=12\_95 für relative CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.396$   $u^*_d = 100c$   
Daten für jede Farbe:  
 $lab^*tch^*$  und  $lab^*icu^*$   
Bunttontexte:  
 $u^*_d = 100c$   $u^*_e = j71g$   
Kontrastreduzierungsfaktor:  
 $c_R = 1.0$   
Dreiecks-Helligkeit  $i^*$



FRS12_95a; adaptierte CIELAB-Daten						
$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	
O <sub>Ma</sub>	38.06	60.0	44.0	74.4	36	
Y <sub>Ma</sub>	86.77	-5.17	109.32	109.44	93	
L <sub>Ma</sub>	47.13	-62.67	48.24	79.09	142	
C <sub>Ma</sub>	55.66	-29.14	-31.99	43.27	228	
V <sub>Ma</sub>	17.15	50.3	-59.04	77.57	310	
M <sub>Ma</sub>	40.37	78.64	-33.5	85.48	337	
N <sub>Ma</sub>	11.58	0.0	0.0	0.0	0	
W <sub>Ma</sub>	95.02	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 -63 48

$LAB^*LCH^*_{Ma}$ : 47 79 142

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

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

Dreiecks-Helligkeit  $i^*$

%Umfang

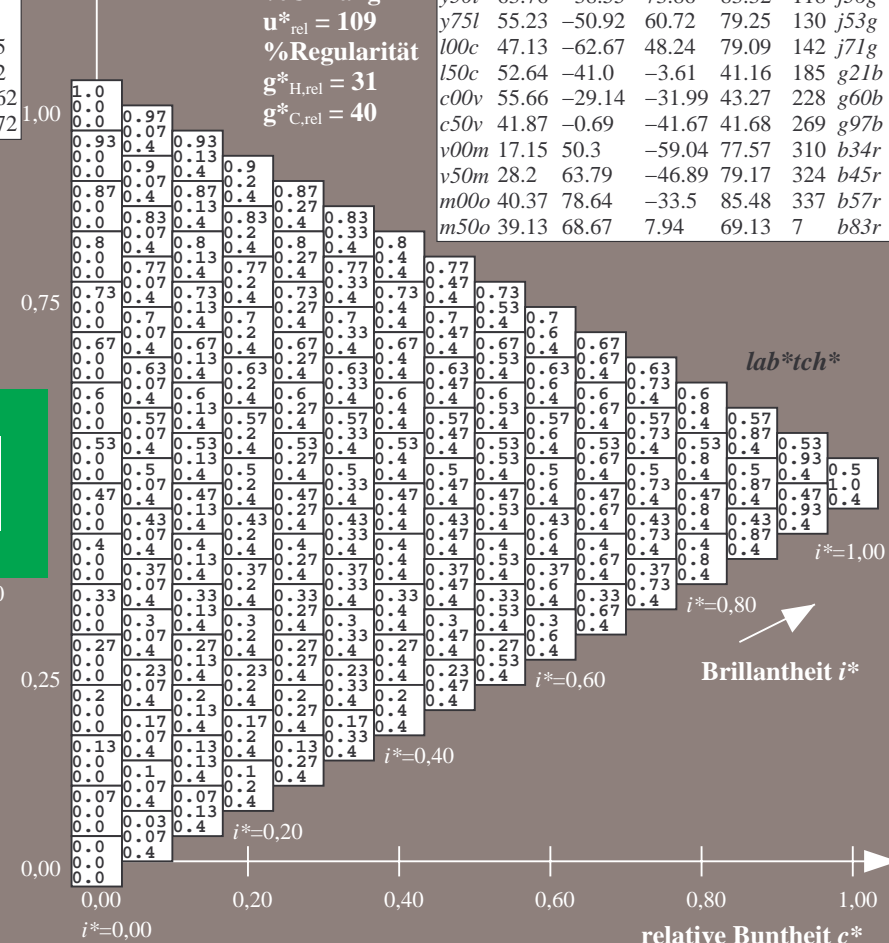
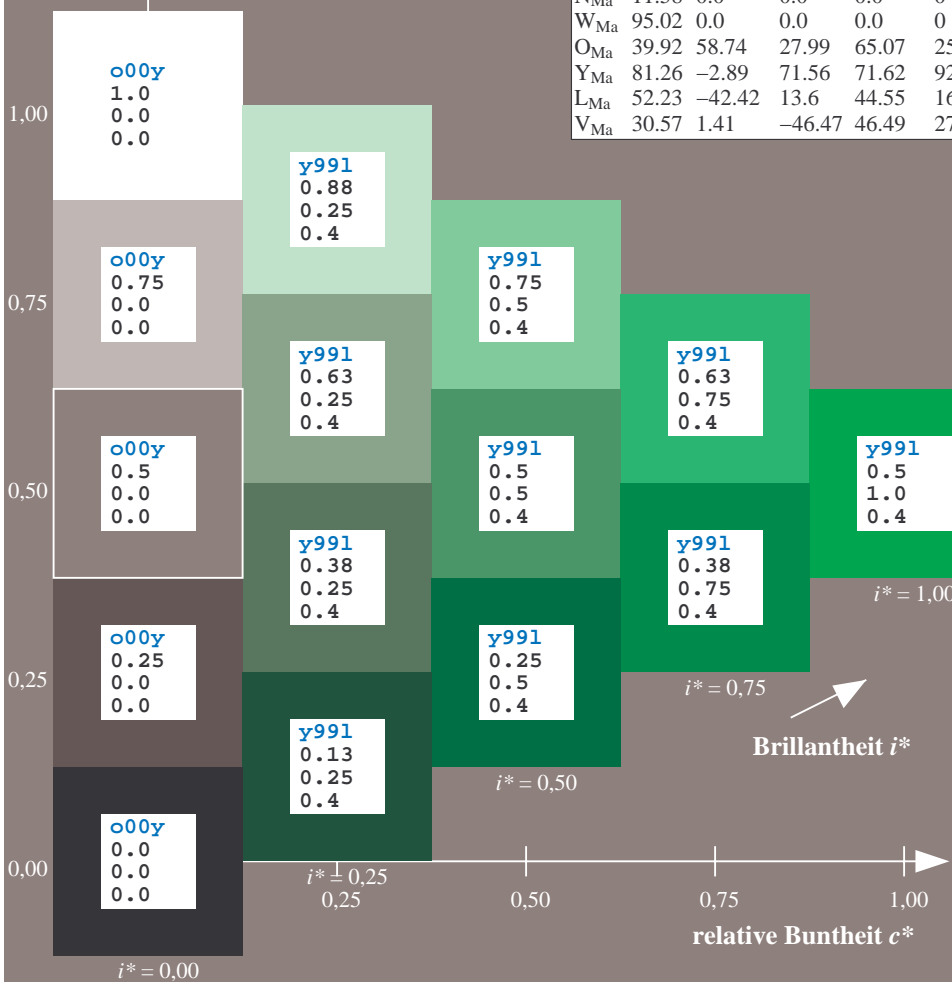
$u^*_{rel} = 109$

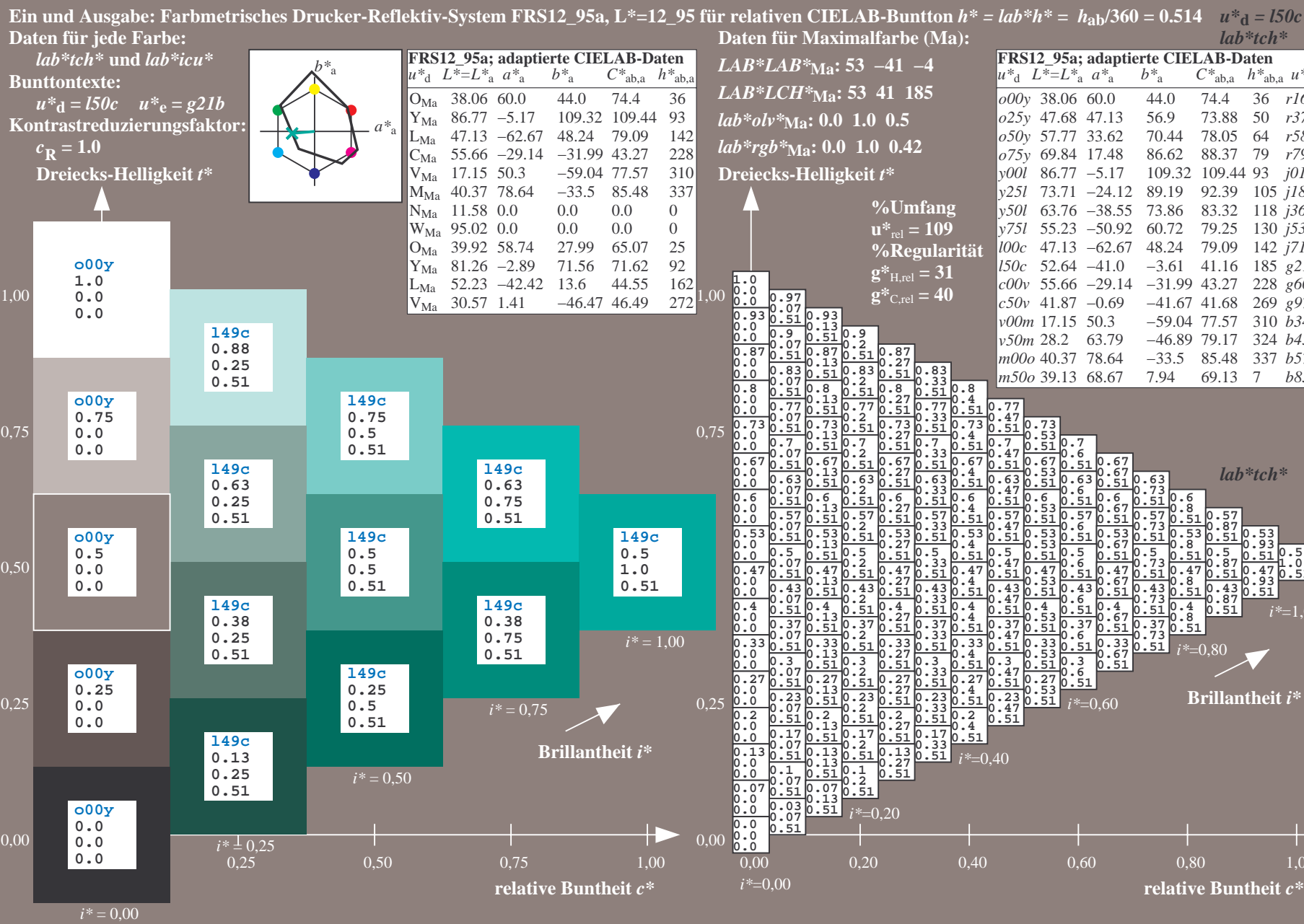
%Regularität

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

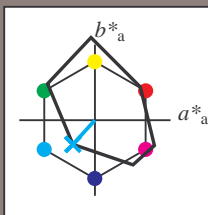
$g^*_{C,rel} = 40$

FRS12_95a; adaptierte CIELAB-Daten						
$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
o00y	38.06	60.0	44.0	74.4	36	r16j
o25y	47.68	47.13	56.9	73.88	50	r37j
o50y	57.77	33.62	70.44	78.05	64	r58j
o75y	69.84	17.48	86.62	88.37	79	r79j
y00l	86.77	-5.17	109.32	109.44	93	j01g
y25l	73.71	-24.12	89.19	92.39	105	j18g
y50l	63.76	-38.55	73.86	83.32	118	j36g
y75l	55.23	-50.92	60.72	79.25	130	j53g
l00c	47.13	-62.67	48.24	79.09	142	j71g
l50c	52.64	-41.0	-3.61	41.16	185	g21b
c00v	55.66	-29.14	-31.99	43.27	228	g60b
c50v	41.87	-0.69	-41.67	41.68	269	g97b
v00m	17.15	50.3	-59.04	77.57	310	b34r
v50m	28.2	63.79	-46.89	79.17	324	b45r
m00o	40.37	78.64	-33.5	85.48	337	b57r
m50o	39.13	68.67	7.94	69.13	7	b83r





Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS12\_95a, L\*=12\_95 für relative CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.632$   $u^*_d = c00v$   
Daten für jede Farbe:  
 $lab^*tch^*$  und  $lab^*icu^*$   
Bunttontexte:  
 $u^*_d = c00v$   $u^*_e = g60b$   
Kontrastreduzierungsfaktor:  
 $c_R = 1.0$   
Dreiecks-Helligkeit  $t^*$



FRS12_95a; adaptierte CIELAB-Daten						
$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
O <sub>Ma</sub>	38.06	60.0	44.0	74.4	36	r16j
Y <sub>Ma</sub>	86.77	-5.17	109.32	109.44	93	r37j
L <sub>Ma</sub>	47.13	-62.67	48.24	79.09	142	r58j
C <sub>Ma</sub>	55.66	-29.14	-31.99	43.27	228	r79j
V <sub>Ma</sub>	17.15	50.3	-59.04	77.57	310	j01g
M <sub>Ma</sub>	40.37	78.64	-33.5	85.48	337	j18g
N <sub>Ma</sub>	11.58	0.0	0.0	0.0	0	j36g
W <sub>Ma</sub>	95.02	0.0	0.0	0.0	0	j53g
O <sub>Ma</sub>	39.92	58.74	27.99	65.07	25	j71g
Y <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92	g21b
L <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162	g60b
V <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272	g97b

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 56 -29 -32

$LAB^*LCH^*_{Ma}$ : 56 43 227

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

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

Dreiecks-Helligkeit  $t^*$

%Umfang

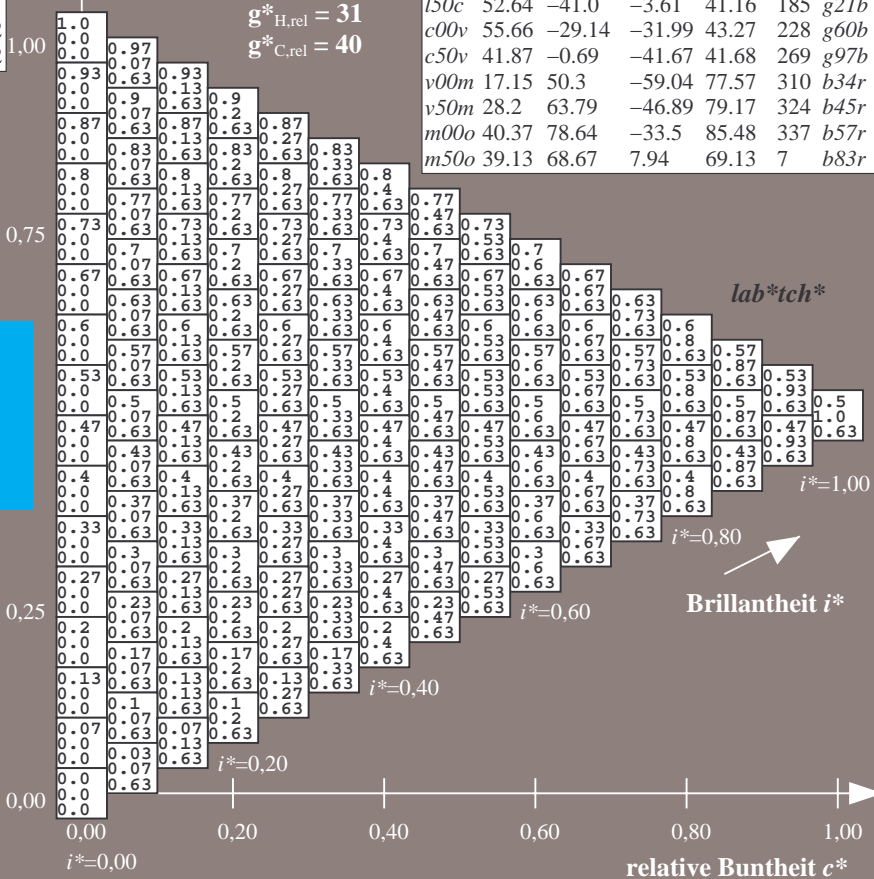
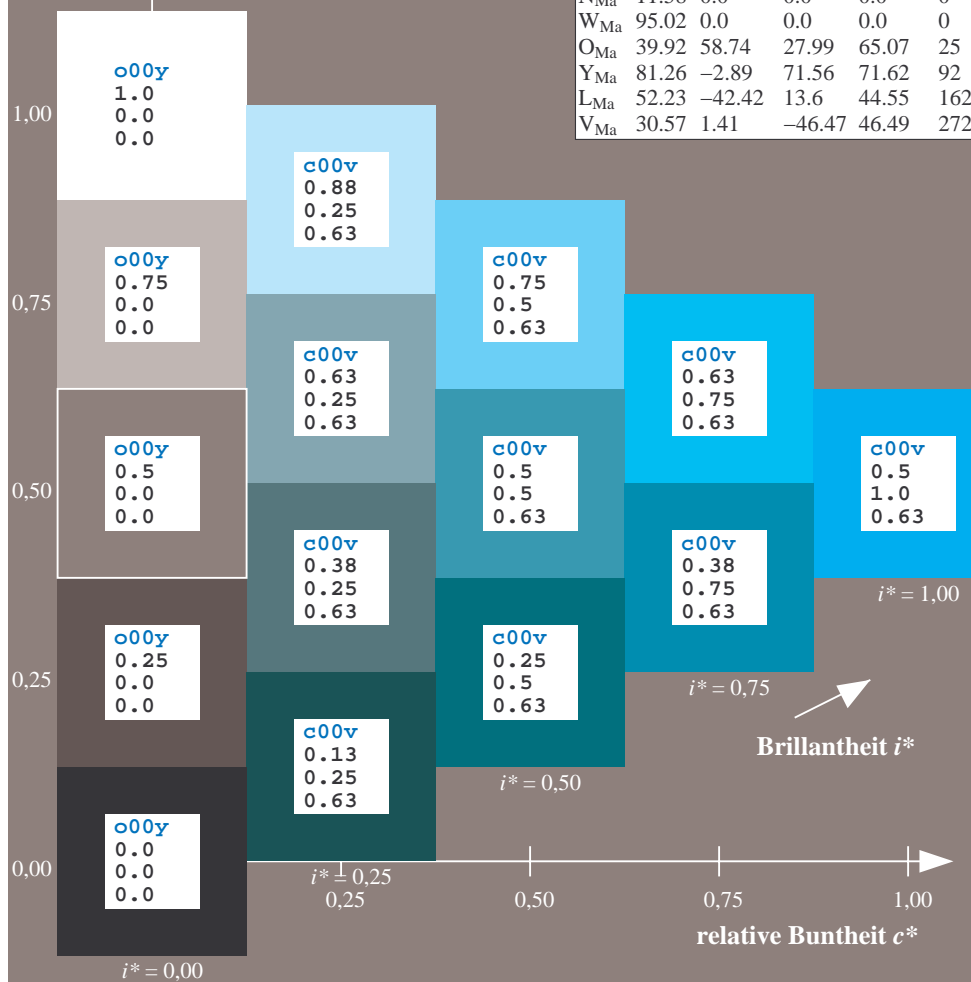
$u^*_{rel} = 109$

%Regularität

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

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

FRS12_95a; adaptierte CIELAB-Daten						
$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
o00y	38.06	60.0	44.0	74.4	36	r16j
o25y	47.68	47.13	56.9	73.88	50	r37j
o50y	57.77	33.62	70.44	78.05	64	r58j
o75y	69.84	17.48	86.62	88.37	79	r79j
y00l	86.77	-5.17	109.32	109.44	93	j01g
y25l	73.71	-24.12	89.19	92.39	105	j18g
y50l	63.76	-38.55	73.86	83.32	118	j36g
y75l	55.23	-50.92	60.72	79.25	130	j53g
l00c	47.13	-62.67	48.24	79.09	142	j71g
l50c	52.64	-41.0	-3.61	41.16	185	g21b
c00v	55.66	-29.14	-31.99	43.27	228	g60b
c50v	41.87	-0.69	-41.67	41.68	269	g97b
v00m	17.15	50.3	-59.04	77.57	310	b34r
v50m	28.2	63.79	-46.89	79.17	324	b45r
m00o	40.37	78.64	-33.5	85.48	337	b57r
m50o	39.13	68.67	7.94	69.13	7	b83r





### Daten für jede Farbe:

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

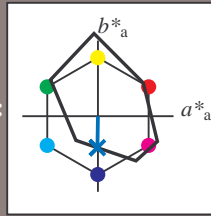
## Bunttontexte:

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

### Kontrastreduzierungsfaktor:

 $c_R = 1.0$ 

### Dreiecks-Helligkeit $t^*$



FRS12_95a; adaptierte CIELAB-Daten						
$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	
O <sub>Ma</sub>	38.06	60.0	44.0	74.4	36	
Y <sub>Ma</sub>	86.77	-5.17	109.32	109.44	93	
L <sub>Ma</sub>	47.13	-62.67	48.24	79.09	142	
C <sub>Ma</sub>	55.66	-29.14	-31.99	43.27	228	
V <sub>Ma</sub>	17.15	50.3	-59.04	77.57	310	
M <sub>Ma</sub>	40.37	78.64	-33.5	85.48	337	
N <sub>Ma</sub>	11.58	0.0	0.0	0.0	0	
W <sub>Ma</sub>	95.02	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>: 42 -1 -42**

**LAB\*LCH\*** $M_3$ : 42 42 269

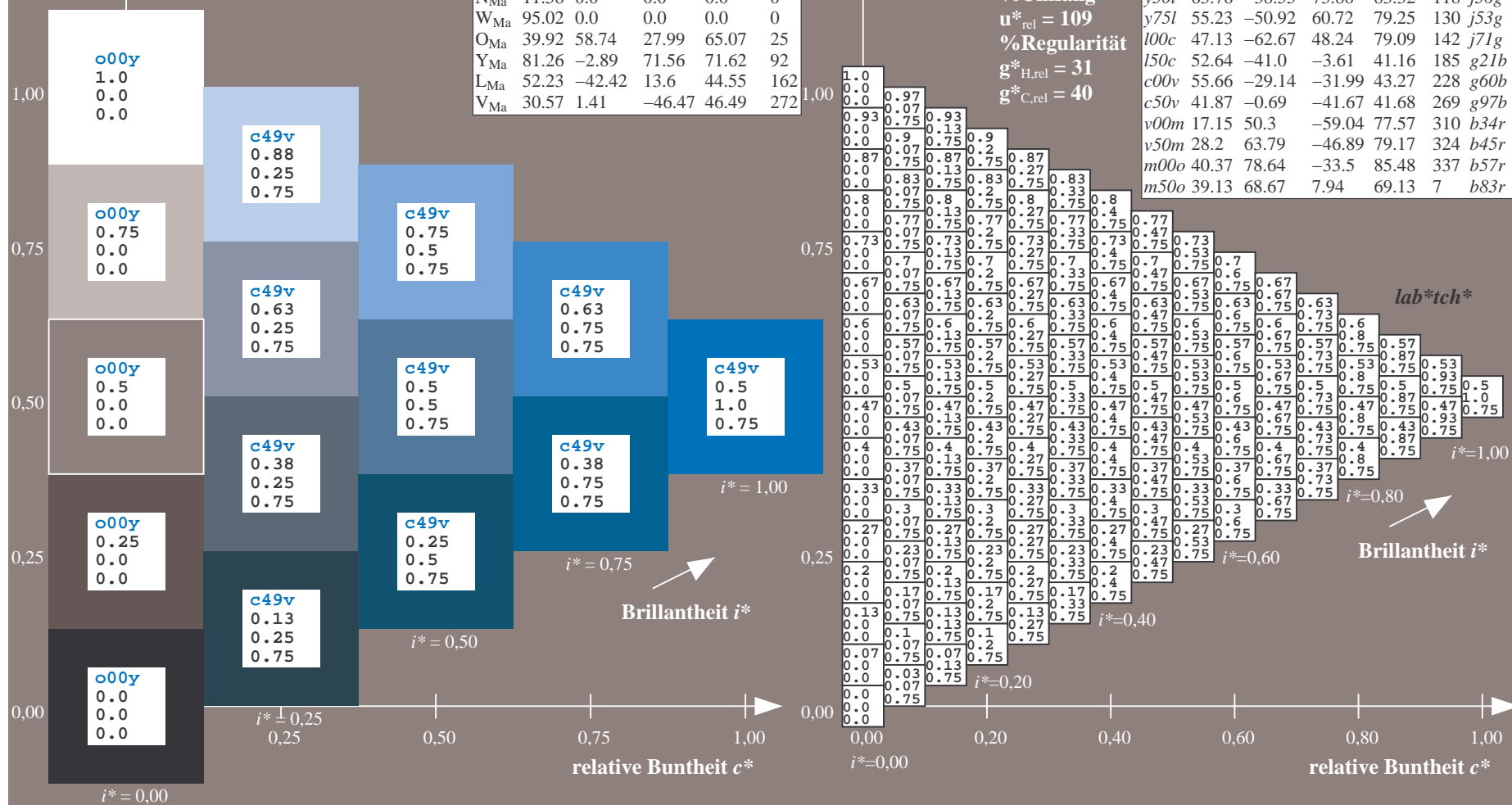
**LAB\**LCH*\*Ma: 42 42 2**

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

*lab\*rgb\**<sub>Ma</sub>: 0.0 0.05 1.0

### Dreiecks-Helligkeit $t^*$

FRS12_95a; adaptierte CIELAB-Daten							
$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$	
<i>o00y</i>	38.06	60.0	44.0	74.4	36	<i>r16j</i>	
<i>o25y</i>	47.68	47.13	56.9	73.88	50	<i>r37j</i>	
<i>o50y</i>	57.77	33.62	70.44	78.05	64	<i>r58j</i>	
<i>o75y</i>	69.84	17.48	86.62	88.37	79	<i>r79j</i>	
<i>y00l</i>	86.77	-5.17	109.32	109.44	93	<i>j01g</i>	
<i>y25l</i>	73.71	-24.12	89.19	92.39	105	<i>j18g</i>	
<i>y50l</i>	63.76	-38.55	73.86	83.32	118	<i>j36g</i>	
<i>y75l</i>	55.23	-50.92	60.72	79.25	130	<i>j53g</i>	
<i>l00c</i>	47.13	-62.67	48.24	79.09	142	<i>j71g</i>	
<i>l50c</i>	52.64	-41.0	-3.61	41.16	185	<i>g21b</i>	
<i>c00v</i>	55.66	-29.14	-31.99	43.27	228	<i>g60b</i>	
<i>c50v</i>	41.87	-0.69	-41.67	41.68	269	<i>g97b</i>	
<i>v00m</i>	17.15	50.3	-59.04	77.57	310	<i>b34r</i>	
<i>v50m</i>	28.2	63.79	-46.89	79.17	324	<i>b45r</i>	
<i>m00o</i>	40.37	78.64	-33.5	85.48	337	<i>b57r</i>	
<i>m50o</i>	39.13	68.67	7.94	69.13	7	<i>b83r</i>	



# BAM-Prüfvorlage Fg62; Relatives Geräte-Farbsystem

D65: Farbreihen, Datentabellen für 16 Bunttöne  $o00y$  l

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

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

Ein und Ausgabe: Farbmétrisches Drucker-Reflektiv-System FRS12\_95a,  $L^*=12_95$  für relativen CIELAB-Buntton  $h^* = \frac{lab^*h^*}{h_{ab}/360} = h_{ab}/360 = 0.862$   $u^*_d = v00m$

### Daten für jede Farbe:

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

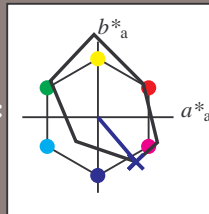
## Bunttexte:

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

### Kontrastreduzierungsfaktor:

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

## Dreiecks-Helligkeit $t^*$



FRS12_95a; adaptierte CIELAB-Daten						
$u^*_d$	$L^*-L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	
O <sub>Ma</sub>	38.06	60.0	44.0	74.4	36	
Y <sub>Ma</sub>	86.77	-5.17	109.32	109.44	93	
L <sub>Ma</sub>	47.13	-62.67	48.24	79.09	142	
C <sub>Ma</sub>	55.66	-29.14	-31.99	43.27	228	
V <sub>Ma</sub>	17.15	50.3	-59.04	77.57	310	
M <sub>Ma</sub>	40.37	78.64	-33.5	85.48	337	
N <sub>Ma</sub>	11.58	0.0	0.0	0.0	0	
W <sub>Ma</sub>	95.02	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\**M<sub>a</sub>: 17 50 -59

**LAB\*LCH\*Ma: 17 78 310**

LAB\**LCH*\*Ma: 17 / 18 3

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

*lab\*rgb\*\_Ma*: 0.68 0.0 1.0

### Dreiecks-Helligkeit $t^*$

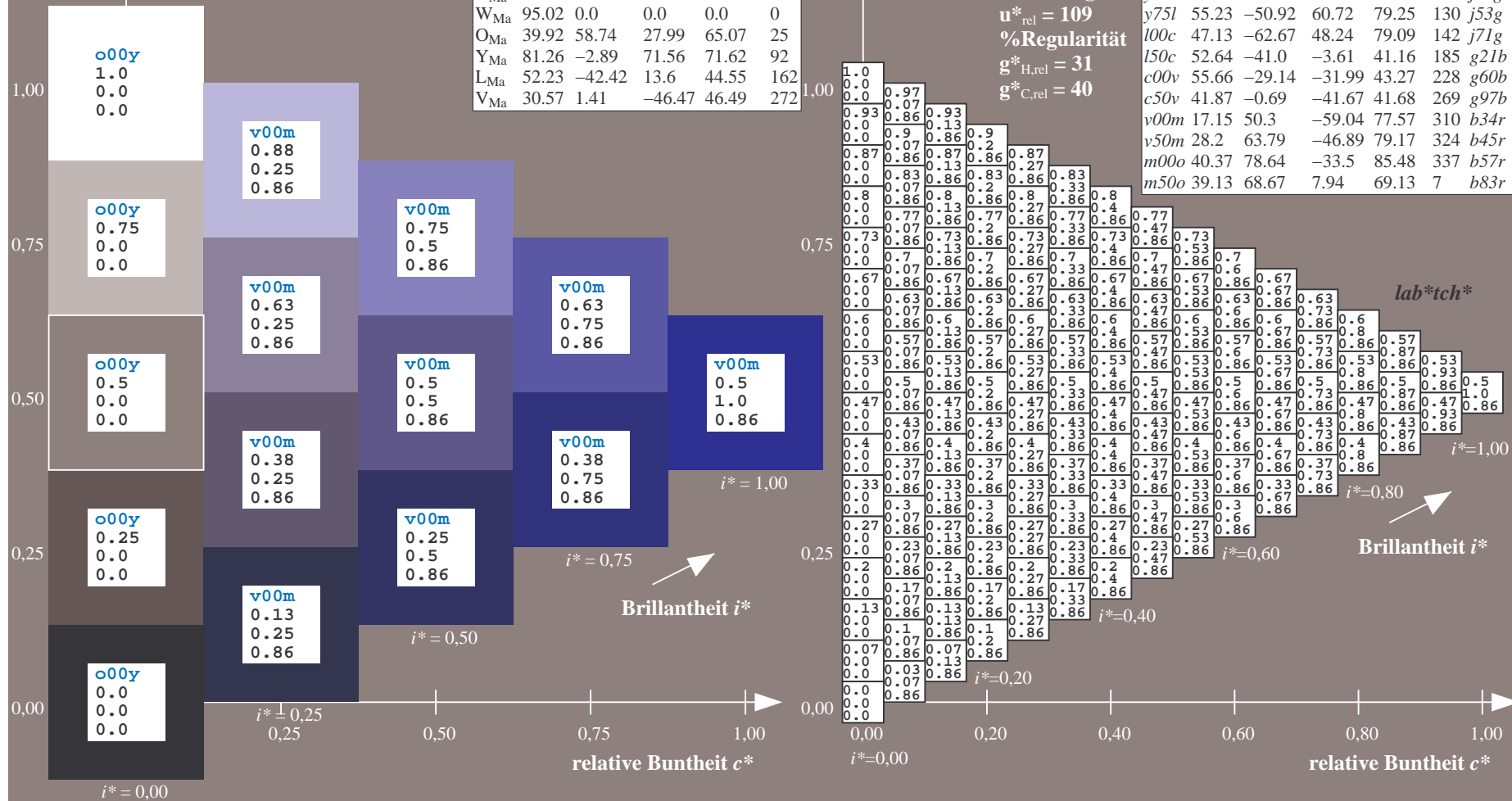
## %Umfang

$$u_{\text{rel}}^* = 109$$

## %Regularität

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

FRS12_95a; adaptierte CIELAB-Daten							
$u_d^*$	$L^*=L_a^*$	$a_a^*$	$b_a^*$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u_e^*$	
<i>o00y</i>	38.06	60.0	44.0	74.4	36	<i>r16j</i>	
<i>o25y</i>	47.68	47.13	56.9	73.88	50	<i>r37j</i>	
<i>o50y</i>	57.77	33.62	70.44	78.05	64	<i>r58j</i>	
<i>o75y</i>	69.84	17.48	86.62	88.79	79	<i>r79j</i>	
<i>y00l</i>	86.77	-5.17	109.32	109.44	93	<i>j01g</i>	
<i>y25l</i>	73.71	-24.12	89.19	92.39	105	<i>j18g</i>	
<i>y50l</i>	63.76	-38.55	73.86	83.32	118	<i>j36g</i>	
<i>y75l</i>	55.23	-50.92	60.72	79.25	130	<i>j53g</i>	
<i>l00c</i>	47.13	-62.67	48.24	79.09	142	<i>j71g</i>	
<i>l50c</i>	52.64	-41.0	-3.61	41.16	185	<i>g21b</i>	
<i>c00v</i>	55.66	-29.14	-31.99	43.27	228	<i>g60b</i>	
<i>c50v</i>	41.87	-0.69	-41.67	41.68	269	<i>g97b</i>	
<i>v00m</i>	17.15	50.3	-59.04	77.57	310	<i>b34r</i>	
<i>v50m</i>	28.52	63.79	-46.89	79.17	324	<i>b45r</i>	
<i>m00o</i>	40.37	78.64	-33.5	85.48	337	<i>b57r</i>	
<i>m50o</i>	39.13	68.67	7.94	69.13	7	<i>b83r</i>	



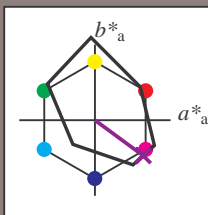
## BAM-Prüfvorlage Fg62: Relatives Geräte-Farbsystem

D65: Farbreihen, Datentabellen für 16 Bunttöne 000v

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

oAusgabe:  $\rightarrow cmy0^* \text{ setcmykcolor}$

Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS12\_95a, L\*=12\_95 für relative CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.899$   $u^*_d = v50m$   
Daten für jede Farbe:  
 $lab^*tch^*$  und  $lab^*icu^*$   
Bunttontexte:  
 $u^*_d = v50m$   $u^*_e = b45r$   
Kontrastreduzierungsfaktor:  
 $c_R = 1.0$   
Dreiecks-Helligkeit  $i^*$



FRS12_95a; adaptierte CIELAB-Daten						
$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
O <sub>Ma</sub>	38.06	60.0	44.0	74.4	36	r16j
Y <sub>Ma</sub>	86.77	-5.17	109.32	109.44	93	r37j
L <sub>Ma</sub>	47.13	-62.67	48.24	79.09	142	r58j
C <sub>Ma</sub>	55.66	-29.14	-31.99	43.27	228	r79j
V <sub>Ma</sub>	17.15	50.3	-59.04	77.57	310	j01g
M <sub>Ma</sub>	40.37	78.64	-33.5	85.48	337	j18g
N <sub>Ma</sub>	11.58	0.0	0.0	0.0	0	j36g
W <sub>Ma</sub>	95.02	0.0	0.0	0.0	0	j53g
O <sub>Ma</sub>	39.92	58.74	27.99	65.07	25	j71g
Y <sub>Ma</sub>	81.26	-2.89	71.56	71.62	92	g21b
L <sub>Ma</sub>	52.23	-42.42	13.6	44.55	162	g60b
V <sub>Ma</sub>	30.57	1.41	-46.47	46.49	272	g97b

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}$ : 28 64 -47

$LAB^*LCH^*_{Ma}$ : 28 79 323

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

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

Dreiecks-Helligkeit  $i^*$

%Umfang

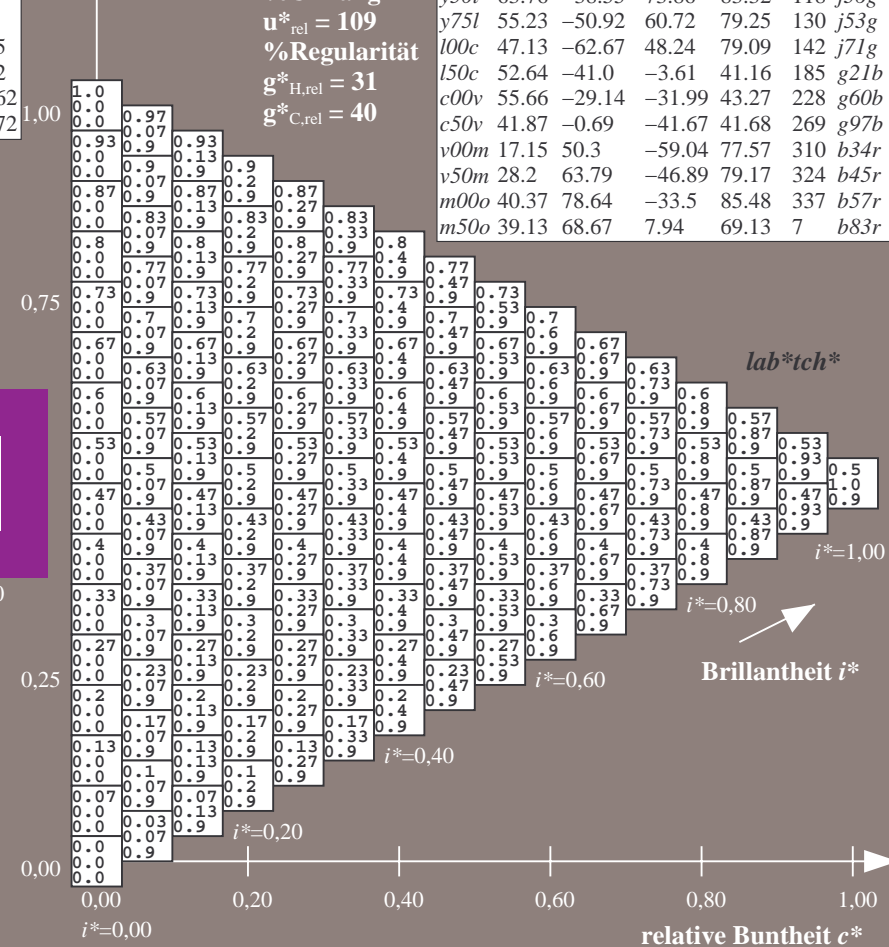
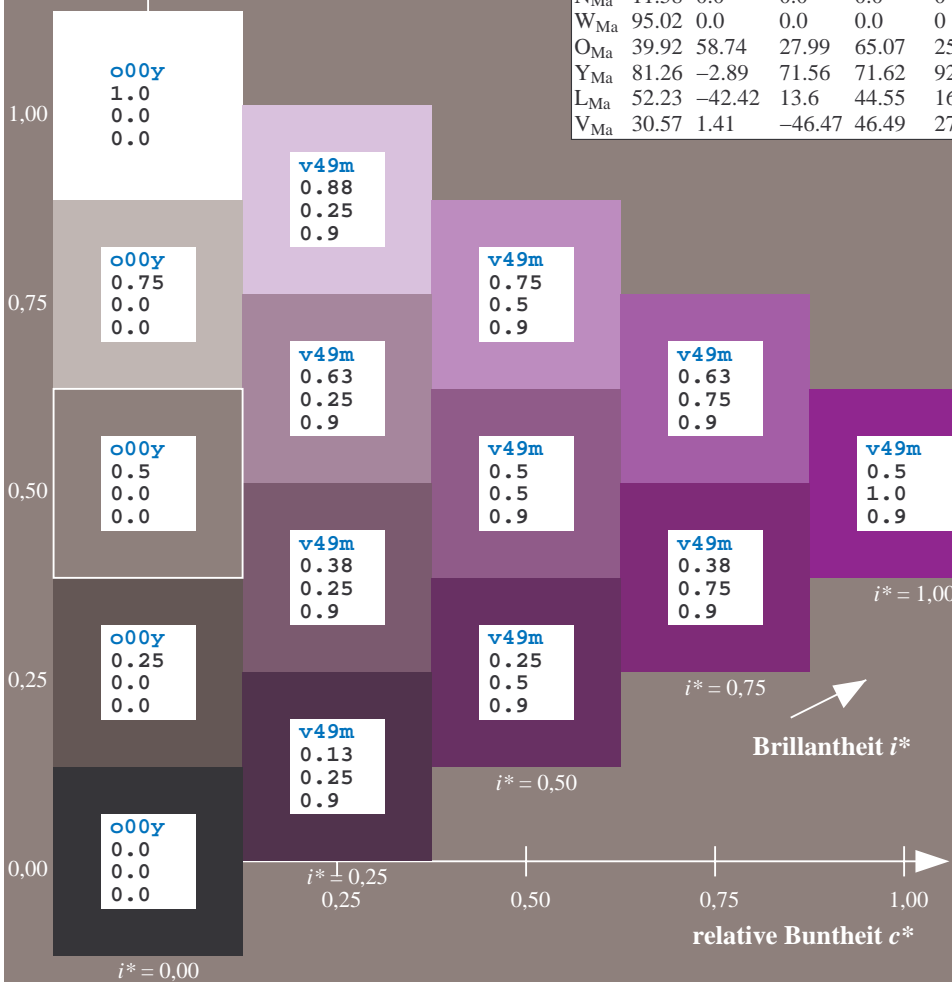
$u^*_{rel} = 109$

%Regularität

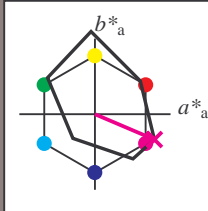
$g^*_{H,rel} = 31$

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

FRS12_95a; adaptierte CIELAB-Daten						
$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
o00y	38.06	60.0	44.0	74.4	36	r16j
o25y	47.68	47.13	56.9	73.88	50	r37j
o50y	57.77	33.62	70.44	78.05	64	r58j
o75y	69.84	17.48	86.62	88.37	79	r79j
y00l	86.77	-5.17	109.32	109.44	93	j01g
y25l	73.71	-24.12	89.19	92.39	105	j18g
y50l	63.76	-38.55	73.86	83.32	118	j36g
y75l	55.23	-50.92	60.72	79.25	130	j53g
l00c	47.13	-62.67	48.24	79.09	142	j71g
l50c	52.64	-41.0	-3.61	41.16	185	g21b
c00v	55.66	-29.14	-31.99	43.27	228	g60b
c50v	41.87	-0.69	-41.67	41.68	269	g97b
v00m	17.15	50.3	-59.04	77.57	310	b34r
v50m	28.2	63.79	-46.89	79.17	324	b45r
m00o	40.37	78.64	-33.5	85.48	337	b57r
m50o	39.13	68.67	7.94	69.13	7	b83r



### Dreiecks-Helligkeit $t^*$



FRS12_95a; adaptierte CIELAB-Daten						
$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	
O <sub>Ma</sub>	38.06	60.0	44.0	74.4	36	
Y <sub>Ma</sub>	86.77	-5.17	109.32	109.44	93	
L <sub>Ma</sub>	47.13	-62.67	48.24	79.09	142	
C <sub>Ma</sub>	55.66	-29.14	-31.99	43.27	228	
V <sub>Ma</sub>	17.15	50.3	-59.04	77.57	310	
M <sub>Ma</sub>	40.37	78.64	-33.5	85.48	337	
N <sub>Ma</sub>	11.58	0.0	0.0	0.0	0	
W <sub>Ma</sub>	95.02	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*\*M<sub>a</sub>: 40 79 -34

LAB\*LCH\*Ms: 40 85 336

*lab\*clu\**: 1.0 0.0 1.0

<i>lab<sup>+</sup>olV<sup>+</sup></i> Ma	1.0	0.0	1.0
<i>lab<sup>+</sup>olV<sup>+</sup></i>	1.0	0.0	0.0

*lab\*rgb*\*Ma: 1.0 0.0 0.85

### Dreiecks-Helligkeit $t^*$

%Umfang

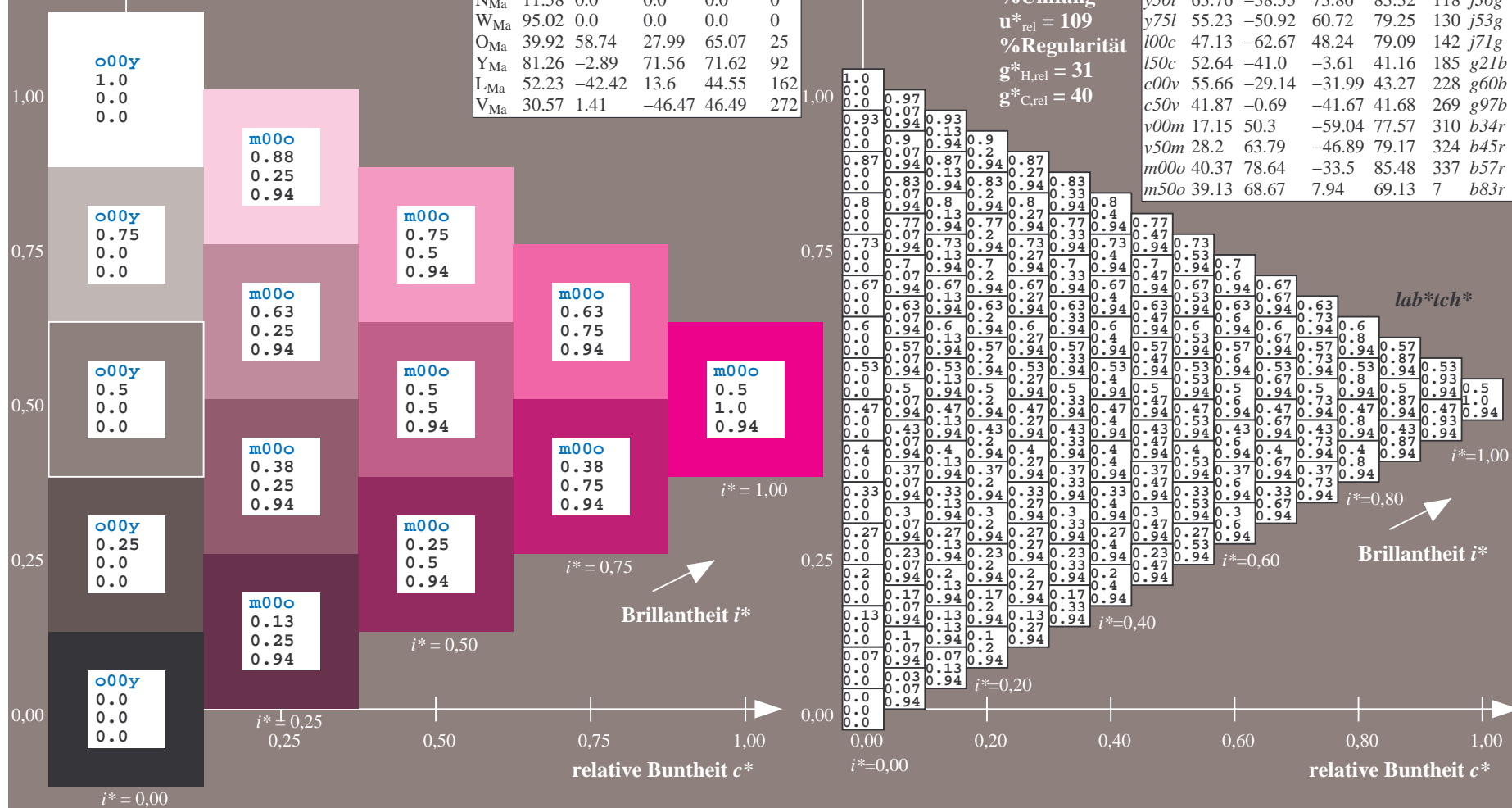
$$u_{rel}^* = 109$$

**%Regular**

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

\_\_\_\_\_

FRS12_95a; adaptierte CIELAB-Daten							
$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$	
<i>o00y</i>	38.06	60.0	44.0	74.4	36	<i>r16j</i>	
<i>o25y</i>	47.68	47.13	56.9	73.88	50	<i>r37j</i>	
<i>o50y</i>	57.77	33.62	70.44	78.05	64	<i>r58j</i>	
<i>o75y</i>	69.84	17.48	86.62	88.37	79	<i>r79j</i>	
<i>y00l</i>	86.77	-5.17	109.32	109.44	93	<i>j01g</i>	
<i>y25l</i>	73.71	-24.12	89.19	92.39	105	<i>j18g</i>	
<i>y50l</i>	63.76	-38.55	73.86	83.32	118	<i>j36g</i>	
<i>y75l</i>	55.23	-50.92	60.72	79.25	130	<i>j53g</i>	
<i>l00c</i>	47.13	-62.67	48.24	79.09	142	<i>j71g</i>	
<i>l50c</i>	52.64	-41.0	-3.61	41.16	185	<i>g21b</i>	
<i>c00v</i>	55.66	-29.14	-31.99	43.27	228	<i>g60b</i>	
<i>c50v</i>	41.87	-0.69	-41.67	41.68	269	<i>g97b</i>	
<i>v00m</i>	17.15	50.3	-59.04	77.57	310	<i>b34r</i>	
<i>v50m</i>	28.2	63.79	-46.89	79.17	324	<i>b45r</i>	
<i>m00o</i>	40.37	78.64	-33.5	85.48	337	<i>b57r</i>	
<i>m50o</i>	39.13	68.67	7.94	69.13	7	<i>b83r</i>	



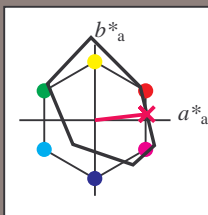
BAM-Prüfvorlage Fg62; Relatives Geräte-Farbsystem  
D65: Farbreihen, Datentabellen für 16 Bunttöne *o00y*

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

doAusgabe:  $\rightarrow cmy0^* \text{ setcmykcolor}$



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS12\_95a, L\*=12\_95 für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.018$   $u^*_d = m50o$   
Daten für jede Farbe:  
 $lab^*tch^*$  und  $lab^*icu^*$   
Bunttontexte:  
 $u^*_d = m50o$   $u^*_e = b83r$   
Kontrastreduzierungsfaktor:  
 $c_R = 1.0$   
Dreiecks-Helligkeit  $i^*$



FRS12_95a; adaptierte CIELAB-Daten						
$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	
O <sub>Ma</sub>	38.06	60.0	44.0	74.4	36	
Y <sub>Ma</sub>	86.77	-5.17	109.32	109.44	93	
L <sub>Ma</sub>	47.13	-62.67	48.24	79.09	142	
C <sub>Ma</sub>	55.66	-29.14	-31.99	43.27	228	
V <sub>Ma</sub>	17.15	50.3	-59.04	77.57	310	
M <sub>Ma</sub>	40.37	78.64	-33.5	85.48	337	
N <sub>Ma</sub>	11.58	0.0	0.0	0.0	0	
W <sub>Ma</sub>	95.02	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 69 8

$LAB^*LCH^*_{Ma}$ : 39 69 6

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

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

Dreiecks-Helligkeit  $i^*$

%Umfang

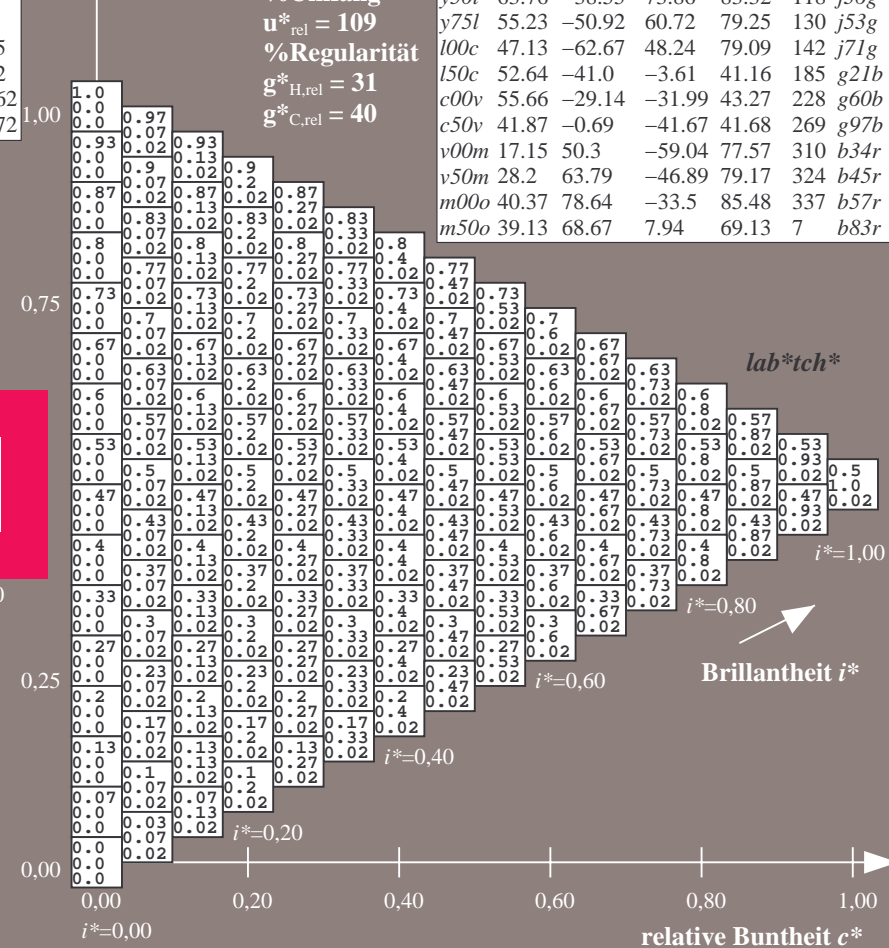
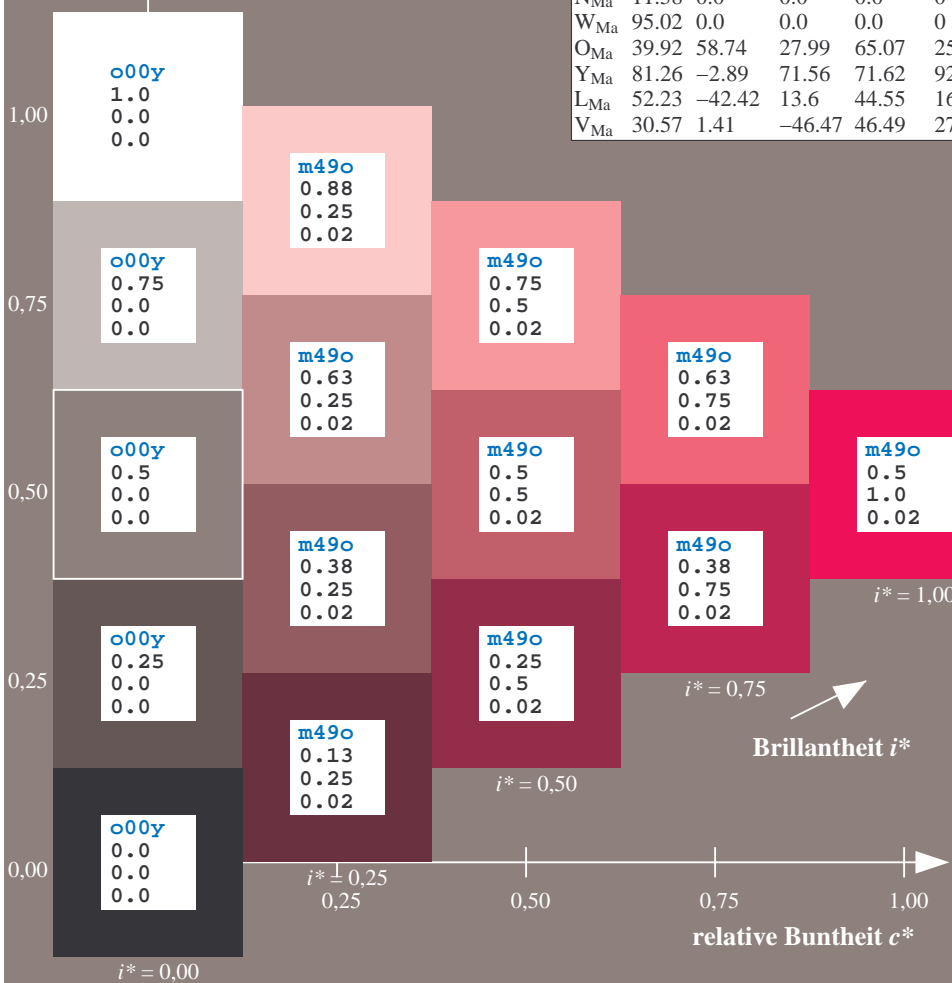
$u^*_{rel} = 109$

%Regularität

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

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

FRS12_95a; adaptierte CIELAB-Daten						
$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
o00y	38.06	60.0	44.0	74.4	36	r16j
o25y	47.68	47.13	56.9	73.88	50	r37j
o50y	57.77	33.62	70.44	78.05	64	r58j
o75y	69.84	17.48	86.62	88.37	79	r79j
y00l	86.77	-5.17	109.32	109.44	93	j01g
y25l	73.71	-24.12	89.19	92.39	105	j18g
y50l	63.76	-38.55	73.86	83.32	118	j36g
y75l	55.23	-50.92	60.72	79.25	130	j53g
l00c	47.13	-62.67	48.24	79.09	142	j71g
l50c	52.64	-41.0	-3.61	41.16	185	g21b
c00v	55.66	-29.14	-31.99	43.27	228	g60b
c50v	41.87	-0.69	-41.67	41.68	269	g97b
v00m	17.15	50.3	-59.04	77.57	310	b34r
v50m	28.2	63.79	-46.89	79.17	324	b45r
m00o	40.37	78.64	-33.5	85.48	337	b57r
m50o	39.13	68.67	7.94	69.13	7	b83r



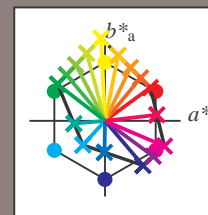
Siehe ähnliche Dateien: <http://www.ps.bam.de/Fg62/>; [www.ps.bam.de/Fg62/](http://www.ps.bam.de/Fg62/)  
Technische Information: [http://www.ps.bam.de/Version 2.1, io=1,1, Col5px=0](http://www.ps.bam.de/Version%202.1,%20io=1,1,%20Col5px=0)

	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	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	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	
0.0	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.1	0.26	0.33	0.35	0.36	0.37	0.37	0.38	0.38	0.1	0.18	0.26	0.3	0.33	0.34	0.35	0.36	0.36	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
0.06	0.06	0.13	0.19	0.25	0.31	0.38	0.44	0.5	0.06	0.13	0.19	0.25	0.31	0.38	0.44	0.5	0.56	0.13	0.19	0.25	0.31	0.38	0.44	0.5	0.56	0.63	0.88	0.81	0.75	0.69	0.63	0.56	0.5	0.44	0.38	0.25	0.25	0.25	
0.13	0.13	0.13	0.19	0.25	0.31	0.38	0.44	0.5	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	
0.25	0.25	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	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	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	
0.86	0.63	0.51	0.47	0.45	0.44	0.44	0.43	0.43	0.94	0.0	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.02	0.1	0.26	0.33	0.35	0.36	0.37	0.38	0.44	0.5	0.56	0.63	0.88	0.81	0.75	0.69	0.63	0.56	0.5	0.44	0.38	0.25
0.13	0.13	0.13	0.19	0.25	0.31	0.38	0.44	0.5	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	
0.25	0.25	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	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	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	
0.86	0.79	0.71	0.63	0.55	0.51	0.49	0.47	0.46	0.45	0.9	0.86	0.63	0.51	0.47	0.45	0.44	0.44	0.43	0.19	0.94	0.94	0.0	0.4	0.4	0.4	0.4	0.4	0.4	0.63	0.63	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
0.19	0.19	0.19	0.19	0.25	0.31	0.38	0.44	0.5	0.19	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	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	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	
0.86	0.79	0.71	0.63	0.55	0.51	0.49	0.47	0.46	0.45	0.9	0.86	0.63	0.51	0.47	0.45	0.44	0.44	0.43	0.19	0.94	0.94	0.0	0.4	0.4	0.4	0.4	0.4	0.4	0.63	0.63	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	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	0.5	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		
0.86	0.8	0.75	0.69	0.63	0.59	0.55	0.51	0.48	0.88	0.86	0.79	0.71	0.63	0.57	0.54	0.51	0.49	0.47	0.46	0.45	0.9	0.86	0.63	0.51	0.47	0.45	0.44	0.44	0.43	0.19	0.94	0.94	0.0	0.4	0.4	0.4	0.4	0.4	
0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	
0.86	0.82	0.77	0.72	0.68	0.63	0.59	0.56	0.54	0.88	0.86	0.8	0.75	0.69	0.63	0.59	0.55	0.53	0.89	0.88	0.86	0.79	0.71	0.63	0.57	0.54	0.51	0.49	0.47	0.46	0.45	0.9	0.86	0.63	0.51	0.47	0.45	0.44	0.44	
0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38		
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	0.75	0.75	0.75	0.75	0.75		
0.86	0.82	0.79	0.75	0.71	0.67	0.63	0.6	0.57	0.87	0.86	0.82	0.77	0.72	0.68	0.63	0.59	0.56	0.89	0.88	0.86	0.8	0.75	0.69	0.63	0.59	0.55	0.63	0.75	0.63	0.5	0.44	0.38	0.31	0.25	0.13	0.0	0.0		
0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	
0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88		
0.86	0.83	0.8	0.76	0.73	0.7	0.67	0.63	0.6	0.87	0.86	0.82	0.79	0.75	0.71	0.67	0.63	0.6	0.88	0.87	0.86	0.82	0.77	0.72	0.68	0.63	0.59	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	
0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5		
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	1.0	1.0	1.0	1.0		
0.86	0.83	0.8	0.78	0.75	0.72	0.69	0.66	0.63	0.87	0.86	0.83	0.8	0.76	0.73	0.7	0.67	0.63	0.88	0.87	0.86	0.82	0.79	0.75	0.71	0.67	0.63	0.59	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63		
0.19	0.19	0.19	0.19	0.25	0.31	0.38	0.44	0.5	0.19	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	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	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38			
0.86	0.79	0.71	0.63	0.55	0.49	0.47	0.46	0.45	0.9	0.86	0.63	0.51	0.47	0.45	0.44	0.44	0.43	0.19	0.94	0.94	0.0	0.4	0.4	0.4	0.4	0.4	0.4	0.63	0.63	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1		
0.19	0.19	0.19	0.19	0.25	0.31	0.38	0.44	0.5	0.19	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	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	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38			
0.86	0.79	0.71	0.63	0.55	0.49	0.47	0.46	0.45	0.9	0.86	0.63	0.51	0.47	0.45	0.44	0.44	0.43	0.19	0.94	0.94	0.0	0.4	0.4	0.4	0.4	0.4	0.4	0.63	0.63	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1		
0.19	0.19	0.19	0.19	0.25	0.31	0.38	0.44	0.5	0.19	0.25	0.25	0																											

BAM-Registrierung: 20081001-Fg62/10L/L62g00NA.TXT/ .PS BAM-Material: Code=rh4ta  
Anwendung für Beurteilung und Messung von Drucker- oder Monitorsystemen

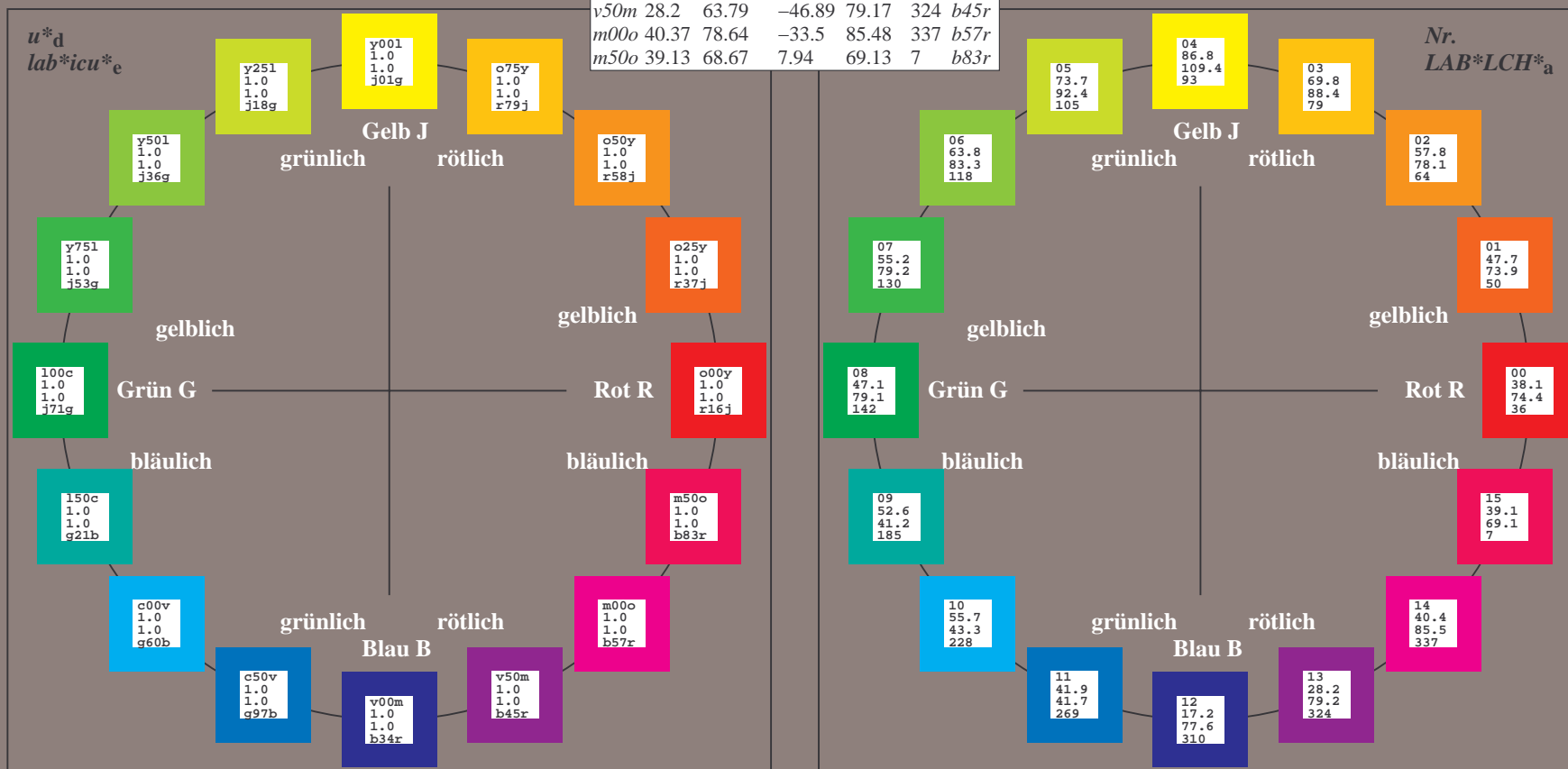
Ein und Ausgabe:  
Farbmetrisches Drucker-Reflektiv-System FRS12\_95a  
Daten für jede Farbe:  
 $u^*_d$  und Nummer  $Nr.$  = 00 .. 15  
Geräte-Bunttontext:  
 $u^*_d$  = 16 Bunttoene  $o00y$ ,  $o25y$ , ...,  $m50o$   
Kontrastreduzierungsfaktor:  
 $c_R = 1.0$

FRS12_95a; adaptierte CIELAB-Daten						
$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
$o00y$	38.06	60.0	44.0	74.4	36	$r16j$
$o25y$	47.68	47.13	56.9	73.88	50	$r37j$
$o50y$	57.77	33.62	70.44	78.05	64	$r58j$
$o75y$	69.84	17.48	86.62	88.37	79	$r79j$
$y00l$	86.77	-5.17	109.32	109.44	93	$j01g$
$y25l$	73.71	-24.12	89.19	92.39	105	$j18g$
$y50l$	63.76	-38.55	73.86	83.32	118	$j36g$
$y75l$	55.23	-50.92	60.72	79.25	130	$j53g$
$l00c$	47.13	-62.67	48.24	79.09	142	$j71g$
$l50c$	52.64	-41.0	-3.61	41.16	185	$g21b$
$c00v$	55.66	-29.14	-31.99	43.27	228	$g60b$
$c50v$	41.87	-0.69	-41.67	41.68	269	$g97b$
$v00m$	17.15	50.3	-59.04	77.57	310	$b34r$
$v50m$	28.2	63.79	-46.89	79.17	324	$b45r$
$m00o$	40.37	78.64	-33.5	85.48	337	$b57r$
$m50o$	39.13	68.67	7.94	69.13	7	$b83r$



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

FRS12_95a; adaptierte CIELAB-Daten					
Name	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
$O_{Ma}$	38.06	60.0	44.0	74.4	36
$Y_{Ma}$	86.77	-5.17	109.32	109.44	93
$L_{Ma}$	47.13	-62.67	48.24	79.09	142
$C_{Ma}$	55.66	-29.14	-31.99	43.27	228
$V_{Ma}$	17.15	50.3	-59.04	77.57	310
$M_{Ma}$	40.37	78.64	-33.5	85.48	337
$N_{Ma}$	11.58	0.0	0.0	0.0	0
$W_{Ma}$	95.02	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: Farbmétrisches Drucker-Reflektiv-System FRS12\_95a,  $L^*=12_95$  für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.101$

### Daten für jede Farbe:

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

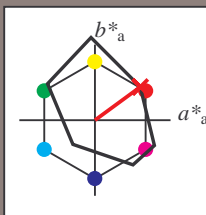
## Bunttexte:

$$u_d^* = 000y \quad u_e^* = r16j$$

**Kontrastreduzierungsfaktor:**

 $c_R = 1.0$ 

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



FRS12_95a; adaptierte CIELAB-Daten						
$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	
O <sub>Ma</sub>	38.06	60.0	44.0	74.4	36	
Y <sub>Ma</sub>	86.77	-5.17	109.32	109.44	93	
L <sub>Ma</sub>	47.13	-62.67	48.24	79.09	142	
C <sub>Ma</sub>	55.66	-29.14	-31.99	43.27	228	
V <sub>Ma</sub>	17.15	50.3	-59.04	77.57	310	
M <sub>Ma</sub>	40.37	78.64	-33.5	85.48	337	
N <sub>Ma</sub>	11.58	0.0	0.0	0.0	0	
W <sub>Ma</sub>	95.02	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>: 38 60 44

LAD\*LCII\* 38 54 36

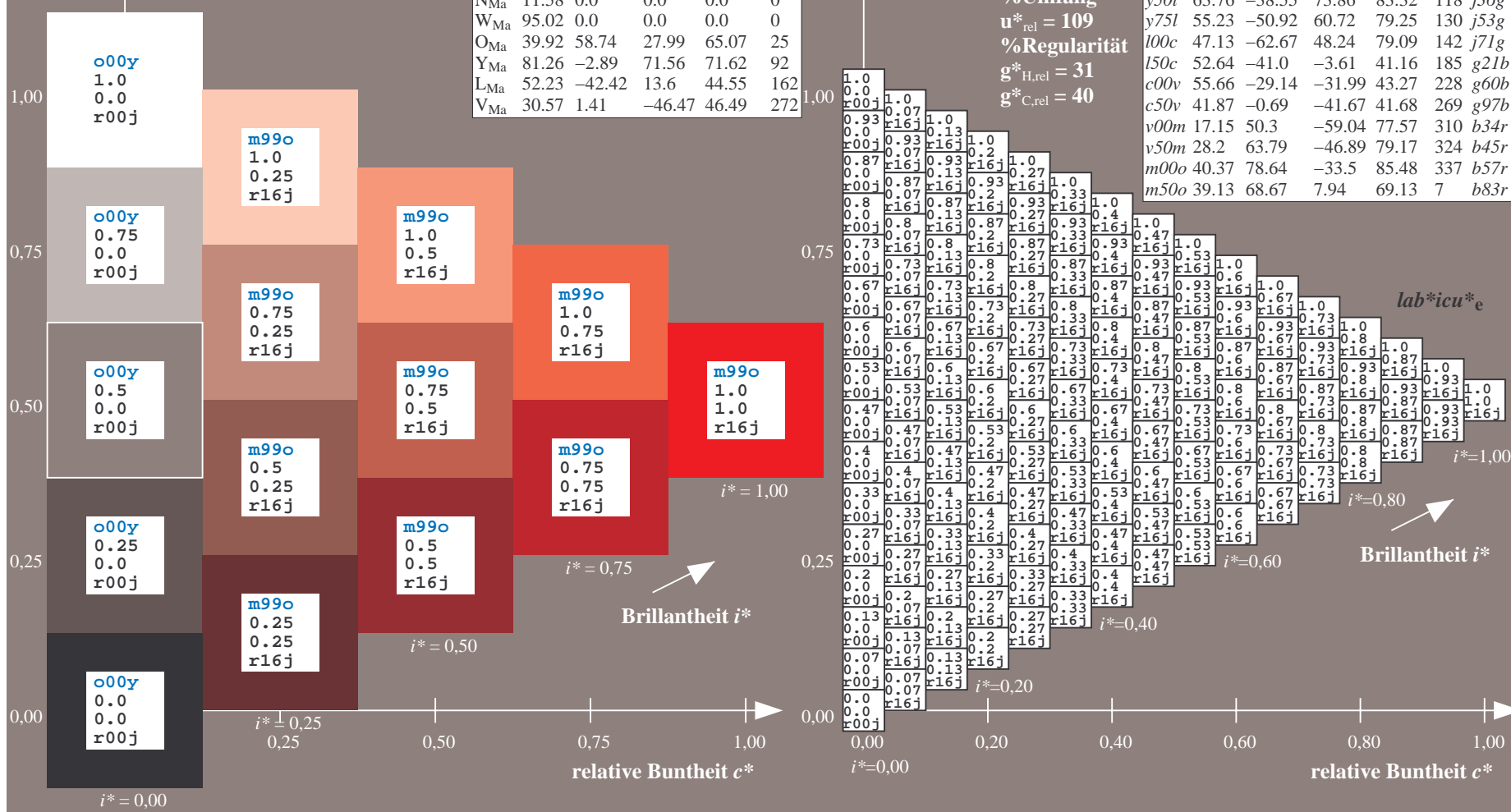
**LAB\*LCH\*Ma: 38 74 3**

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

*lab\*rgb\*\_Ma: 1.0 0.16 0.0*

### Dreiecks-Helligkeit $t^*$

FRS12_95a; adaptierte CIELAB-Daten							
$u_d^*$	$L^*=L_a^*$	$a_a^*$	$b_a^*$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u_e^*$	
<i>o00y</i>	38.06	60.0	44.0	74.4	36	<i>r16j</i>	
<i>o25y</i>	47.68	47.13	56.9	73.88	50	<i>r37j</i>	
<i>o50y</i>	57.77	33.62	70.44	78.05	64	<i>r58j</i>	
<i>o75y</i>	69.84	17.48	86.62	88.37	79	<i>r79j</i>	
<i>y00l</i>	86.77	-5.17	109.32	109.44	93	<i>j01g</i>	
<i>y25l</i>	73.71	-24.12	89.19	92.39	105	<i>j18g</i>	
<i>y50l</i>	63.76	-38.55	73.86	83.32	118	<i>j36g</i>	
<i>y75l</i>	55.23	-50.92	60.72	79.25	130	<i>j53g</i>	
<i>l00c</i>	47.13	-62.67	48.24	79.09	142	<i>j71g</i>	
<i>l50c</i>	52.64	-41.0	-3.61	41.16	185	<i>g21b</i>	
<i>c00v</i>	55.66	-29.14	-31.99	43.27	228	<i>g60b</i>	
<i>c50v</i>	41.87	-0.69	-41.67	41.68	269	<i>g97b</i>	
<i>v00m</i>	17.15	50.3	-59.04	77.57	310	<i>b34r</i>	
<i>v50m</i>	28.2	63.79	-46.89	79.17	324	<i>b45r</i>	
<i>m00o</i>	40.37	78.64	-33.5	85.48	337	<i>b57r</i>	
<i>m50o</i>	39.13	68.67	7.94	69.13	7	<i>b83r</i>	



# BAM-Prüfvorlage Fg62; Relatives Geräte-Farbsystem

D65: Farbreihen, Datentabellen für 16 Bunttöne *o00y* l

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

oAusgabe:  $\rightarrow cmy0^* \text{ setcmykcolor}$

BAM-Registrierung: 20081001-Fg62/10L/L62g00NA.TXT/ .PS BAM-Material: Code=rha4ta  
Anwendung für Beurteilung und Messung von Drucker- oder Monitorsystemen



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS12\_95a, L\*=12\_95 für relative CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.14$

Daten für jede Farbe:

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

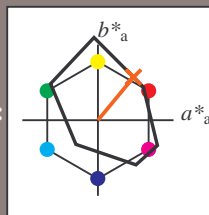
Bunttontexte:

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

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $i^*$



FRS12\_95a; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	38.06	60.0	44.0	74.4	36
Y <sub>Ma</sub>	86.77	-5.17	109.32	109.44	93
L <sub>Ma</sub>	47.13	-62.67	48.24	79.09	142
C <sub>Ma</sub>	55.66	-29.14	-31.99	43.27	228
V <sub>Ma</sub>	17.15	50.3	-59.04	77.57	310
M <sub>Ma</sub>	40.37	78.64	-33.5	85.48	337
N <sub>Ma</sub>	11.58	0.0	0.0	0.0	0
W <sub>Ma</sub>	95.02	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):

$LAB^*LAB^*_{Ma}$ : 48 47 57

$LAB^*LCH^*_{Ma}$ : 48 74 50

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

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

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 109$

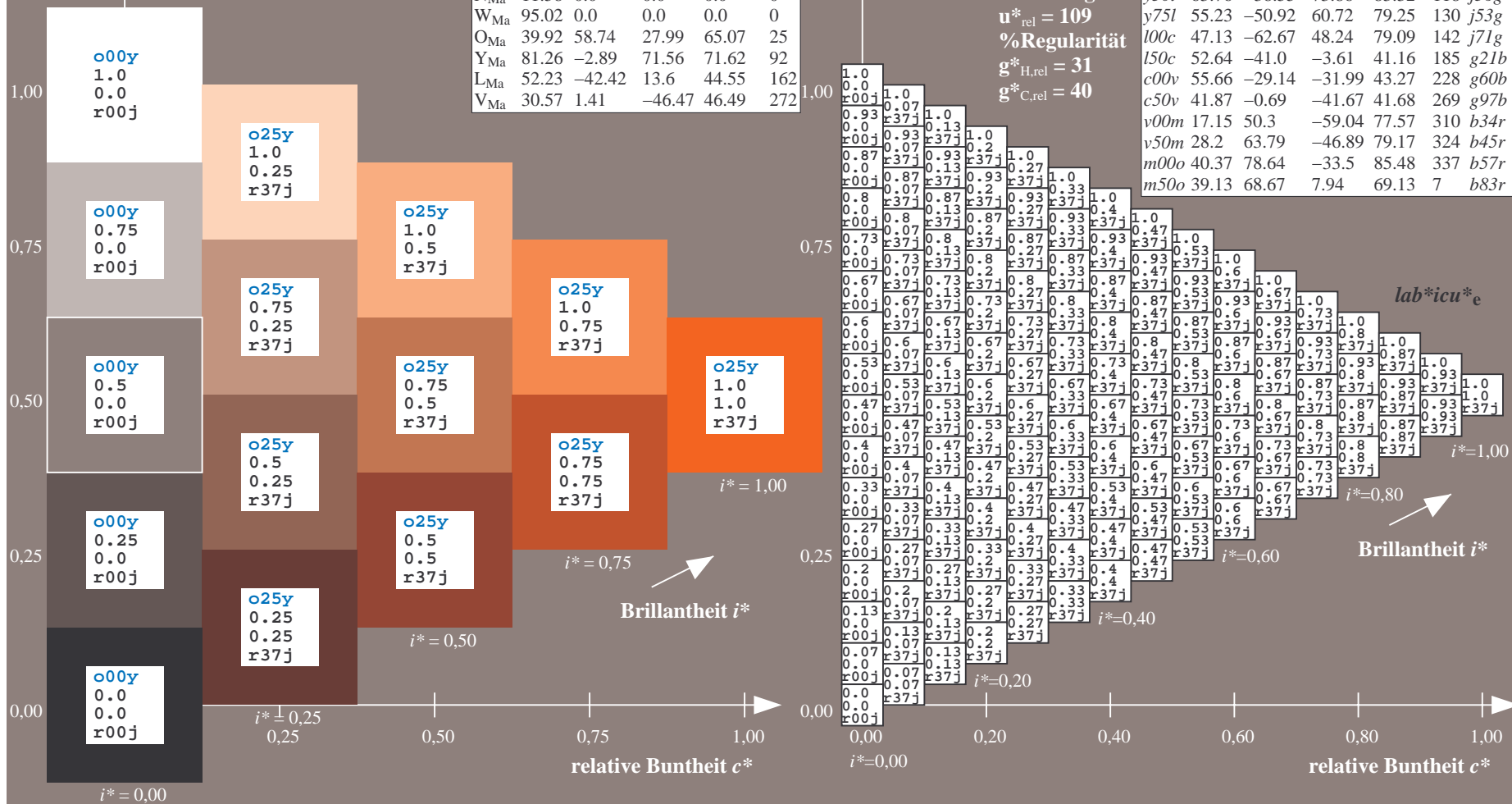
%Regularität

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

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

FRS12\_95a; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
o00y	38.06	60.0	44.0	74.4	36	r16j
o25y	47.68	47.13	56.9	73.88	50	r37j
o50y	57.77	33.62	70.44	78.05	64	r58j
o75y	69.84	17.48	86.62	88.37	79	r79j
y00l	86.77	-5.17	109.32	109.44	93	j01g
y25l	73.71	-24.12	89.19	92.39	105	j18g
y50l	63.76	-38.55	73.86	83.32	118	j36g
y75l	55.23	-50.92	60.72	79.25	130	j53g
l00c	47.13	-62.67	48.24	79.09	142	j71g
l50c	52.64	-41.0	-3.61	41.16	185	g21b
c00v	55.66	-29.14	-31.99	43.27	228	g60b
c50v	41.87	-0.69	-41.67	41.68	269	g97b
v00m	17.15	50.3	-59.04	77.57	310	b34r
v50m	28.2	63.79	-46.89	79.17	324	b45r
m00o	40.37	78.64	-33.5	85.48	337	b57r
m50o	39.13	68.67	7.94	69.13	7	b83r



Ein und Ausgabe: Farbmétrisches Drucker-Reflektiv-System FRS12\_95a,  $L^*=12_95$  für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.179$   $u^*_d = 0.50y$

### Daten für jede Farbe:

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

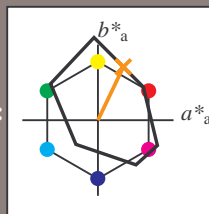
### Bunttexte:

$$u_d^* = 0.50v \quad u_e^* = 0.58j$$

**Kontrastreduzierungsfaktor:**

 $c_p = 1.0$ 

## K Dreiecks-Helligkeit $t^*$



FRS12_95a; adaptierte CIELAB-Daten						
	$u^*_d$	$L^*-L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	38.06	60.0		44.0	74.4	36
Y <sub>Ma</sub>	86.77	-5.17		109.32	109.44	93
L <sub>Ma</sub>	47.13	-62.67		48.24	79.09	142
C <sub>Ma</sub>	55.66	-29.14		-31.99	43.27	228
V <sub>Ma</sub>	17.15	50.3		-59.04	77.57	310
M <sub>Ma</sub>	40.37	78.64		-33.5	85.48	337
N <sub>Ma</sub>	11.58	0.0	0.0	0.0	0.0	0
W <sub>Ma</sub>	95.02	0.0	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\*Me*: 58 34 70

LAD\*LCII\* 58 58 64

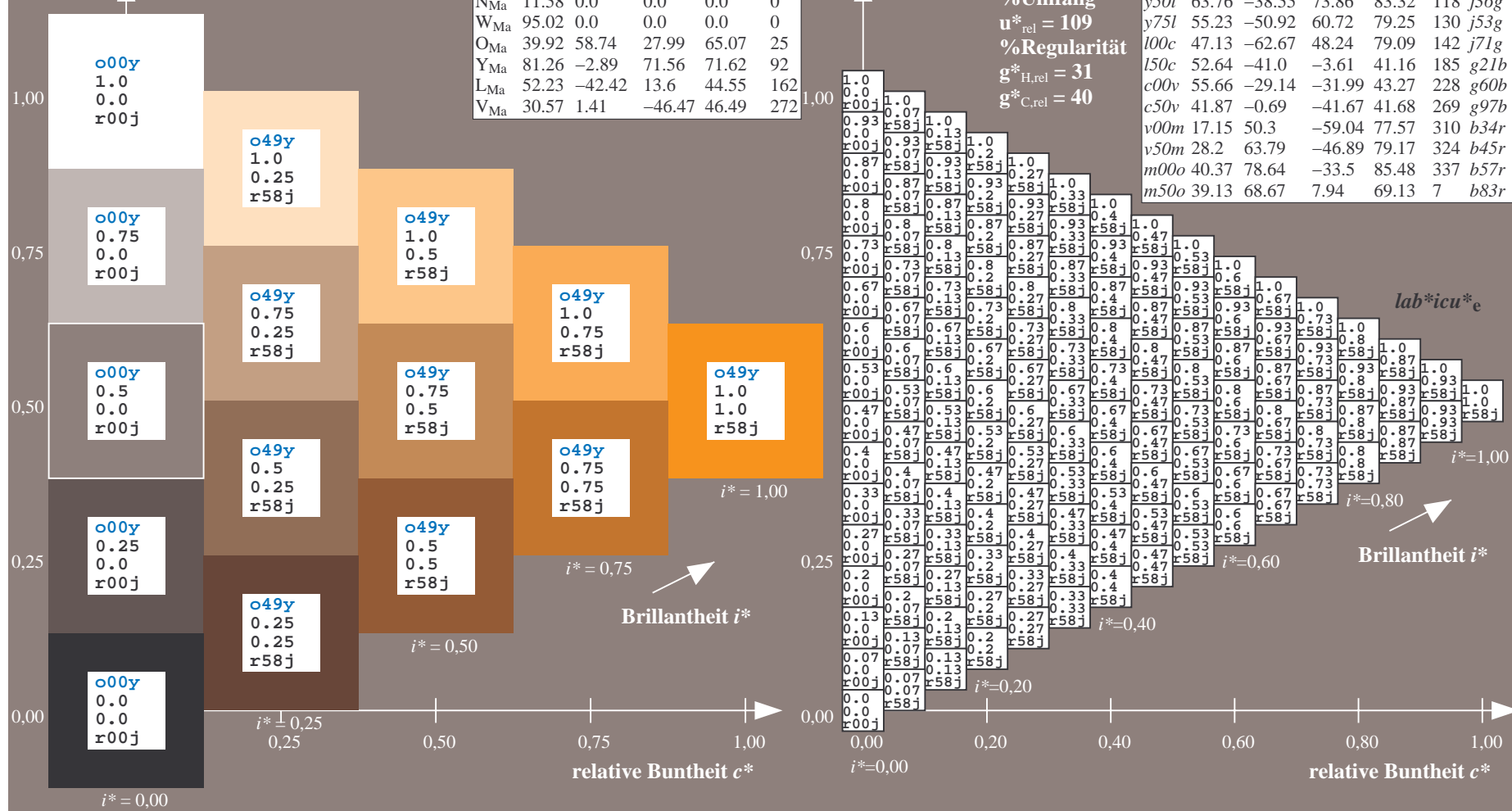
***LAB\*LCH*\*<sub>Ma</sub>: 58 78 6**

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

*lab\*rgb*<sub>Ma</sub>: 1.0 0.58 0.0

### Dreiecks-Helligkeit $t^*$

FRS12_95a; adaptierte CIELAB-Daten							
$u_d^*$	$L^*=L_a^*$	$a_a^*$	$b_a^*$	$C_{ab,a}^*$	$h_{ab,a}^*$	$u_e^*$	
<i>o00y</i>	38.06	60.0	44.0	74.4	36	<i>r16j</i>	
<i>o25y</i>	47.68	47.13	56.9	73.88	50	<i>r37j</i>	
<i>o50y</i>	57.77	33.62	70.44	78.05	64	<i>r58j</i>	
<i>o75y</i>	69.84	17.48	86.62	88.37	79	<i>r79j</i>	
<i>y00l</i>	86.77	-5.17	109.32	109.44	93	<i>j01g</i>	
<i>y25l</i>	73.71	-24.12	89.19	92.39	105	<i>j18g</i>	
<i>y50l</i>	63.76	-38.55	73.86	83.32	118	<i>j36g</i>	
<i>y75l</i>	55.23	-50.92	60.72	79.25	130	<i>j53g</i>	
<i>l00c</i>	47.13	-62.67	48.24	79.09	142	<i>j71g</i>	
<i>l50c</i>	52.64	-41.0	-3.61	41.16	185	<i>g21b</i>	
<i>c00v</i>	55.66	-29.14	-31.99	43.27	228	<i>g60b</i>	
<i>c50v</i>	41.87	-0.69	-41.67	41.68	269	<i>g97b</i>	
<i>v00m</i>	17.15	50.3	-59.04	77.57	310	<i>b34r</i>	
<i>v50m</i>	28.2	63.79	-46.89	79.17	324	<i>b45r</i>	
<i>m00o</i>	40.37	78.64	-33.5	85.48	337	<i>b57r</i>	
<i>m50o</i>	39.13	68.67	7.94	69.13	7	<i>b83r</i>	



## BAM-Prüfvorlage Fg62; Relatives Geräte-Farbsystem

D65: Farbreihen, Datentabellen für 16 Bunttöne 000y l

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

!oAusgabe: ->cmy0\* setcmykcolor

Ein und Ausgabe: Farbmétrisches Drucker-Reflektiv-System FRS12\_95a,  $L^*=12_95$  für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.218$   $u^*_d = 0.75y$

### Daten für jede Farbe:

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

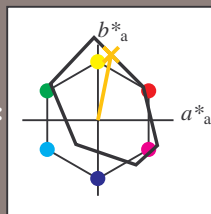
### Bunttexte:

$$u_d^* = 0.75y \quad u_e^* = 0.79j$$

**Kontrastreduzierungsfaktor:**

 $c_R = 1.0$ 

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



FRS12_95a; adaptierte CIELAB-Daten						
$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	
O <sub>Ma</sub>	38.06	60.0	44.0	74.4	36	
Y <sub>Ma</sub>	86.77	-5.17	109.32	109.44	93	
L <sub>Ma</sub>	47.13	-62.67	48.24	79.09	142	
C <sub>Ma</sub>	55.66	-29.14	-31.99	43.27	228	
V <sub>Ma</sub>	17.15	50.3	-59.04	77.57	310	
M <sub>Ma</sub>	40.37	78.64	-33.5	85.48	337	
N <sub>Ma</sub>	11.58	0.0	0.0	0.0	0	
W <sub>Ma</sub>	95.02	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>: 70 17 87

*LAB\*LCH\**M<sub>2</sub>: 70 88 78

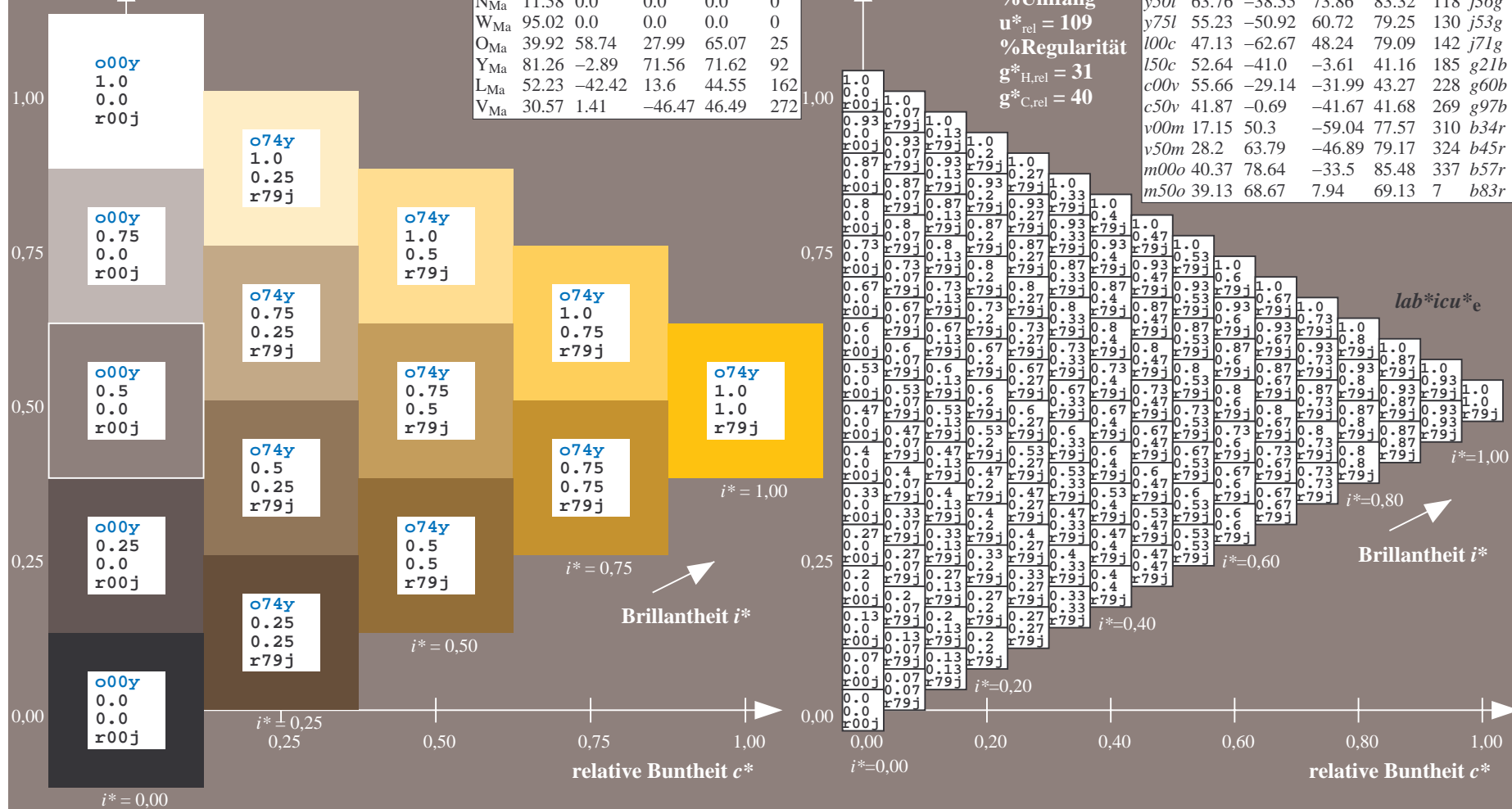
*lab\*lch\**<sub>Ma</sub>: 70 88 78  
*lab\*alb\**<sub>Ma</sub>: 1.0 0.75 0.0

*lab\*olv\**Ma: 1.0 0.75 0.0

*lab\*rgb\*\_Ma: 1.0 0.79 0.0*

### Dreiecks-Helligkeit $t^*$

FRS12_95a; adaptierte CIELAB-Daten							
$u_d^*$	$L^*=L_a^*$	$a_a^*$	$b_a^*$	$C_{ab,a}^*$	$h_{ab,a}^*$	$u_e^*$	
<i>o00y</i>	38.06	60.0	44.0	74.4	36	<i>r16j</i>	
<i>o25y</i>	47.68	47.13	56.9	73.88	50	<i>r37j</i>	
<i>o50y</i>	57.77	33.62	70.44	78.05	64	<i>r58j</i>	
<i>o75y</i>	69.84	17.48	86.62	88.37	79	<i>r79j</i>	
<i>y00l</i>	86.77	-5.17	109.32	109.44	93	<i>j01g</i>	
<i>y25l</i>	73.71	-24.12	89.19	92.39	105	<i>j18g</i>	
<i>y50l</i>	63.76	-38.55	73.86	83.32	118	<i>j36g</i>	
<i>y75l</i>	55.23	-50.92	60.72	79.25	130	<i>j53g</i>	
<i>l00c</i>	47.13	-62.67	48.24	79.09	142	<i>j71g</i>	
<i>l50c</i>	52.64	-41.0	-3.61	41.16	185	<i>g21b</i>	
<i>c00v</i>	55.66	-29.14	-31.99	43.27	228	<i>g60b</i>	
<i>c50v</i>	41.87	-0.69	-41.67	41.68	269	<i>g97b</i>	
<i>v00m</i>	17.15	50.3	-59.04	77.57	310	<i>b34r</i>	
<i>v50m</i>	28.2	63.79	-46.89	79.17	324	<i>b45r</i>	
<i>m00o</i>	40.37	78.64	-33.5	85.48	337	<i>b57r</i>	
<i>m50o</i>	39.13	68.67	7.94	69.13	7	<i>b83r</i>	



# BAM-Prüfvorlage Fg62; Relatives Geräte-Farbsystem

D65: Farbreihen, Datentabellen für 16 Bunttöne  $000y$  l

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

!Ausgabe: ->cmy0\* setcmykcolor

Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS12\_95a, L\*=12\_95 für relative CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.258$   $u^*_d = y00l$ 

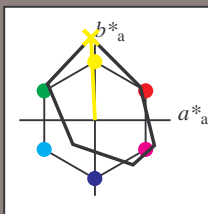
Daten für jede Farbe:

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

Bunttontexte:

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

Kontrastreduzierungsfaktor:

 $c_R = 1.0$ Dreiecks-Helligkeit  $i^*$ 

FRS12\_95a; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	38.06	60.0	44.0	74.4	36
Y <sub>Ma</sub>	86.77	-5.17	109.32	109.44	93
L <sub>Ma</sub>	47.13	-62.67	48.24	79.09	142
C <sub>Ma</sub>	55.66	-29.14	-31.99	43.27	228
V <sub>Ma</sub>	17.15	50.3	-59.04	77.57	310
M <sub>Ma</sub>	40.37	78.64	-33.5	85.48	337
N <sub>Ma</sub>	11.58	0.0	0.0	0.0	0
W <sub>Ma</sub>	95.02	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):

 $LAB^*LAB^*_{Ma}$ : 87 -5 109 $LAB^*LCH^*_{Ma}$ : 87 109 92 $lab^*olv^*_{Ma}$ : 1.0 1.0 0.0 $lab^*rgb^*_{Ma}$ : 0.99 1.0 0.0Dreiecks-Helligkeit  $i^*$ 

%Umfang

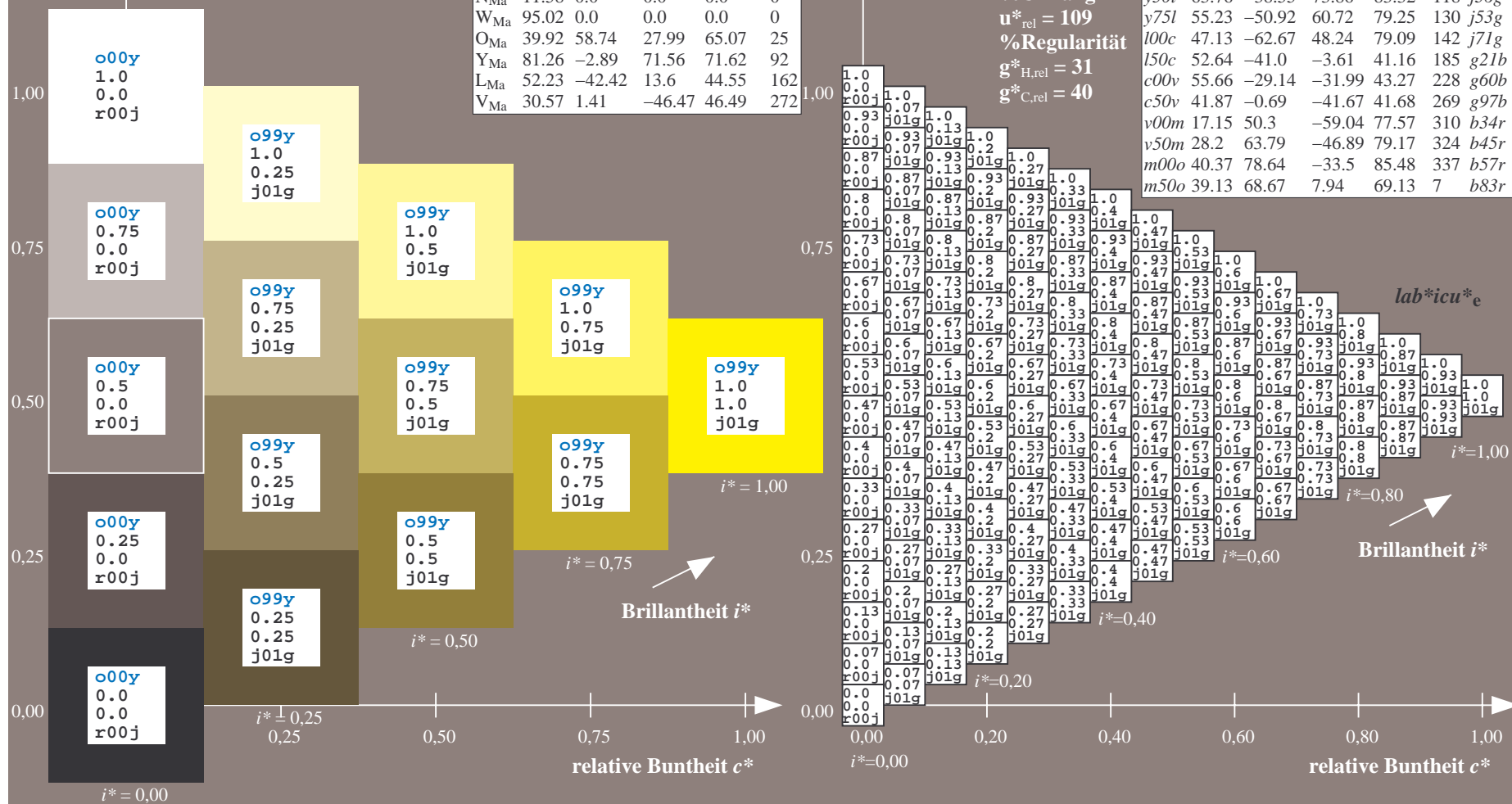
 $u^*_{rel} = 109$ 

%Regularität

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

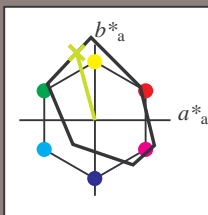
FRS12\_95a; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
o00y	38.06	60.0	44.0	74.4	36	r16j
o25y	47.68	47.13	56.9	73.88	50	r37j
o50y	57.77	33.62	70.44	78.05	64	r58j
o75y	69.84	17.48	86.62	88.37	79	r79j
y00l	86.77	-5.17	109.32	109.44	93	j01g
y25l	73.71	-24.12	89.19	92.39	105	j18g
y50l	63.76	-38.55	73.86	83.32	118	j36g
y75l	55.23	-50.92	60.72	79.25	130	j53g
l00c	47.13	-62.67	48.24	79.09	142	j71g
l50c	52.64	-41.0	-3.61	41.16	185	g21b
c00v	55.66	-29.14	-31.99	43.27	228	g60b
c50v	41.87	-0.69	-41.67	41.68	269	g97b
v00m	17.15	50.3	-59.04	77.57	310	b34r
v50m	28.2	63.79	-46.89	79.17	324	b45r
m00o	40.37	78.64	-33.5	85.48	337	b57r
m50o	39.13	68.67	7.94	69.13	7	b83r





Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS12\_95a, L\*=12\_95 für relative CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.292$   $u^*_d = y25l$   
Daten für jede Farbe:  
 $lab^*ch^*$  und  $lab^*icu^*$   
Bunttontexte:  
 $u^*_d = y25l$   $u^*_e = j18g$   
Kontrastreduzierungsfaktor:  
 $c_R = 1.0$   
Dreiecks-Helligkeit  $i^*$



FRS12_95a; adaptierte CIELAB-Daten						
$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	
O <sub>Ma</sub>	38.06	60.0	44.0	74.4	36	
Y <sub>Ma</sub>	86.77	-5.17	109.32	109.44	93	
L <sub>Ma</sub>	47.13	-62.67	48.24	79.09	142	
C <sub>Ma</sub>	55.66	-29.14	-31.99	43.27	228	
V <sub>Ma</sub>	17.15	50.3	-59.04	77.57	310	
M <sub>Ma</sub>	40.37	78.64	-33.5	85.48	337	
N <sub>Ma</sub>	11.58	0.0	0.0	0.0	0	
W <sub>Ma</sub>	95.02	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):

$LAB^*LAB^*_{Ma}$ : 74 -24 89

$LAB^*LCH^*_{Ma}$ : 74 92 105

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

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

Dreiecks-Helligkeit  $i^*$

%Umfang

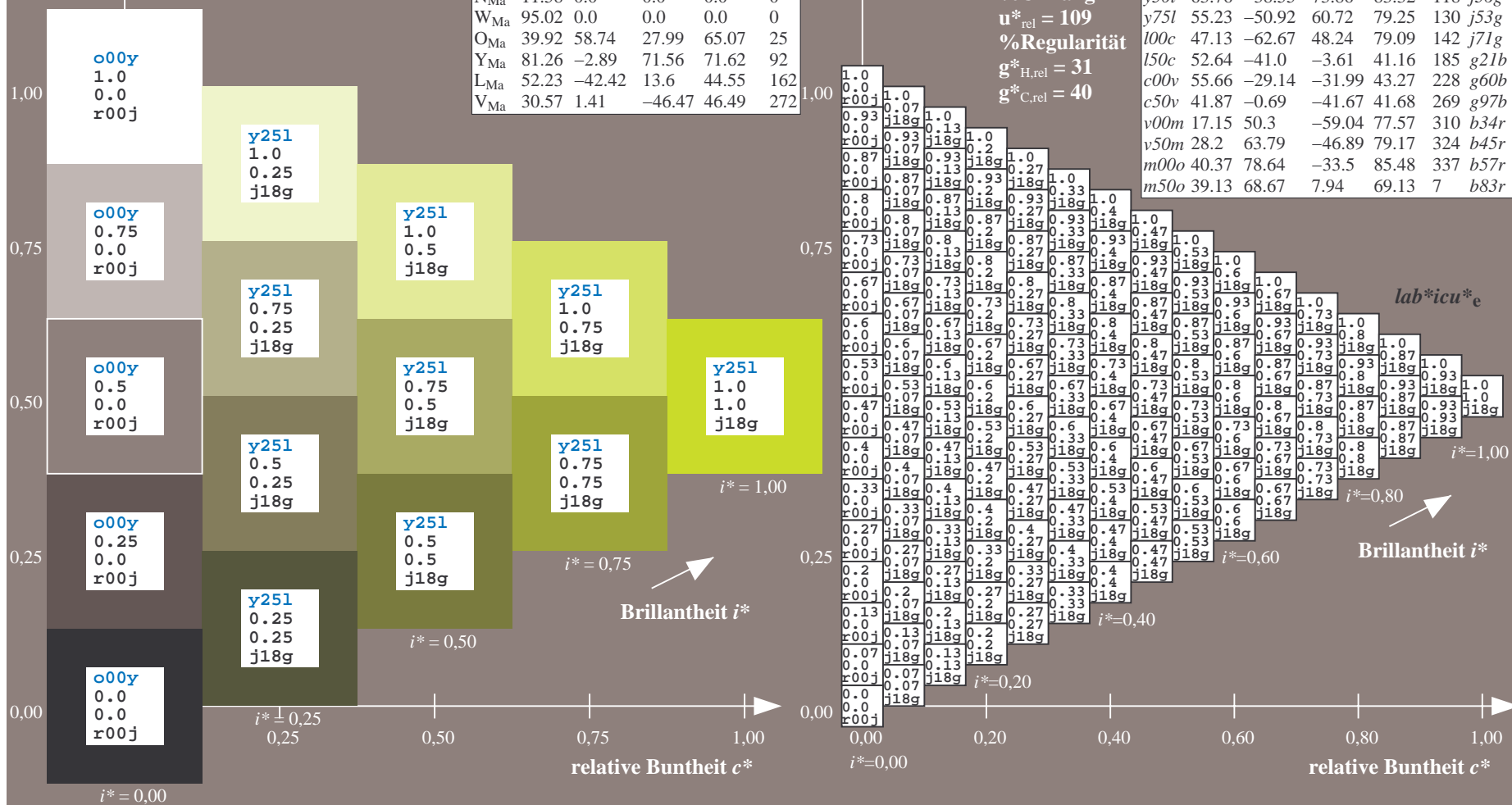
$u^*_{rel} = 109$

%Regularität

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

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

FRS12_95a; adaptierte CIELAB-Daten						
$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
o00y	38.06	60.0	44.0	74.4	36	r16j
o25y	47.68	47.13	56.9	73.88	50	r37j
o50y	57.77	33.62	70.44	78.05	64	r58j
o75y	69.84	17.48	86.62	88.37	79	r79j
y00l	86.77	-5.17	109.32	109.44	93	j01g
y25l	73.71	-24.12	89.19	92.39	105	j18g
y50l	63.76	-38.55	73.86	83.32	118	j36g
y75l	55.23	-50.92	60.72	79.25	130	j53g
l00c	47.13	-62.67	48.24	79.09	142	j71g
l50c	52.64	-41.0	-3.61	41.16	185	g21b
c00v	55.66	-29.14	-31.99	43.27	228	g60b
c50v	41.87	-0.69	-41.67	41.68	269	g97b
v00m	17.15	50.3	-59.04	77.57	310	b34r
v50m	28.2	63.79	-46.89	79.17	324	b45r
m00o	40.37	78.64	-33.5	85.48	337	b57r
m50o	39.13	68.67	7.94	69.13	7	b83r



### Daten für jede Farbe:

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

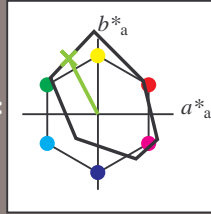
### Bunttontexte:

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

### Kontrastreduzierungsfaktor:

$$c_R = 1.0$$

### Dreiecks-Helligkeit $t^*$



FRS12_95a; adaptierte CIELAB-Daten						
$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	
O <sub>Ma</sub>	38.06	60.0	44.0	74.4	36	
Y <sub>Ma</sub>	86.77	-5.17	109.32	109.44	93	
L <sub>Ma</sub>	47.13	-62.67	48.24	79.09	142	
C <sub>Ma</sub>	55.66	-29.14	-31.99	43.27	228	
V <sub>Ma</sub>	17.15	50.3	-59.04	77.57	310	
M <sub>Ma</sub>	40.37	78.64	-33.5	85.48	337	
N <sub>Ma</sub>	11.58	0.0	0.0	0.0	0	
W <sub>Ma</sub>	95.02	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\**M<sub>2</sub>: 64 -39 74

*LAB\*ICH\** : : 64 83 117

**LAB<sup>+</sup>LCH<sup>+</sup>Ma: 04 85 1**  
Lab: Lab: 05 10 00

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

*lab\*rgb*<sub>Ma</sub>: 0.64 1.0 0.0

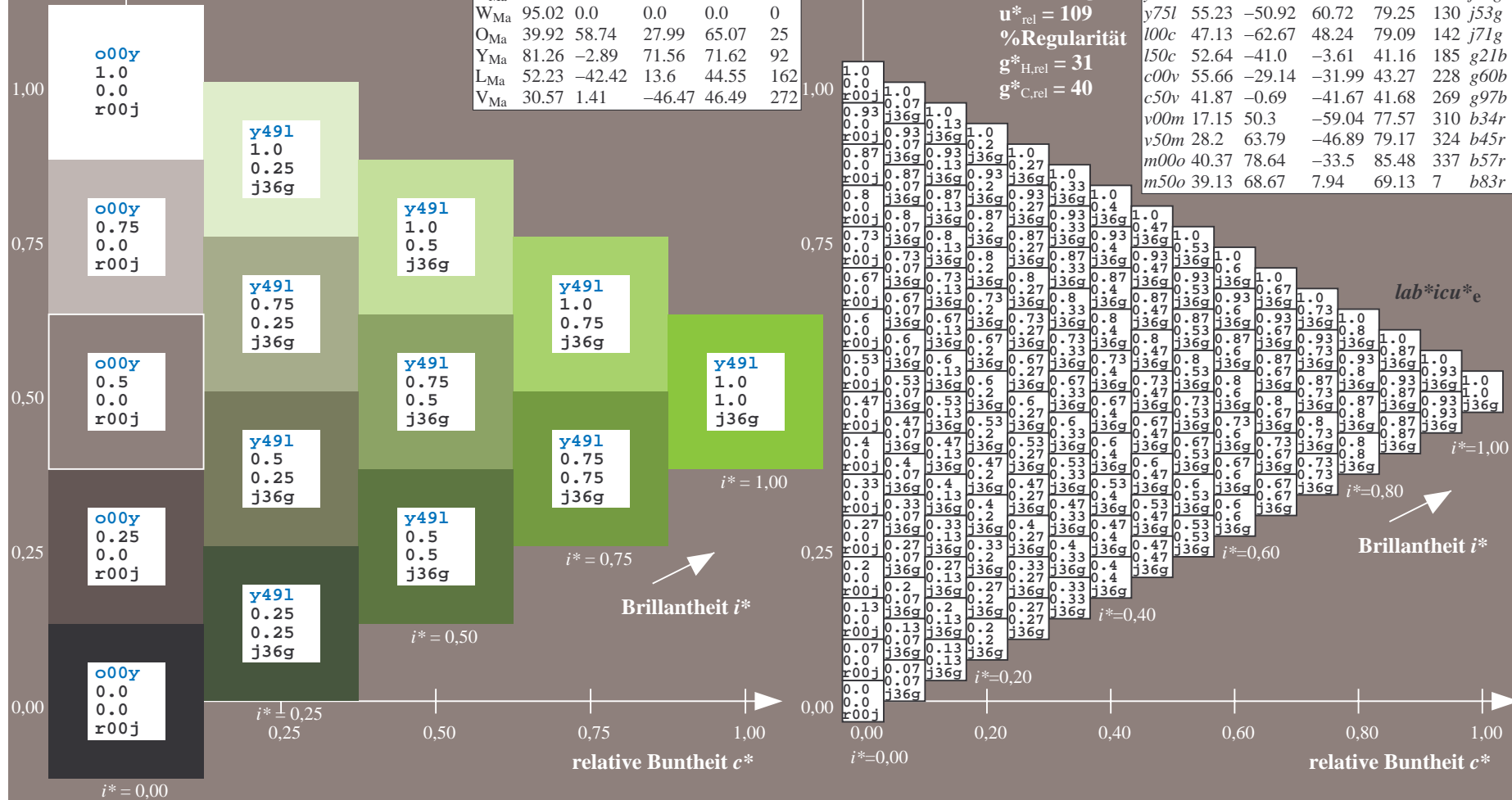
### Dreiecks-Helligkeit $t^*$

FRS12_95a; adaptierte CIELAB-Daten							
$u_d^*$	$L^*=L_a^*$	$a_a^*$	$b_a^*$	$C_{ab,a}^*$	$h_{ab,a}^*$	$u_e^*$	
<i>o00y</i>	38.06	60.0	44.0	74.4	36	<i>r16j</i>	
<i>o25y</i>	47.68	47.13	56.9	73.88	50	<i>r37j</i>	
<i>o50y</i>	57.77	33.62	70.44	78.05	64	<i>r58j</i>	
<i>o75y</i>	69.84	17.48	86.62	88.37	79	<i>r79j</i>	
<i>y00l</i>	86.77	-5.17	109.32	109.44	93	<i>j01g</i>	
<i>y25l</i>	73.71	-24.12	89.19	92.39	105	<i>j18g</i>	
<i>y50l</i>	63.76	-38.55	73.86	83.32	118	<i>j36g</i>	
<i>y75l</i>	55.23	-50.92	60.72	79.25	130	<i>j53g</i>	
<i>l00c</i>	47.13	-62.67	48.24	79.09	142	<i>j71g</i>	
<i>l50c</i>	52.64	-41.0	-3.61	41.16	185	<i>g21b</i>	
<i>c00v</i>	55.66	-29.14	-31.99	43.27	228	<i>g60b</i>	
<i>c50v</i>	41.87	-0.69	-41.67	41.68	269	<i>g97b</i>	
<i>v00m</i>	17.15	50.3	-59.04	77.57	310	<i>b34r</i>	
<i>v50m</i>	28.2	63.79	-46.89	79.17	324	<i>b45r</i>	
<i>m00o</i>	40.37	78.64	-33.5	85.48	337	<i>b57r</i>	
<i>m50o</i>	39.13	68.67	7.94	69.13	7	<i>b83r</i>	

### %Umfang

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

### %Regularität

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


# BAM-Prüfvorlage Fg62; Relatives Geräte-Farbsystem

D65: Farbreihen, Datentabellen für 16 Bunttöne  $o00y$  l

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

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

Ein und Ausgabe: Farbmétrisches Drucker-Reflektiv-System FRS12\_95a,  $L^*=12_95$  für relativen CIELAB-Buntton  $h^* = \frac{lab^*h^*}{h_{ab}/360} = 0.361$   $u^*_d = y75l$

### Daten für jede Farbe:

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

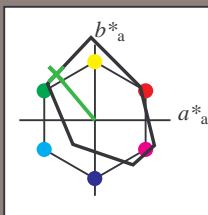
### Bunttexte:

$$u_d^* = y75l \quad u_e^* = j53g$$

**Kontrastreduzierungsfaktor:**

 $c_R = 1.0$ 

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



FRS12_95a; adaptierte CIELAB-Daten						
$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	
O <sub>Ma</sub>	38.06	60.0	44.0	74.4	36	
Y <sub>Ma</sub>	86.77	-5.17	109.32	109.44	93	
L <sub>Ma</sub>	47.13	-62.67	48.24	79.09	142	
C <sub>Ma</sub>	55.66	-29.14	-31.99	43.27	228	
V <sub>Ma</sub>	17.15	50.3	-59.04	77.57	310	
M <sub>Ma</sub>	40.37	78.64	-33.5	85.48	337	
N <sub>Ma</sub>	11.58	0.0	0.0	0.0	0	
W <sub>Ma</sub>	95.02	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>: 55 –51 61

**LAB\*LCH\*Ma: 55 79 129**

*lab\*<sub>lch</sub>\*<sub>Ma</sub>*: 55 79 12  
*lab\*<sub>ch</sub>\*<sub>Ma</sub>*: 0.25 1.0 0.0

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

*lab\*rgb\*\_Ma: 0.46 1.0 0.0*

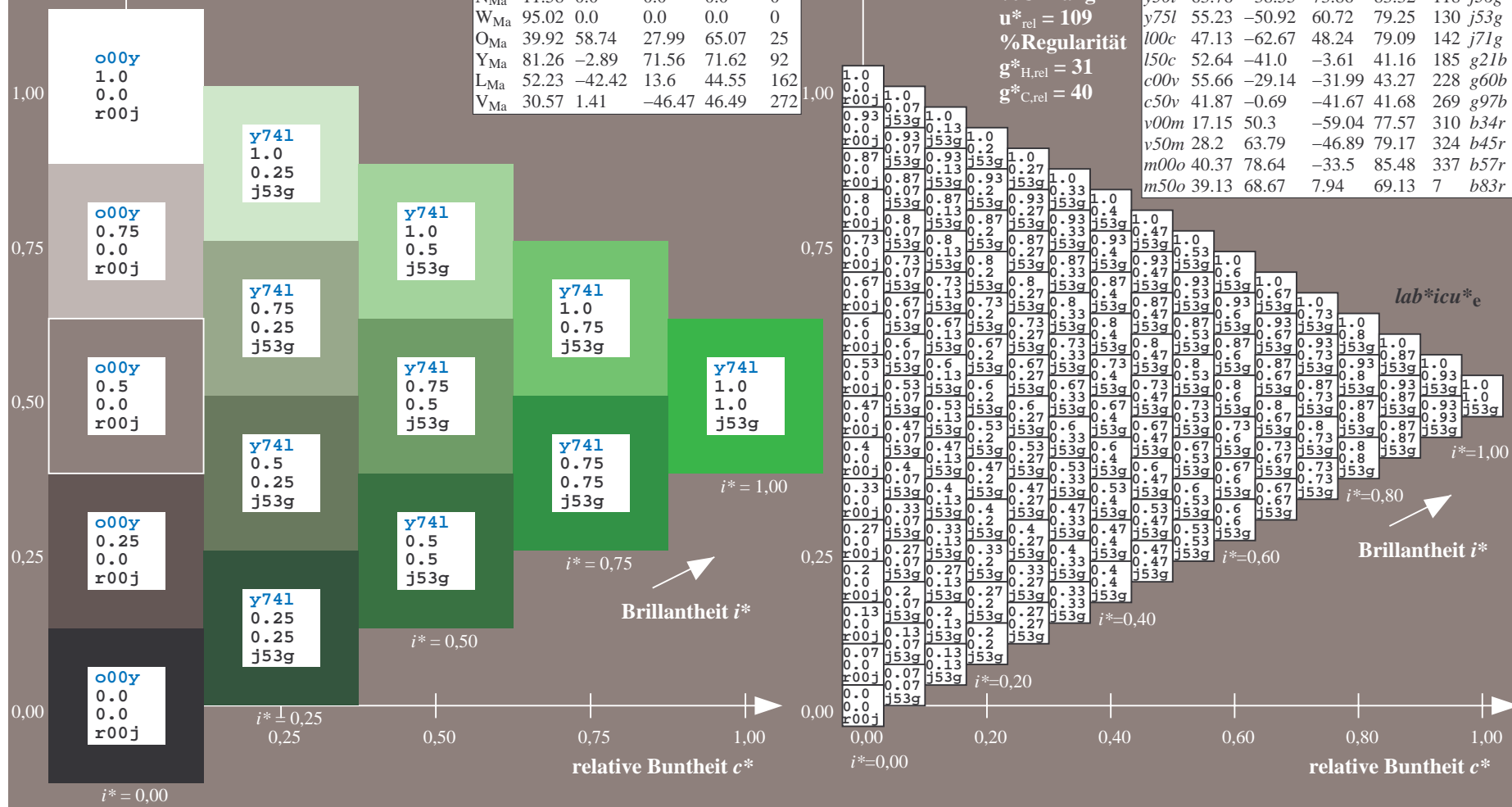
### Dreiecks-Helligkeit $t^*$

FRS12_95a; adaptierte CIELAB-Daten							
$u_d^*$	$L^*=L_a^*$	$a_a^*$	$b_a^*$	$C_{ab,a}^*$	$h_{ab,a}^*$	$u_e^*$	
<i>o00y</i>	38.06	60.0	44.0	74.4	36	<i>r16j</i>	
<i>o25y</i>	47.68	47.13	56.9	73.88	50	<i>r37j</i>	
<i>o50y</i>	57.77	33.62	70.44	78.05	64	<i>r58j</i>	
<i>o75y</i>	69.84	17.48	86.62	88.37	79	<i>r79j</i>	
<i>y00l</i>	86.77	-5.17	109.32	109.44	93	<i>j01g</i>	
<i>y25l</i>	73.71	-24.12	89.19	92.39	105	<i>j18g</i>	
<i>y50l</i>	63.76	-38.55	73.86	83.32	118	<i>j36g</i>	
<i>y75l</i>	55.23	-50.92	60.72	79.25	130	<i>j53g</i>	
<i>l00c</i>	47.13	-62.67	48.24	79.09	142	<i>j71g</i>	
<i>l50c</i>	52.64	-41.0	-3.61	41.16	185	<i>g21b</i>	
<i>c00v</i>	55.66	-29.14	-31.99	43.27	228	<i>g60b</i>	
<i>c50v</i>	41.87	-0.69	-41.67	41.68	269	<i>g97b</i>	
<i>v00m</i>	17.15	50.3	-59.04	77.57	310	<i>b34r</i>	
<i>v50m</i>	28.2	63.79	-46.89	79.17	324	<i>b45r</i>	
<i>m00o</i>	40.37	78.64	-33.5	85.48	337	<i>b57r</i>	
<i>m50o</i>	39.13	68.67	7.94	69.13	7	<i>b83r</i>	

**%Umfang**

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

### %Regularität

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


# BAM-Prüfvorlage Fg62; Relatives Geräte-Farbsystem

D65: Farbreihen, Datentabellen für 16 Bunttöne

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

!oAusgabe:  $\rightarrow cmy0^* \text{ setcmykcolor}$

BAM-Registrierung: 20081001-Fg62/10L/L62g00NA.TXT/ .PS BAM-Material: Code=rha4ta  
Anwendung für Beurteilung und Messung von Drucker- oder Monitorsystemen





### Daten für jede Farbe:

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

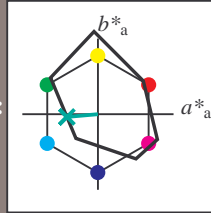
## Bunttontexte:

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

### Kontrastreduzierungsfaktor:

 $c_R = 1.0$ 

### Dreiecks-Helligkeit $t^*$



FRS12_95a; adaptierte CIELAB-Daten						
$u_d^*$	$L^*=L_a^*$	$a_a^*$	$b_a^*$	$C_{ab,a}^*$	$h_{ab,a}^*$	
O <sub>Ma</sub>	38.06	60.0	44.0	74.4	36	
Y <sub>Ma</sub>	86.77	-5.17	109.32	109.44	93	
L <sub>Ma</sub>	47.13	-62.67	48.24	79.09	142	
C <sub>Ma</sub>	55.66	-29.14	-31.99	43.27	228	
V <sub>Ma</sub>	17.15	50.3	-59.04	77.57	310	
M <sub>Ma</sub>	40.37	78.64	-33.5	85.48	337	
N <sub>Ma</sub>	11.58	0.0	0.0	0.0	0	
W <sub>Ma</sub>	95.02	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>: 53 -41 -4**

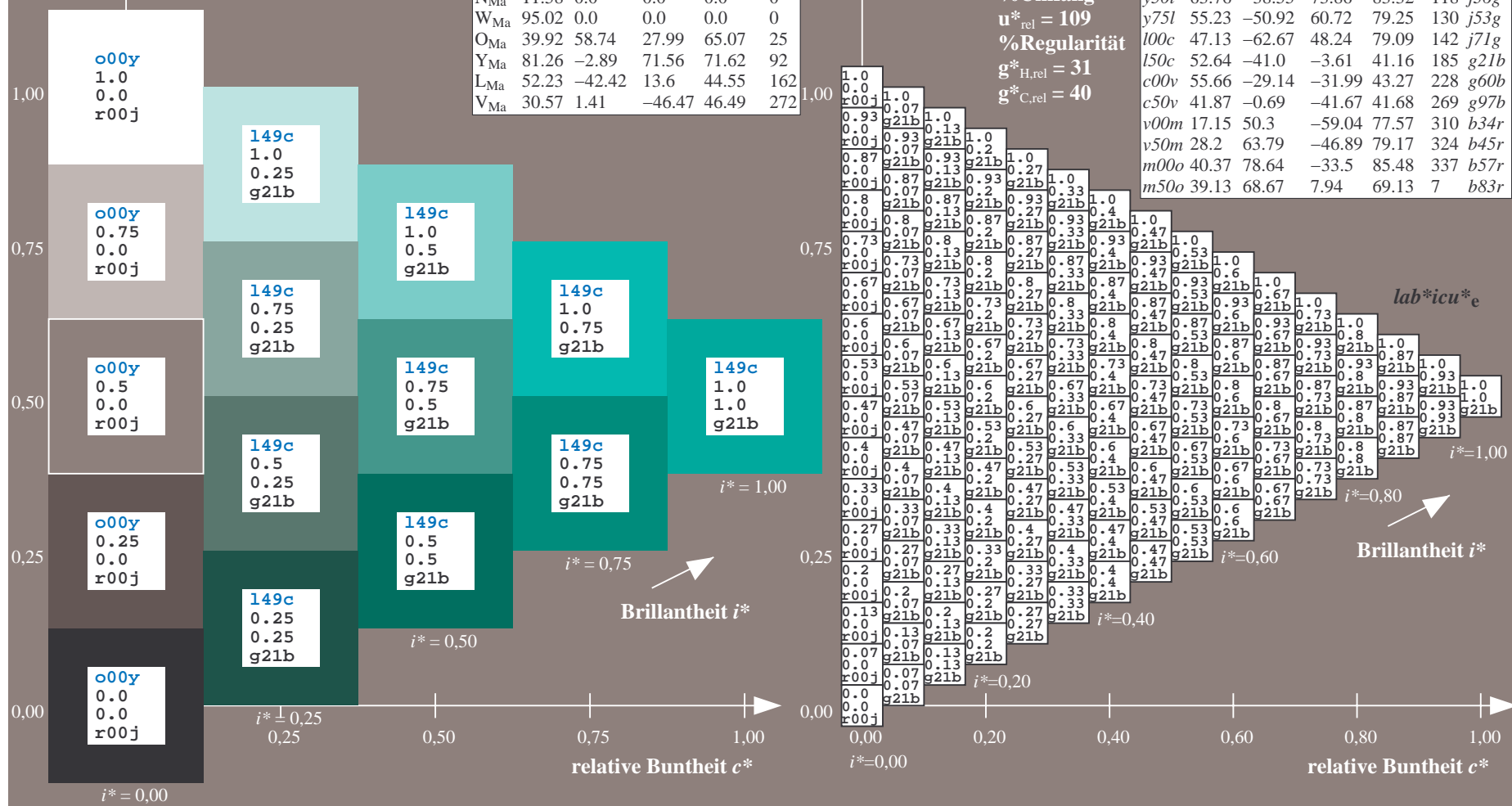
*LAB\*LCH\**<sub>M<sub>2</sub></sub>: 53 41 185

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

*lab\*ol\**<sub>Ma</sub>: 0.0 1.0 0.5  
*lab\*rg\**<sub>Ma</sub>: 0.0 1.0 0.4

**Dreiecks-Helligkeit  $t^*$**

FRS12_95a; adaptierte CIELAB-Daten						
$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
<i>o00y</i>	38.06	60.0	44.0	74.4	36	<i>r16j</i>
<i>o25y</i>	47.68	47.13	56.9	73.88	50	<i>r37j</i>
<i>o50y</i>	57.77	33.62	70.44	78.05	64	<i>r58j</i>
<i>o75y</i>	69.84	17.48	86.62	88.37	79	<i>r79j</i>
<i>y00l</i>	86.77	-5.17	109.32	109.44	93	<i>j01g</i>
<i>y25l</i>	73.71	-24.12	89.19	92.39	105	<i>j18g</i>
<i>y50l</i>	63.76	-38.55	73.86	83.32	118	<i>j36g</i>
<i>y75l</i>	55.23	-50.92	60.72	79.25	130	<i>j53g</i>
<i>l00c</i>	47.13	-62.67	48.24	79.09	142	<i>j71g</i>
<i>l50c</i>	52.64	-41.0	-3.61	41.16	185	<i>g21b</i>
<i>c00v</i>	55.66	-29.14	-31.99	43.27	228	<i>g60b</i>
<i>c50v</i>	41.87	-0.69	-41.67	41.68	269	<i>g97b</i>
<i>v00m</i>	17.15	50.3	-59.04	77.57	310	<i>b34r</i>
<i>v50m</i>	28.2	63.79	-46.89	79.17	324	<i>b45r</i>
<i>m00o</i>	40.37	78.64	-33.5	85.48	337	<i>b57r</i>
<i>m50o</i>	39.13	68.67	7.94	69.13	7	<i>b83r</i>



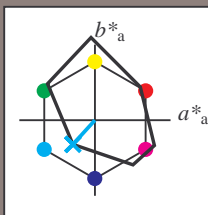
# BAM-Prüfvorlage Fg62; Relatives Geräte-Farbsystem

D65: Farbreihen, Datentabellen für 16 Bunttöne 000y l

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

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

Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS12\_95a, L\*=12\_95 für relative CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.632$   $u^*_d = c00v$   
Daten für jede Farbe:  
 $lab^*ch^*$  und  $lab^*icu^*$   
Bunttontexte:  
 $u^*_d = c00v$   $u^*_e = g60b$   
Kontrastreduzierungsfaktor:  
 $c_R = 1.0$   
Dreiecks-Helligkeit  $i^*$



FRS12_95a; adaptierte CIELAB-Daten						
$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	
O <sub>Ma</sub>	38.06	60.0	44.0	74.4	36	
Y <sub>Ma</sub>	86.77	-5.17	109.32	109.44	93	
L <sub>Ma</sub>	47.13	-62.67	48.24	79.09	142	
C <sub>Ma</sub>	55.66	-29.14	-31.99	43.27	228	
V <sub>Ma</sub>	17.15	50.3	-59.04	77.57	310	
M <sub>Ma</sub>	40.37	78.64	-33.5	85.48	337	
N <sub>Ma</sub>	11.58	0.0	0.0	0.0	0	
W <sub>Ma</sub>	95.02	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):

$LAB^*LAB^*_{Ma}$ : 56 -29 -32

$LAB^*LCH^*_{Ma}$ : 56 43 227

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

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

Dreiecks-Helligkeit  $i^*$

%Umfang

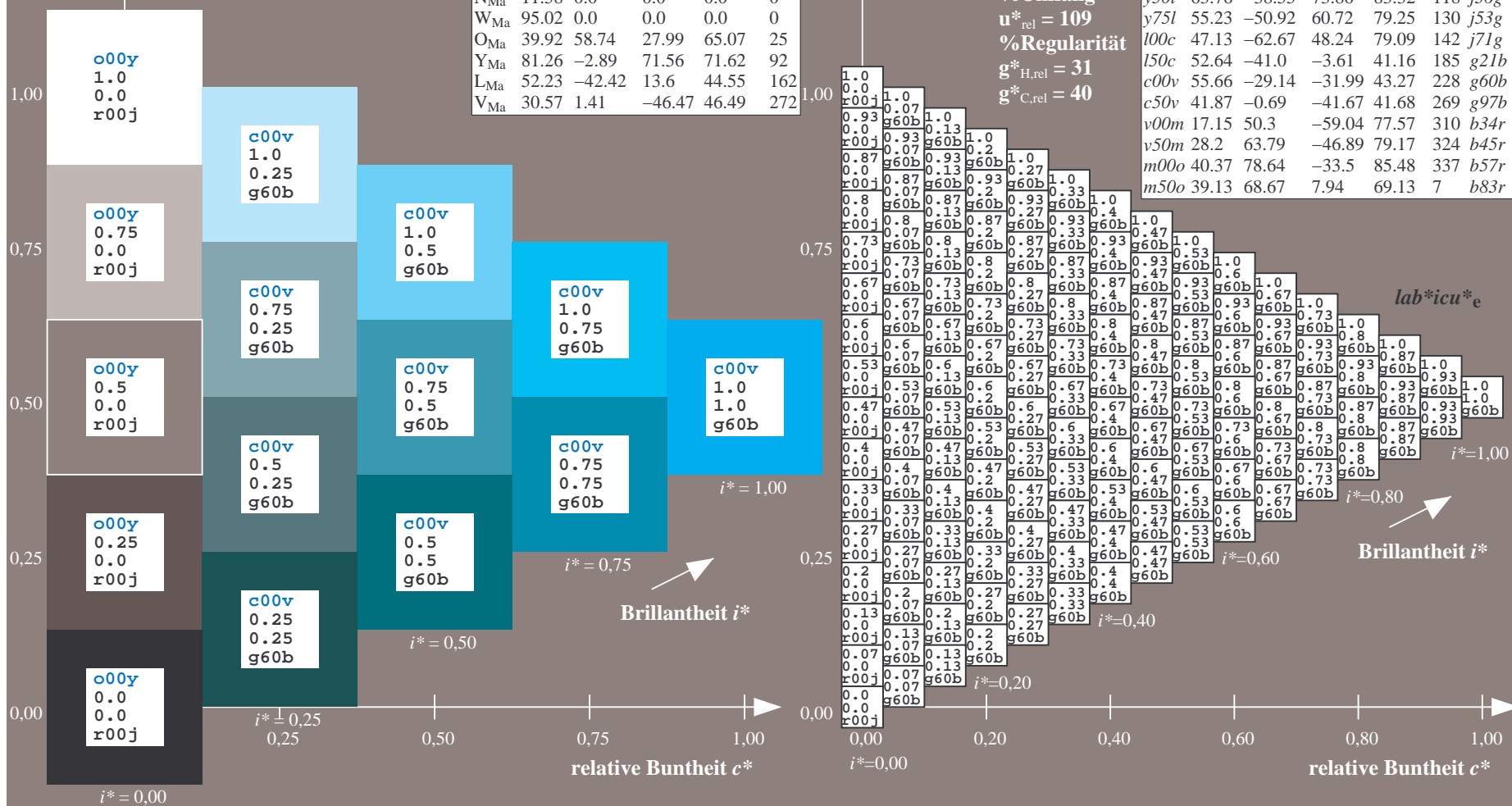
$u^*_{rel} = 109$

%Regularität

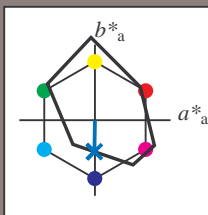
$g^*_{H,rel} = 31$

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

FRS12_95a; adaptierte CIELAB-Daten						
$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
o00y	38.06	60.0	44.0	74.4	36	r16j
o25y	47.68	47.13	56.9	73.88	50	r37j
o50y	57.77	33.62	70.44	78.05	64	r58j
o75y	69.84	17.48	86.62	88.37	79	r79j
y00l	86.77	-5.17	109.32	109.44	93	j01g
y25l	73.71	-24.12	89.19	92.39	105	j18g
y50l	63.76	-38.55	73.86	83.32	118	j36g
y75l	55.23	-50.92	60.72	79.25	130	j53g
l00c	47.13	-62.67	48.24	79.09	142	j71g
l50c	52.64	-41.0	-3.61	41.16	185	g21b
c00v	55.66	-29.14	-31.99	43.27	228	g60b
c50v	41.87	-0.69	-41.67	41.68	269	g97b
v00m	17.15	50.3	-59.04	77.57	310	b34r
v50m	28.2	63.79	-46.89	79.17	324	b45r
m00o	40.37	78.64	-33.5	85.48	337	b57r
m50o	39.13	68.67	7.94	69.13	7	b83r



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS12\_95a, L\*=12\_95 für relative CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.747$   $u^*_d = c50v$   
Daten für jede Farbe:  
 $lab^*ch^*$  und  $lab^*icu^*$   
Bunttontexte:  
 $u^*_d = c50v$   $u^*_e = g97b$   
Kontrastreduzierungsfaktor:  
 $c_R = 1.0$   
Dreiecks-Helligkeit  $i^*$



FRS12_95a; adaptierte CIELAB-Daten					
$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	38.06	60.0	44.0	74.4	36
Y <sub>Ma</sub>	86.77	-5.17	109.32	109.44	93
L <sub>Ma</sub>	47.13	-62.67	48.24	79.09	142
C <sub>Ma</sub>	55.66	-29.14	-31.99	43.27	228
V <sub>Ma</sub>	17.15	50.3	-59.04	77.57	310
M <sub>Ma</sub>	40.37	78.64	-33.5	85.48	337
N <sub>Ma</sub>	11.58	0.0	0.0	0.0	0
W <sub>Ma</sub>	95.02	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 -42

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

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

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

Dreiecks-Helligkeit  $i^*$

%Umfang

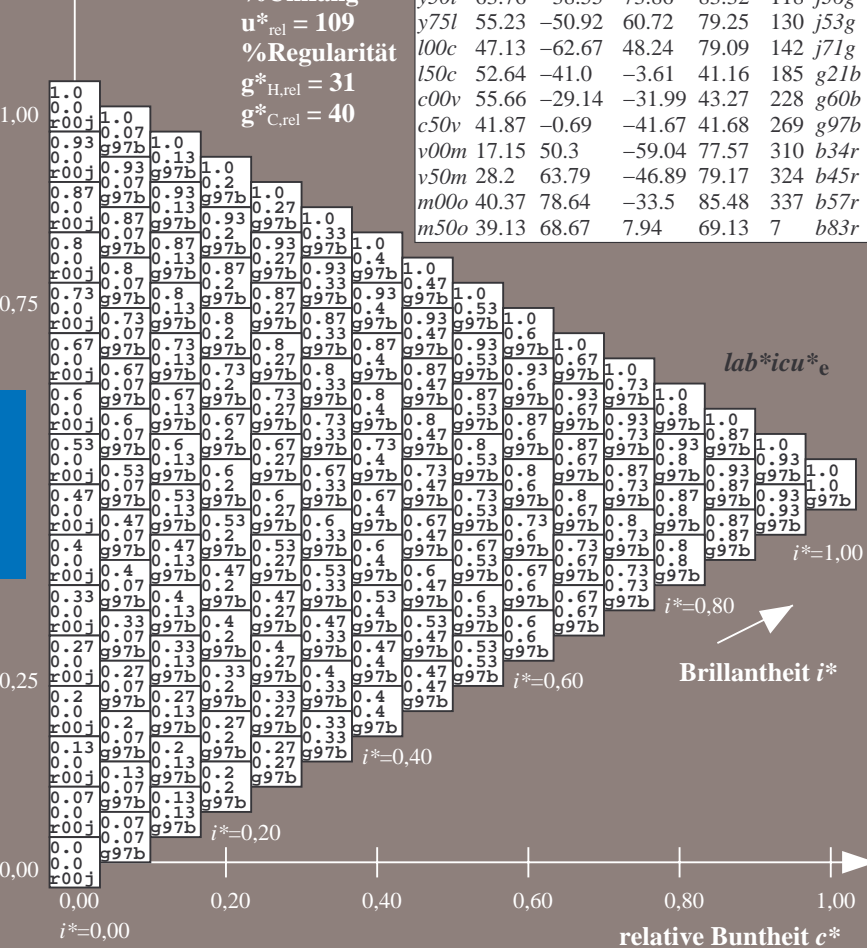
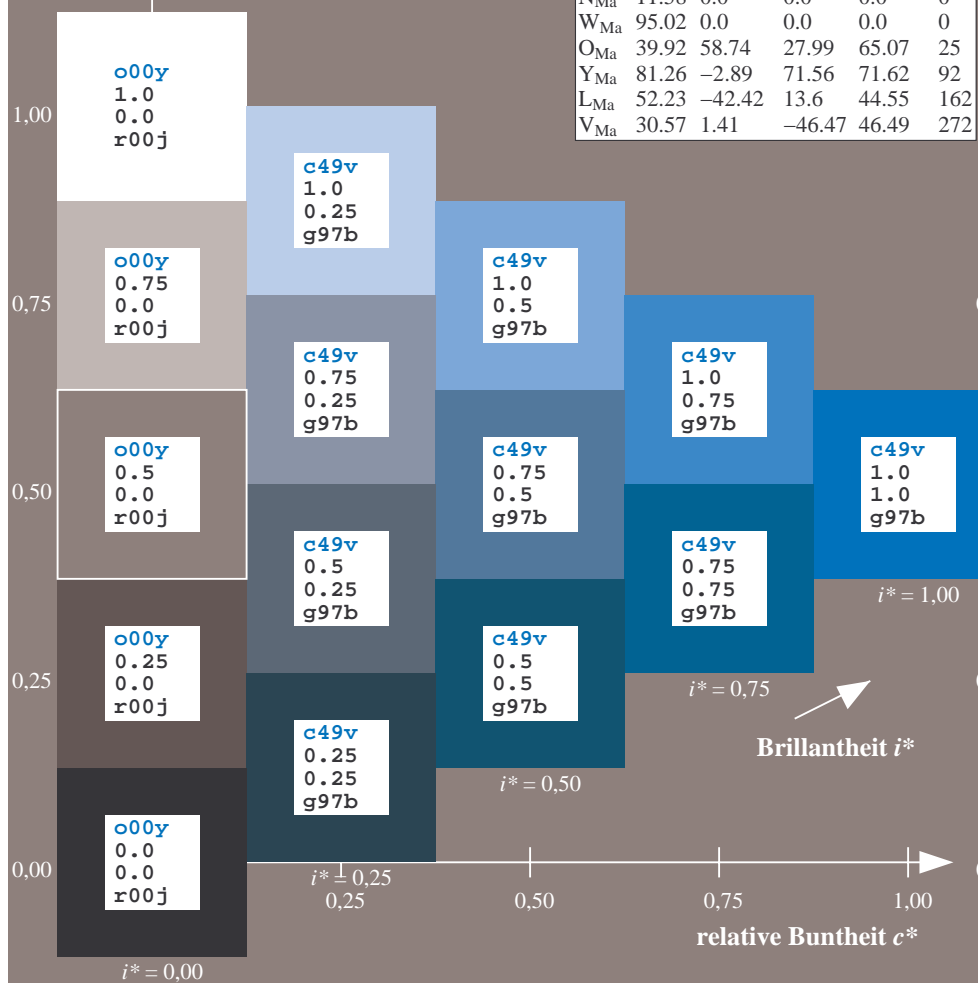
$u^*_{rel} = 109$

%Regularität

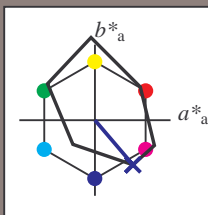
$g^*_{H,rel} = 31$

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

FRS12_95a; adaptierte CIELAB-Daten					
$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
$u^*_e$					
$o00y$	38.06	60.0	44.0	74.4	36
$o25y$	47.68	47.13	56.9	73.88	50
$o50y$	57.77	33.62	70.44	78.05	64
$o75y$	69.84	17.48	86.62	88.37	79
$y00l$	86.77	-5.17	109.32	109.44	93
$y25l$	73.71	-24.12	89.19	92.39	105
$y50l$	63.76	-38.55	73.86	83.32	118
$y75l$	55.23	-50.92	60.72	79.25	130
$l00c$	47.13	-62.67	48.24	79.09	142
$l50c$	52.64	-41.0	-3.61	41.16	185
$c00v$	55.66	-29.14	-31.99	43.27	228
$c50v$	41.87	-0.69	-41.67	41.68	269
$v00m$	17.15	50.3	-59.04	77.57	310
$v50m$	28.2	63.79	-46.89	79.17	324
$m00o$	40.37	78.64	-33.5	85.48	337
$m50o$	39.13	68.67	7.94	69.13	7



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS12\_95a, L\*=12\_95 für relative CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.862$   $u^*_d = v00m$   
Daten für jede Farbe:  
 $lab^*ch^*$  und  $lab^*icu^*$   
Bunttontexte:  
 $u^*_d = v00m$   $u^*_e = b34r$   
Kontrastreduzierungsfaktor:  
 $c_R = 1.0$   
Dreiecks-Helligkeit  $i^*$



FRS12_95a; adaptierte CIELAB-Daten						
$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
O <sub>Ma</sub>	38.06	60.0	44.0	74.4	36	
Y <sub>Ma</sub>	86.77	-5.17	109.32	109.44	93	
L <sub>Ma</sub>	47.13	-62.67	48.24	79.09	142	
C <sub>Ma</sub>	55.66	-29.14	-31.99	43.27	228	
V <sub>Ma</sub>	17.15	50.3	-59.04	77.57	310	
M <sub>Ma</sub>	40.37	78.64	-33.5	85.48	337	
N <sub>Ma</sub>	11.58	0.0	0.0	0.0	0	
W <sub>Ma</sub>	95.02	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):

$LAB^*LAB^*_{Ma}$ : 17 50 -59

$LAB^*LCH^*_{Ma}$ : 17 78 310

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

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

Dreiecks-Helligkeit  $i^*$

%Umfang

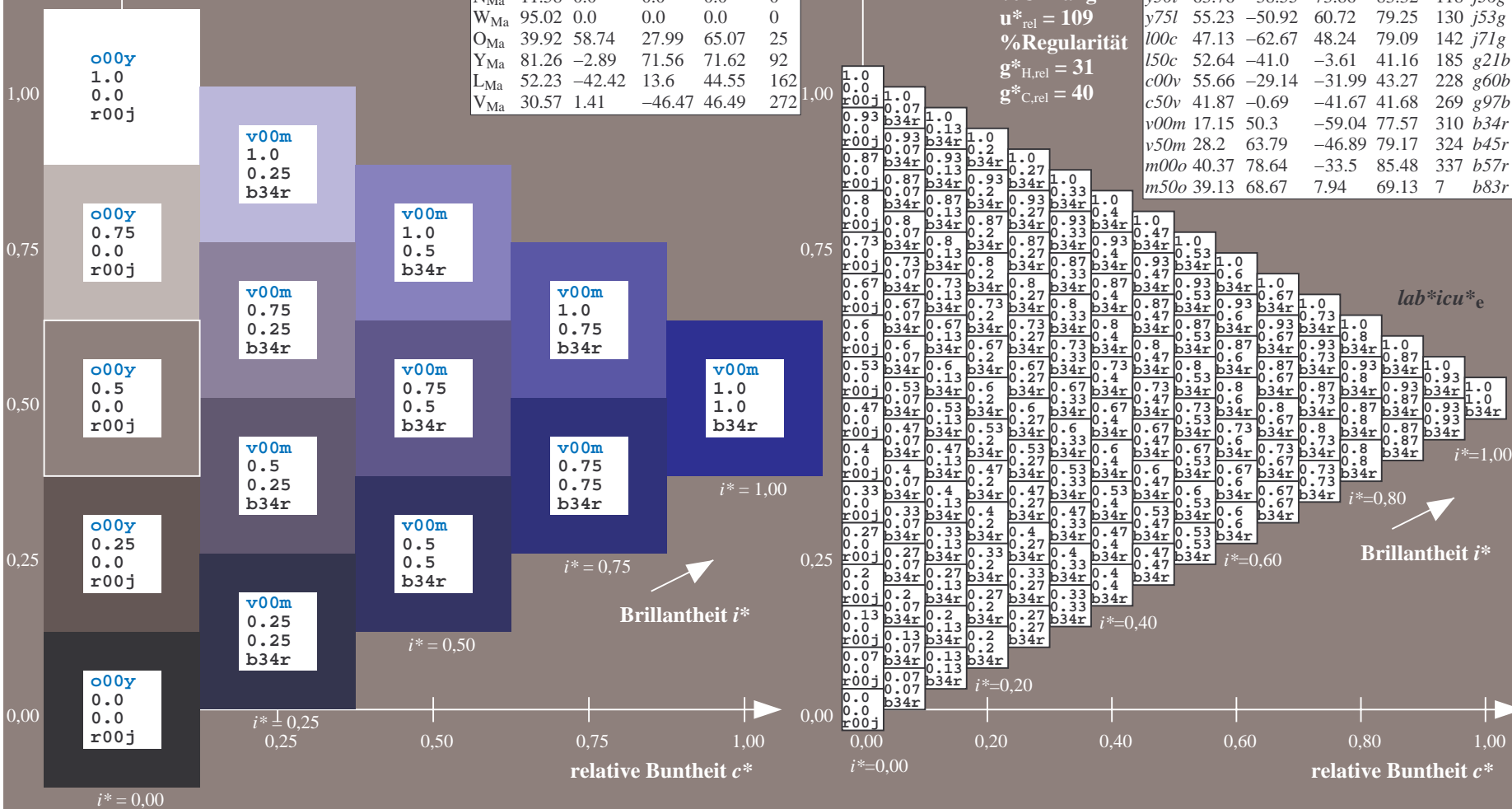
$u^*_{rel} = 109$

%Regularität

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

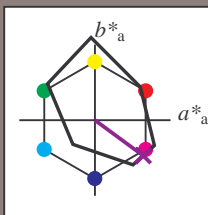
$g^*_{C,rel} = 40$

FRS12_95a; adaptierte CIELAB-Daten						
$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
o00y	38.06	60.0	44.0	74.4	36	r16j
o25y	47.68	47.13	56.9	73.88	50	r37j
o50y	57.77	33.62	70.44	78.05	64	r58j
o75y	69.84	17.48	86.62	88.37	79	r79j
y00l	86.77	-5.17	109.32	109.44	93	j01g
y25l	73.71	-24.12	89.19	92.39	105	j18g
y50l	63.76	-38.55	73.86	83.32	118	j36g
y75l	55.23	-50.92	60.72	79.25	130	j53g
l00c	47.13	-62.67	48.24	79.09	142	j71g
l50c	52.64	-41.0	-3.61	41.16	185	g21b
c00v	55.66	-29.14	-31.99	43.27	228	g60b
c50v	41.87	-0.69	-41.67	41.68	269	g97b
v00m	17.15	50.3	-59.04	77.57	310	b34r
v50m	28.2	63.79	-46.89	79.17	324	b45r
m00o	40.37	78.64	-33.5	85.48	337	b57r
m50o	39.13	68.67	7.94	69.13	7	b83r





Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS12\_95a, L\*=12\_95 für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.899$   $u^*_d = v50m$   
Daten für jede Farbe:  
 $lab^*ch^*$  und  $lab^*icu^*$   
Bunttontexte:  
 $u^*_d = v50m$   $u^*_e = b45r$   
Kontrastreduzierungsfaktor:  
 $c_R = 1.0$   
Dreiecks-Helligkeit  $i^*$



FRS12_95a; adaptierte CIELAB-Daten						
$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	
O <sub>Ma</sub>	38.06	60.0	44.0	74.4	36	
Y <sub>Ma</sub>	86.77	-5.17	109.32	109.44	93	
L <sub>Ma</sub>	47.13	-62.67	48.24	79.09	142	
C <sub>Ma</sub>	55.66	-29.14	-31.99	43.27	228	
V <sub>Ma</sub>	17.15	50.3	-59.04	77.57	310	
M <sub>Ma</sub>	40.37	78.64	-33.5	85.48	337	
N <sub>Ma</sub>	11.58	0.0	0.0	0.0	0	
W <sub>Ma</sub>	95.02	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):

$LAB^*LAB^*_{Ma}$ : 28 64 -47

$LAB^*LCH^*_{Ma}$ : 28 79 323

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

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

Dreiecks-Helligkeit  $i^*$

%Umfang

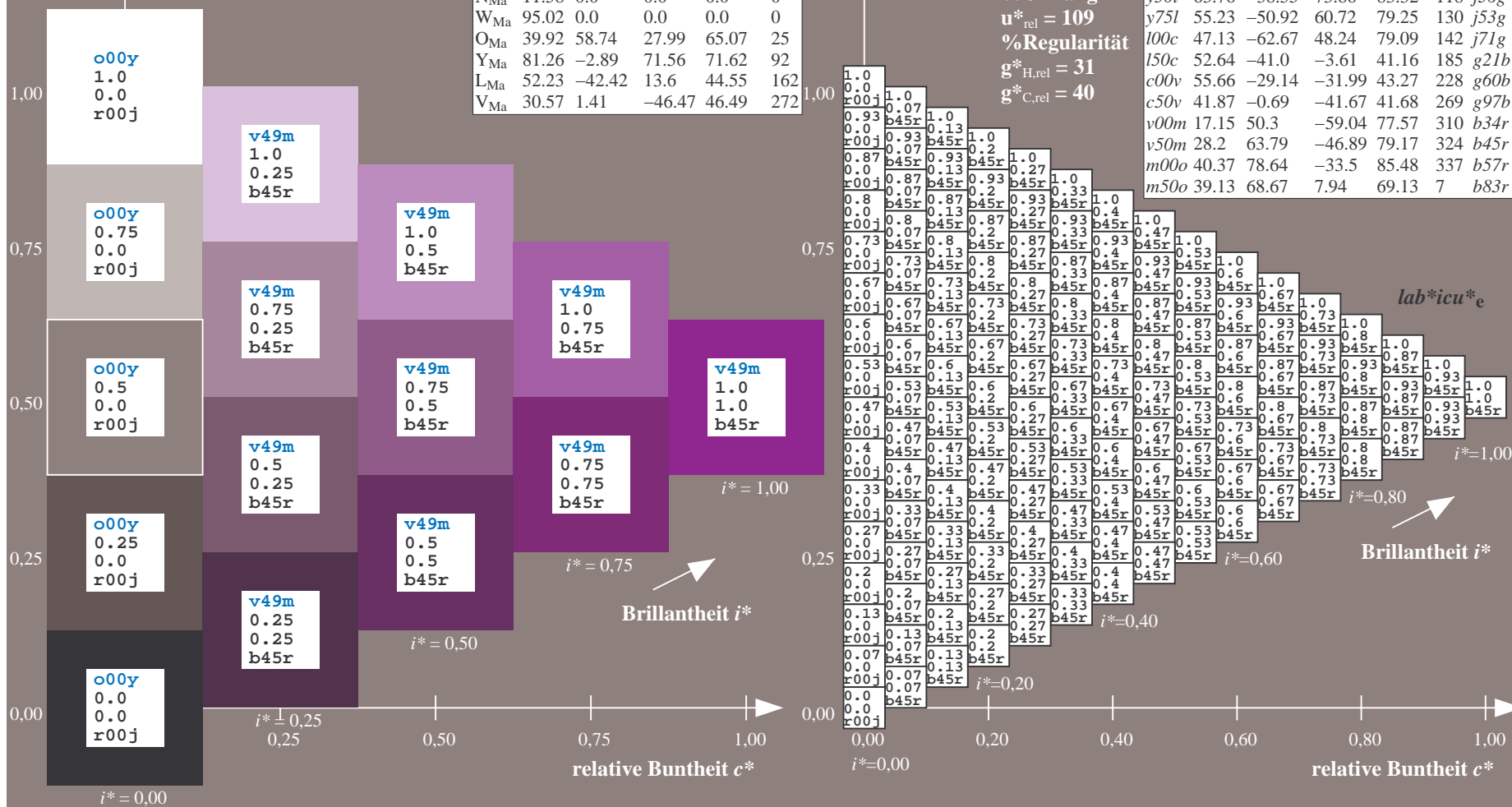
$u^*_{rel} = 109$

%Regularität

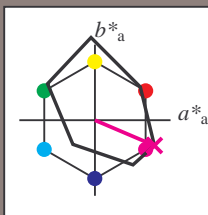
$g^*_{H,rel} = 31$

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

FRS12_95a; adaptierte CIELAB-Daten						
$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
o00y	38.06	60.0	44.0	74.4	36	r16j
o25y	47.68	47.13	56.9	73.88	50	r37j
o50y	57.77	33.62	70.44	78.05	64	r58j
o75y	69.84	17.48	86.62	88.37	79	r79j
y00l	86.77	-5.17	109.32	109.44	93	j01g
y25l	73.71	-24.12	89.19	92.39	105	j18g
y50l	63.76	-38.55	73.86	83.32	118	j36g
y75l	55.23	-50.92	60.72	79.25	130	j53g
l00c	47.13	-62.67	48.24	79.09	142	j71g
l50c	52.64	-41.0	-3.61	41.16	185	g21b
c00v	55.66	-29.14	-31.99	43.27	228	g60b
c50v	41.87	-0.69	-41.67	41.68	269	g97b
v00m	17.15	50.3	-59.04	77.57	310	b34r
v50m	28.2	63.79	-46.89	79.17	324	b45r
m00o	40.37	78.64	-33.5	85.48	337	b57r
m50o	39.13	68.67	7.94	69.13	7	b83r



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS12\_95a, L\*=12\_95 für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.936$   $u^*_d = m00o$   
Daten für jede Farbe:  
 $lab^*ch^*$  und  $lab^*icu^*$   
Bunttontexte:  
 $u^*_d = m00o$   $u^*_e = b57r$   
Kontrastreduzierungsfaktor:  
 $c_R = 1.0$   
Dreiecks-Helligkeit  $i^*$



FRS12_95a; adaptierte CIELAB-Daten						
$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
O <sub>Ma</sub>	38.06	60.0	44.0	74.4	36	
Y <sub>Ma</sub>	86.77	-5.17	109.32	109.44	93	
L <sub>Ma</sub>	47.13	-62.67	48.24	79.09	142	
C <sub>Ma</sub>	55.66	-29.14	-31.99	43.27	228	
V <sub>Ma</sub>	17.15	50.3	-59.04	77.57	310	
M <sub>Ma</sub>	40.37	78.64	-33.5	85.48	337	
N <sub>Ma</sub>	11.58	0.0	0.0	0.0	0	
W <sub>Ma</sub>	95.02	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 79 -34

$LAB^*LCH^*_{Ma}$ : 40 85 336

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

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

Dreiecks-Helligkeit  $i^*$

%Umfang

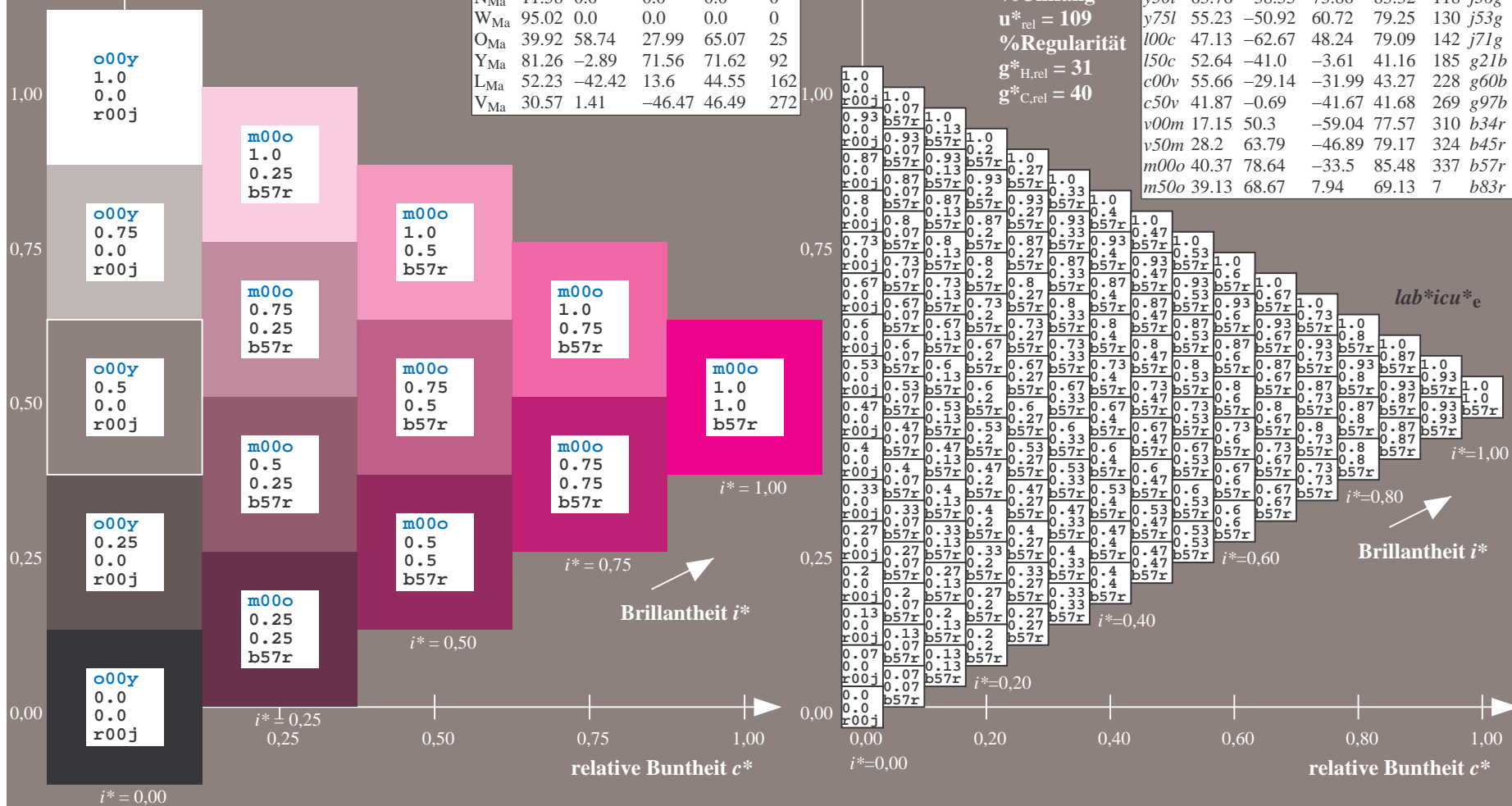
$u^*_{rel} = 109$

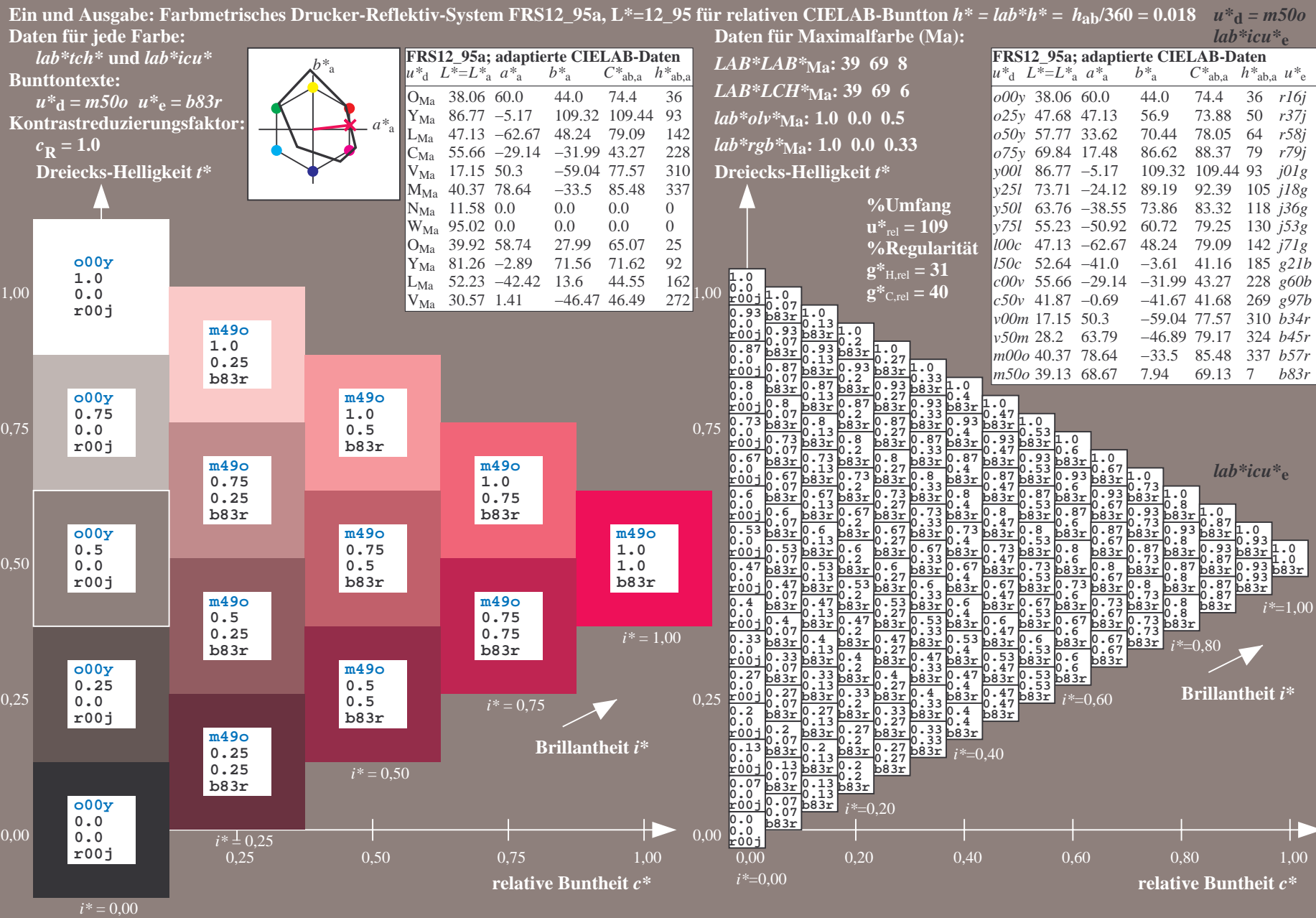
%Regularität

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

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

FRS12_95a; adaptierte CIELAB-Daten						
$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
o00y	38.06	60.0	44.0	74.4	36	r16j
o25y	47.68	47.13	56.9	73.88	50	r37j
o50y	57.77	33.62	70.44	78.05	64	r58j
o75y	69.84	17.48	86.62	88.37	79	r79j
y00l	86.77	-5.17	109.32	109.44	93	j01g
y25l	73.71	-24.12	89.19	92.39	105	j18g
y50l	63.76	-38.55	73.86	83.32	118	j36g
y75l	55.23	-50.92	60.72	79.25	130	j53g
l00c	47.13	-62.67	48.24	79.09	142	j71g
l50c	52.64	-41.0	-3.61	41.16	185	g21b
c00v	55.66	-29.14	-31.99	43.27	228	g60b
c50v	41.87	-0.69	-41.67	41.68	269	g97b
v00m	17.15	50.3	-59.04	77.57	310	b34r
v50m	28.2	63.79	-46.89	79.17	324	b45r
m00o	40.37	78.64	-33.5	85.48	337	b57r
m50o	39.13	68.67	7.94	69.13	7	b83r







Siehe ähnliche Dateien: <http://www.ps.bam.de/Fg62/>; [www.ps.bam.de/Fg62/](http://www.ps.bam.de/Fg62/); [www.ps.bam.de/Fg62/](http://www.ps.bam.de/Fg62/)  
Technische Information: [http://www.ps.bam.de/Version 2.1, io=1,1, Col5px=0](http://www.ps.bam.de/Version%202.1,%20io=1,1,Col5px=0)

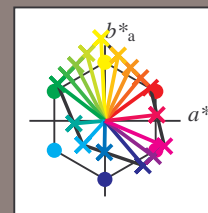
	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	a	b	c	d	e	f	g	h	i	j	k	lab*icu*			
01	0.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.13	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.25	0.25	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
02	0.001	0.13	0.25	0.38	0.5	0.63	0.75	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
03	0.001	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
04	0.001	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
05	0.001	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
06	0.001	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
07	0.001	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
08	0.001	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
09	0.001	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.001	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	0.001	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	0.0	0.0	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	0.001	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	0.001	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	0.001	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	0.001	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	0.001	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	0.001	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	0.001	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	0.001	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	0.001	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	0.001	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	0.001	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	0.001	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	0.001	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	0.001	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	0.001	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	0.001	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



Ein und Ausgabe:  
Farbmetrisches Drucker-Reflektiv-System FRS12\_95a  
Daten für jede Farbe:

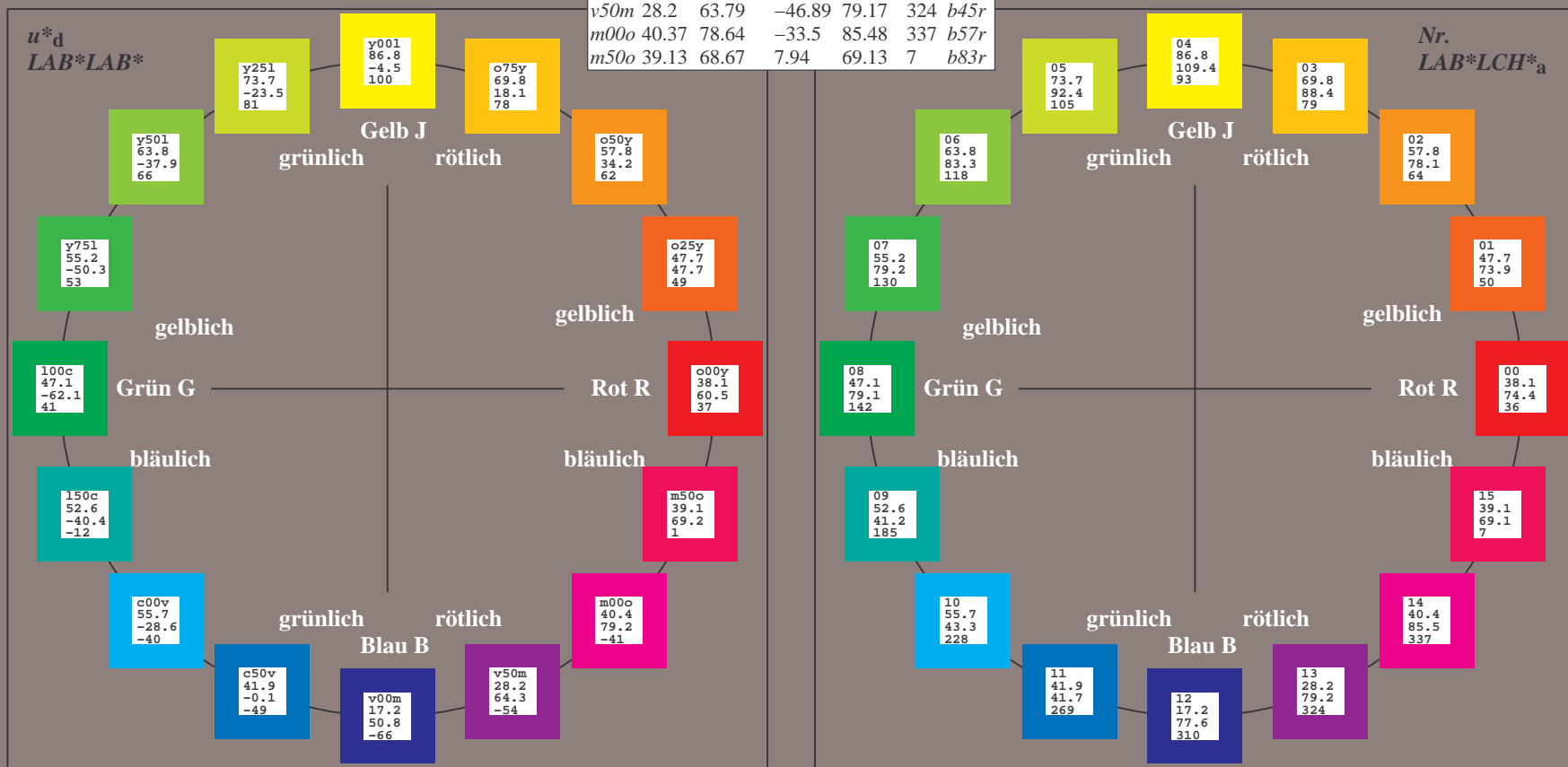
$u^*_d$  und Nummer  $Nr.$  = 00 .. 15  
Geräte-Bunttontext:  
 $u^*_d$  = 16 Bunttoene  $o00y$ ,  $o25y$ , ...,  $m50o$   
Kontrastreduzierungsfaktor:  
 $c_R = 1.0$

FRS12_95a; adaptierte CIELAB-Daten							
$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$	
$o00y$	38.06	60.0	44.0	74.4	36	$r16j$	
$o25y$	47.68	47.13	56.9	73.88	50	$r37j$	
$o50y$	57.77	33.62	70.44	78.05	64	$r58j$	
$o75y$	69.84	17.48	86.62	88.37	79	$r79j$	
$y00l$	86.77	-5.17	109.32	109.44	93	$j01g$	
$y25l$	73.71	-24.12	89.19	92.39	105	$j18g$	
$y50l$	63.76	-38.55	73.86	83.32	118	$j36g$	
$y75l$	55.23	-50.92	60.72	79.25	130	$j53g$	
$l00c$	47.13	-62.67	48.24	79.09	142	$j71g$	
$l50c$	52.64	-41.0	-3.61	41.16	185	$g21b$	
$c00v$	55.66	-29.14	-31.99	43.27	228	$g60b$	
$c50v$	41.87	-0.69	-41.67	41.68	269	$g97b$	
$v00m$	17.15	50.3	-59.04	77.57	310	$b34r$	
$v50m$	28.2	63.79	-46.89	79.17	324	$b45r$	
$m00o$	40.37	78.64	-33.5	85.48	337	$b57r$	
$m50o$	39.13	68.67	7.94	69.13	7	$b83r$	

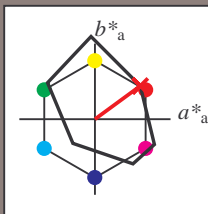


%Umfang  
 $u^*_{rel} = 109$   
%Regularität  
 $g^*_{H,rel} = 31$   
 $g^*_{C,rel} = 40$

FRS12_95; CIELAB-Daten					
Name	$L^*=L^*$	$a^*$	$b^*$	$C^*_{ab}$	$h^*_{ab}$
$O_M$	38.06	60.53	36.66	70.77	31
$Y_M$	86.77	-4.5	100.15	100.25	93
$L_M$	47.13	-62.11	40.56	74.18	147
$C_M$	55.66	-28.56	-39.99	49.14	234
$V_M$	17.15	50.78	-65.6	82.96	308
$M_M$	40.37	79.18	-40.93	89.13	333
$N_M$	11.58	0.46	-6.35	6.37	274
$W_M$	95.02	0.69	-9.48	9.51	274
$O_{CIE}$	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 FRS12\_95a, L\*=12\_95 für relative CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.101$   $u^*_d = o00y$   
Daten für jede Farbe:  
 $lab^*tch^*$  und  $lab^*icu^*$   
Bunttontexte:  
 $u^*_d = o00y$   $u^*_e = r16j$   
Kontrastreduzierungsfaktor:  
 $c_R = 1.0$   
Dreiecks-Helligkeit  $i^*$



FRS12_95; CIELAB-Daten						
$u^*_d$	$L^*=L^*_a$	$a^*$	$b^*$	$C^*_{ab}$	$h^*_{ab}$	
O <sub>M</sub>	38.06	60.53	36.66	70.77	31	
Y <sub>M</sub>	86.77	-4.5	100.15	100.25	93	
L <sub>M</sub>	47.13	-62.11	40.56	74.18	147	
C <sub>M</sub>	55.66	-28.56	-39.99	49.14	234	
V <sub>M</sub>	17.15	50.78	-65.6	82.96	308	
M <sub>M</sub>	40.37	79.18	-40.93	89.13	333	
N <sub>M</sub>	11.58	0.46	-6.35	6.37	274	
W <sub>M</sub>	95.02	0.69	-9.48	9.51	274	
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):

$LAB^*LAB^*_Ma$ : 38 60 44

$LAB^*LCH^*_Ma$ : 38 74 36

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

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

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 109$

%Regularität

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

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

FRS12_95a; adaptierte CIELAB-Daten							
$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$	
$o00y$	38.06	60.0	44.0	74.4	36	$r16j$	
$o25y$	47.68	47.13	56.9	73.88	50	$r37j$	
$o50y$	57.77	33.62	70.44	78.05	64	$r58j$	
$o75y$	69.84	17.48	86.62	88.37	79	$r79j$	
$y00l$	86.77	-5.17	109.32	109.44	93	$j01g$	
$y25l$	73.71	-24.12	89.19	92.39	105	$j18g$	
$y50l$	63.76	-38.55	73.86	83.32	118	$j36g$	
$y75l$	55.23	-50.92	60.72	79.25	130	$j53g$	
$l00c$	47.13	-62.67	48.24	79.09	142	$j71g$	
$l50c$	52.64	-41.0	-3.61	41.16	185	$g21b$	
$c00v$	55.66	-29.14	-31.99	43.27	228	$g60b$	
$c50v$	41.87	-0.69	-41.67	41.68	269	$g97b$	
$v00m$	17.15	50.3	-59.04	77.57	310	$b34r$	
$v50m$	28.2	63.79	-46.89	79.17	324	$b45r$	
$m00o$	40.37	78.64	-33.5	85.48	337	$b57r$	
$m50o$	39.13	68.67	7.94	69.13	7	$b83r$	

$LAB^*LAB^*$

$i^* = 1.00$

Brillantheit  $i^*$

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

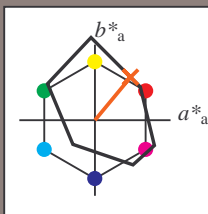
$i^* = 0.00$

relative Buntheit  $c^*$

relative Buntheit  $c^*$

Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS12\_95a, L\*=12\_95 für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.14$   $u^*_d = o25y$   
Daten für jede Farbe:  $lab^*tch^*$  und  $lab^*icu^*$  **LAB\*LAB\***

Bunttontexte:  
 $u^*_d = o25y$   $u^*_e = r37j$   
Kontrastreduzierungsfaktor:  
 $c_R = 1.0$   
Dreiecks-Helligkeit  $i^*$



FRS12_95; CIELAB-Daten						
$u^*_d$	$L^*=L^*$	$a^*$	$b^*$	$C^*_{ab}$	$h^*_{ab}$	
O <sub>M</sub>	38.06	60.53	36.66	70.77	31	
Y <sub>M</sub>	86.77	-4.5	100.15	100.25	93	
L <sub>M</sub>	47.13	-62.11	40.56	74.18	147	
C <sub>M</sub>	55.66	-28.56	-39.99	49.14	234	
V <sub>M</sub>	17.15	50.78	-65.6	82.96	308	
M <sub>M</sub>	40.37	79.18	-40.93	89.13	333	
N <sub>M</sub>	11.58	0.46	-6.35	6.37	274	
W <sub>M</sub>	95.02	0.69	-9.48	9.51	274	
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):

$LAB^*LAB^*_{Ma}$ : 48 47 57

$LAB^*LCH^*_{Ma}$ : 48 74 50

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

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

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 109$

%Regularität

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

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

FRS12_95a; adaptierte CIELAB-Daten							
$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$	
o00y	38.06	60.0	44.0	74.4	36	r16j	
o25y	47.68	47.13	56.9	73.88	50	r37j	
o50y	57.77	33.62	70.44	78.05	64	r58j	
o75y	69.84	17.48	86.62	88.37	79	r79j	
y00l	86.77	-5.17	109.32	109.44	93	j01g	
y25l	73.71	-24.12	89.19	92.39	105	j18g	
y50l	63.76	-38.55	73.86	83.32	118	j36g	
y75l	55.23	-50.92	60.72	79.25	130	j53g	
l00c	47.13	-62.67	48.24	79.09	142	j71g	
l50c	52.64	-41.0	-3.61	41.16	185	g21b	
c00v	55.66	-29.14	-31.99	43.27	228	g60b	
c50v	41.87	-0.69	-41.67	41.68	269	g97b	
v00m	17.15	50.3	-59.04	77.57	310	b34r	
v50m	28.2	63.79	-46.89	79.17	324	b45r	
m00o	40.37	78.64	-33.5	85.48	337	b57r	
m50o	39.13	68.67	7.94	69.13	7	b83r	

**LAB\*LAB\***

$i^* = 1.00$

Brillantheit  $i^*$

$i^* = 0.80$

$i^* = 0.60$

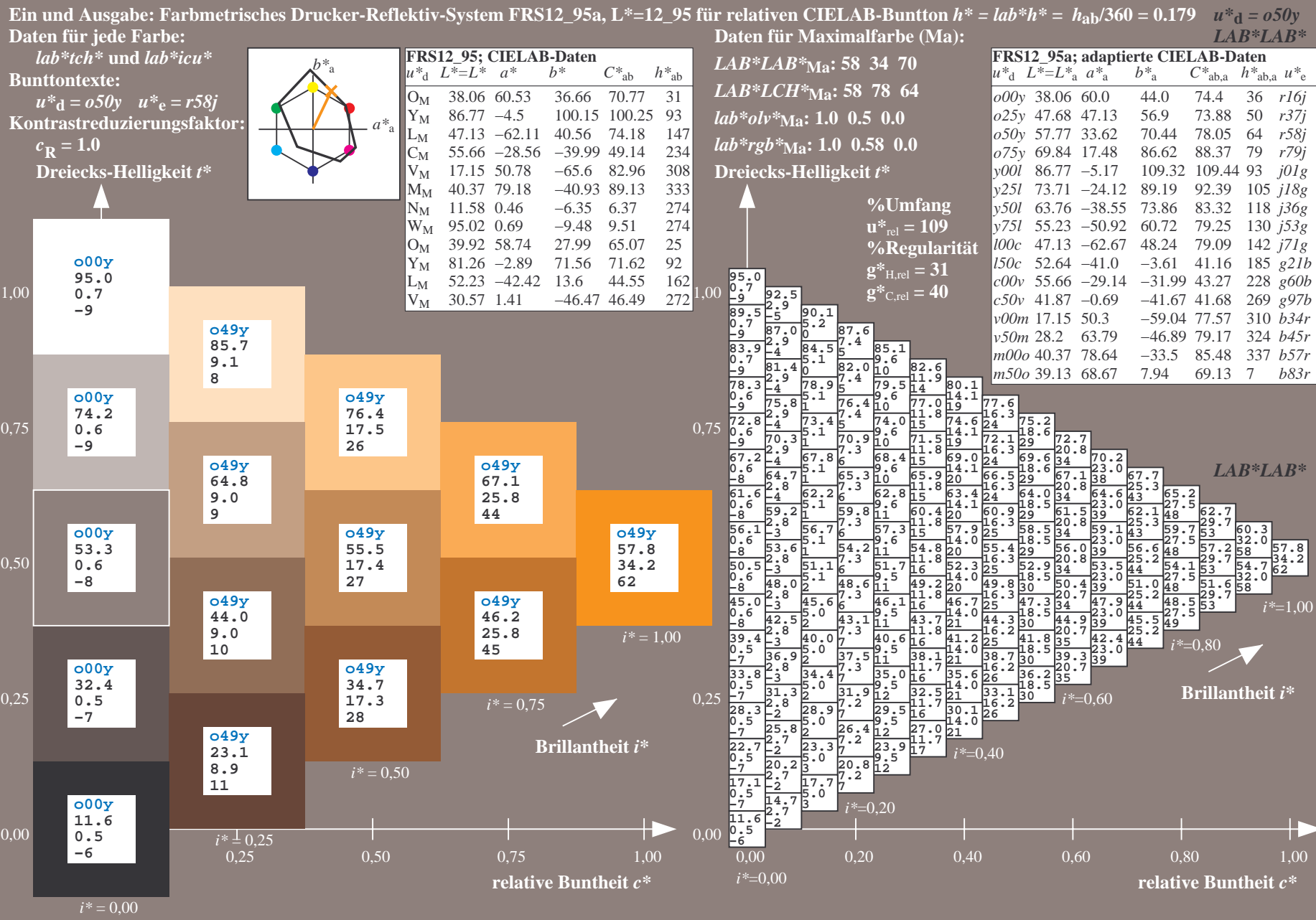
$i^* = 0.40$

$i^* = 0.20$

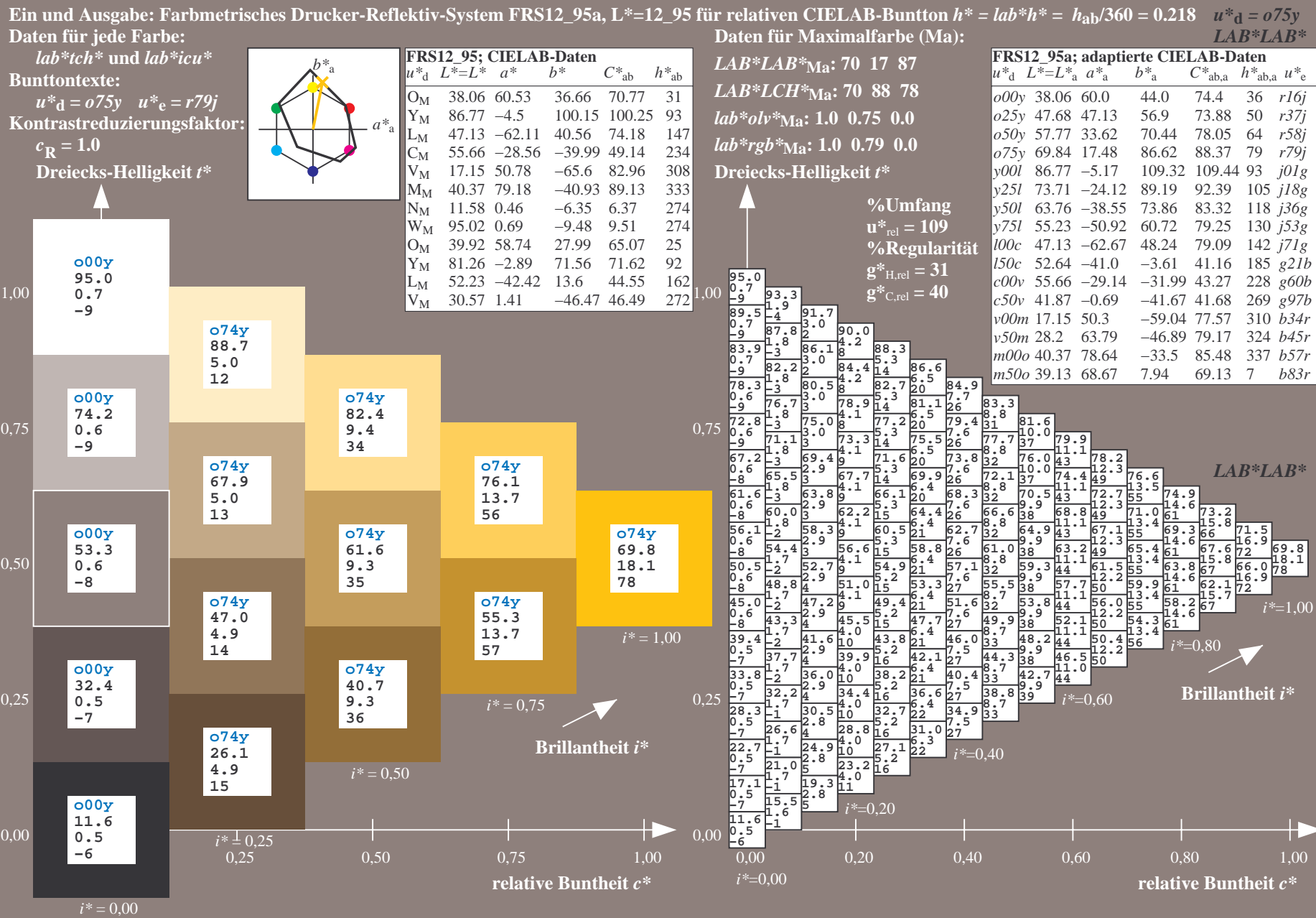
$i^* = 0.00$

relative Buntheit  $c^*$

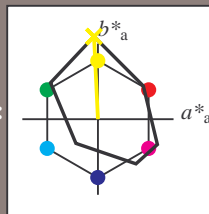
relative Buntheit  $c^*$







Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS12\_95a, L\*=12\_95 für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.258$   $u^*_d = y00l$   
Daten für jede Farbe:  
 $lab^*tch^*$  und  $lab^*icu^*$   
Bunttontexte:  
 $u^*_d = y00l$   $u^*_e = j0l1g$   
Kontrastreduzierungsfaktor:  
 $c_R = 1.0$   
Dreiecks-Helligkeit  $i^*$



FRS12_95; CIELAB-Daten						
$u^*_d$	$L^*=L^*_a$	$a^*$	$b^*$	$C^*_{ab}$	$h^*_{ab}$	
O <sub>M</sub>	38.06	60.53	36.66	70.77	31	
Y <sub>M</sub>	86.77	-4.5	100.15	100.25	93	
L <sub>M</sub>	47.13	-62.11	40.56	74.18	147	
C <sub>M</sub>	55.66	-28.56	-39.99	49.14	234	
V <sub>M</sub>	17.15	50.78	-65.6	82.96	308	
M <sub>M</sub>	40.37	79.18	-40.93	89.13	333	
N <sub>M</sub>	11.58	0.46	-6.35	6.37	274	
W <sub>M</sub>	95.02	0.69	-9.48	9.51	274	
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):

$LAB^*LAB^*_Ma: 87 -5 109$

$LAB^*LCH^*_Ma: 87 109 92$

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

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

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 109$

%Regularität

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

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

FRS12_95a; adaptierte CIELAB-Daten									
$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$			
o00y	38.06	60.0	44.0	74.4	36	r16j			
o25y	47.68	47.13	56.9	73.88	50	r37j			
o50y	57.77	33.62	70.44	78.05	64	r58j			
o75y	69.84	17.48	86.62	88.37	79	r79j			
y00l	86.77	-5.17	109.32	109.44	93	j0l1g			
y25l	73.71	-24.12	89.19	92.39	105	j18g			
y50l	63.76	-38.55	73.86	83.32	118	j36g			
y75l	55.23	-50.92	60.72	79.25	130	j53g			
l00c	47.13	-62.67	48.24	79.09	142	j71g			
l50c	52.64	-41.0	-3.61	41.16	185	g21b			
c00v	55.66	-29.14	-31.99	43.27	228	g60b			
c50v	41.87	-0.69	-41.67	41.68	269	g97b			
v00m	17.15	50.3	-59.04	77.57	310	b34r			
v50m	28.2	63.79	-46.89	79.17	324	b45r			
m00o	40.37	78.64	-33.5	85.48	337	b57r			
m50o	39.13	68.67	7.94	69.13	7	b83r			

$LAB^*LAB^*$

$i^*=1.00$

Brillantheit  $i^*$

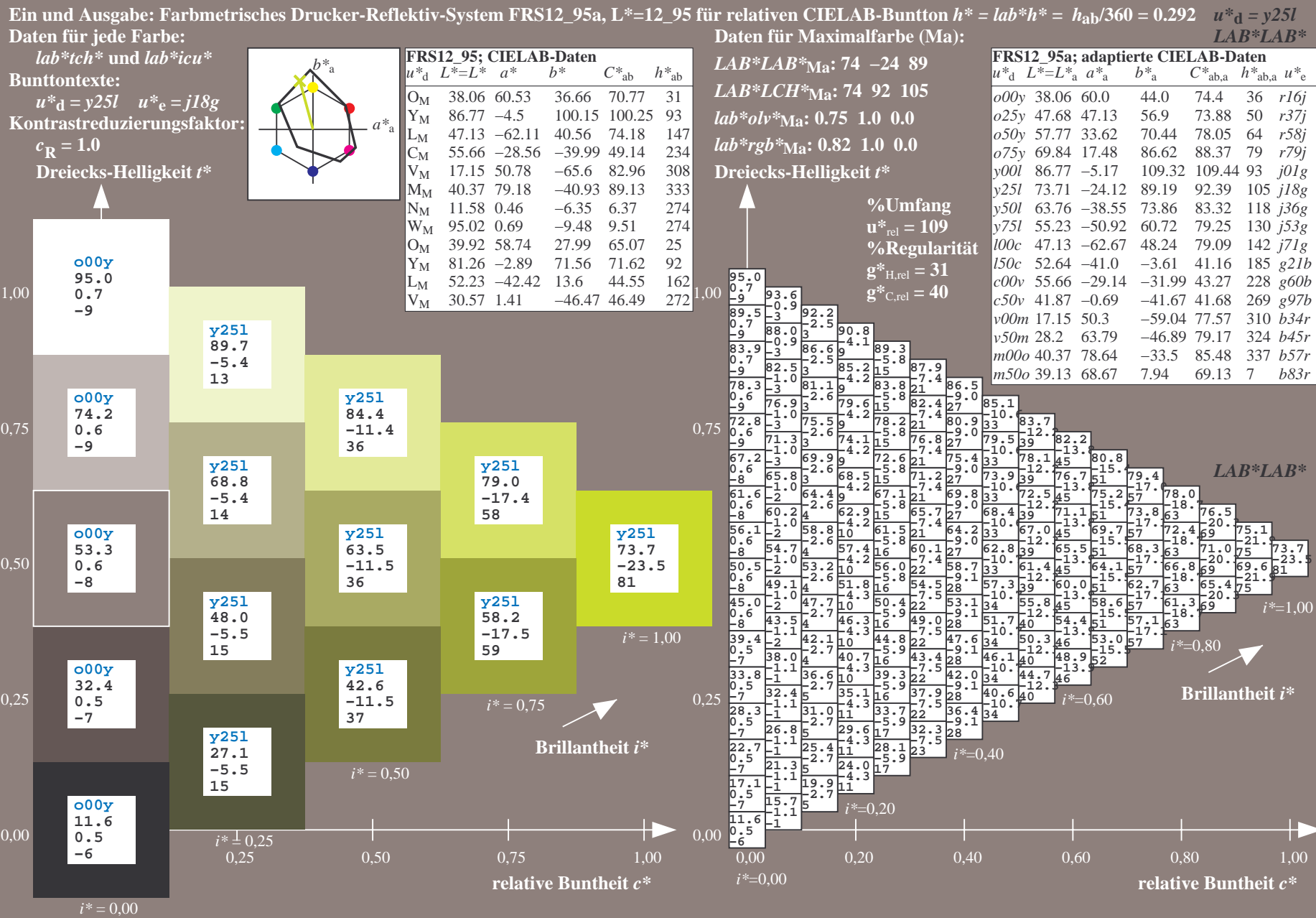
$i^*=0.80$

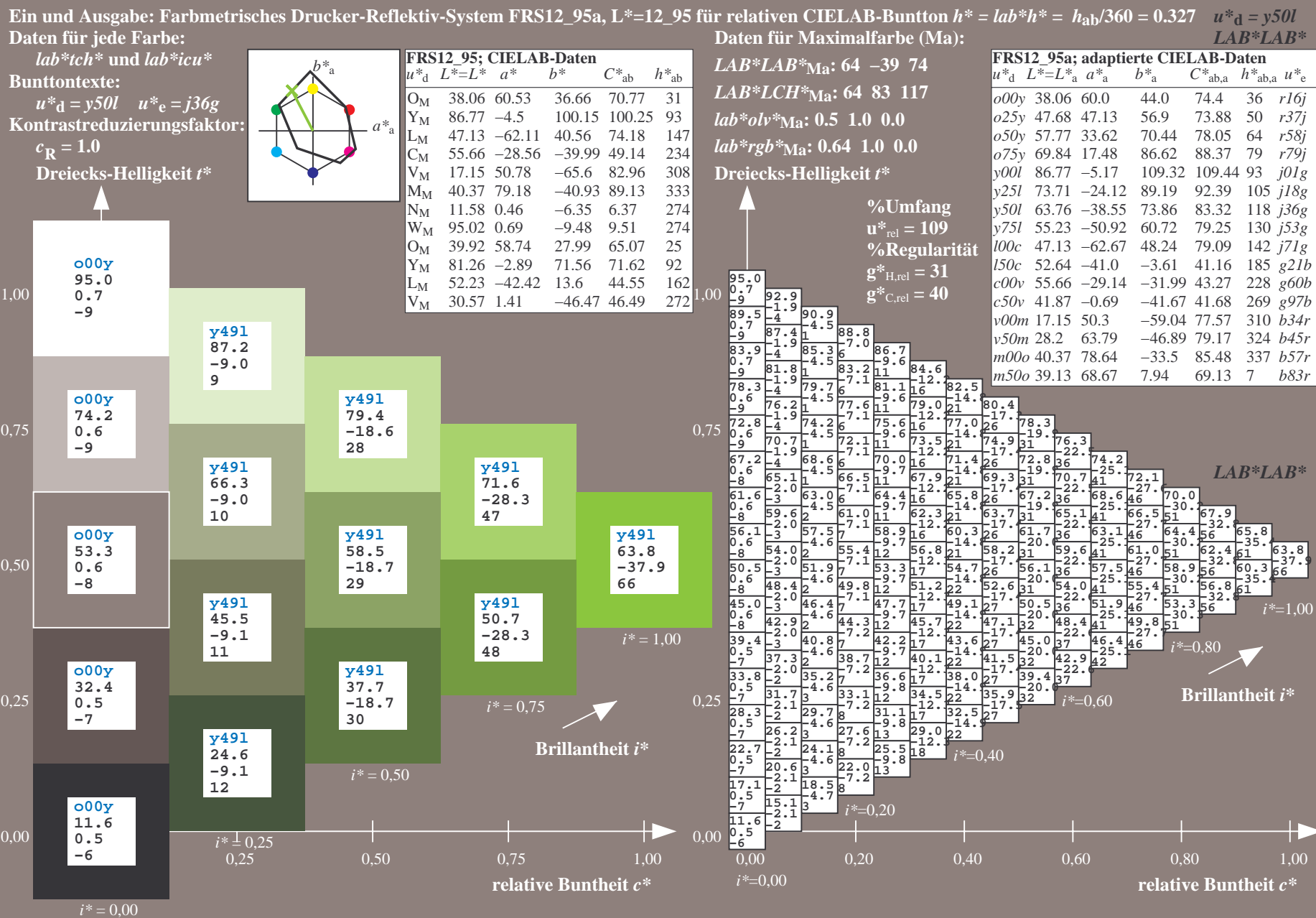
$i^*=0.60$

$i^*=0.40$

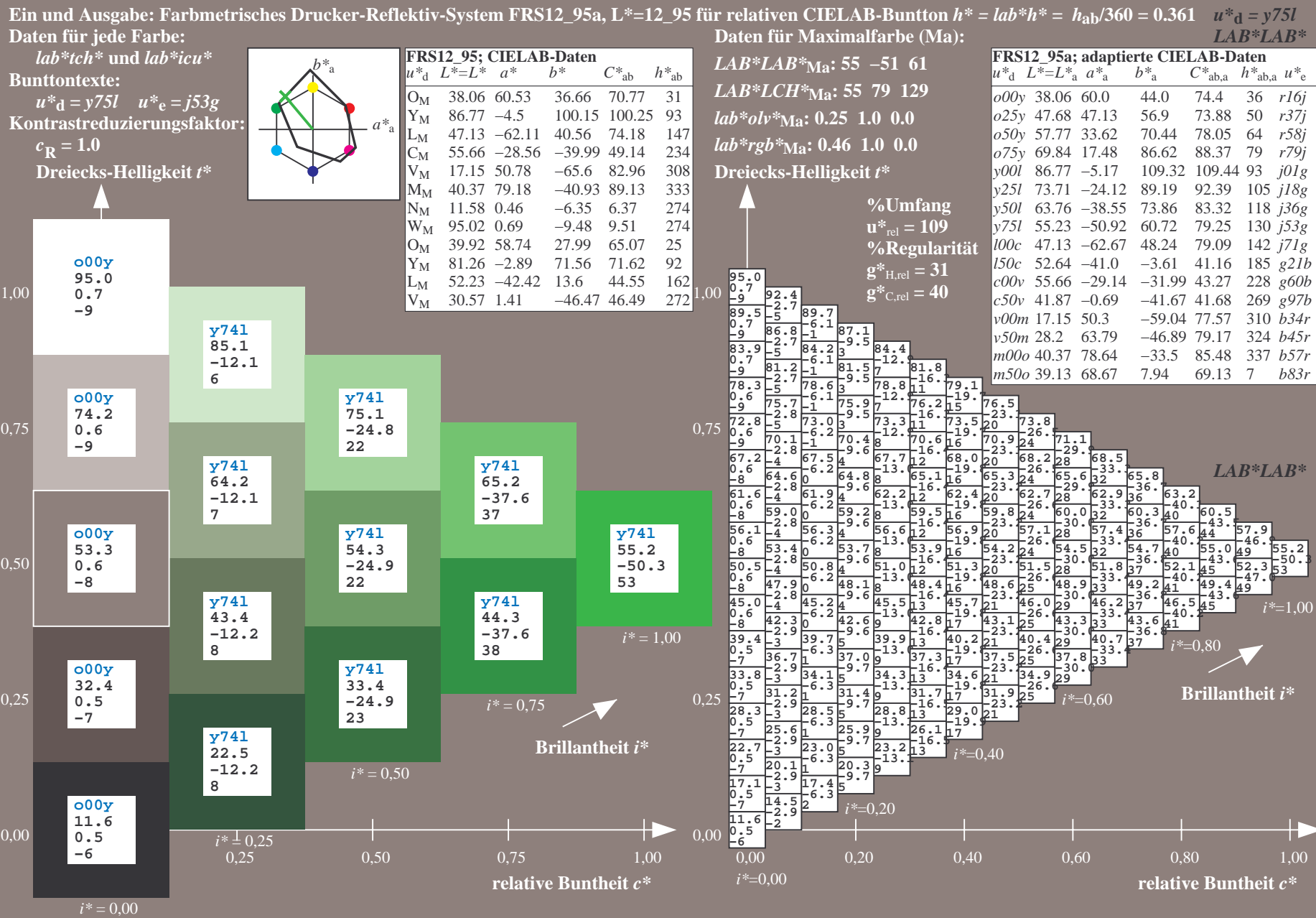
$i^*=0.20$

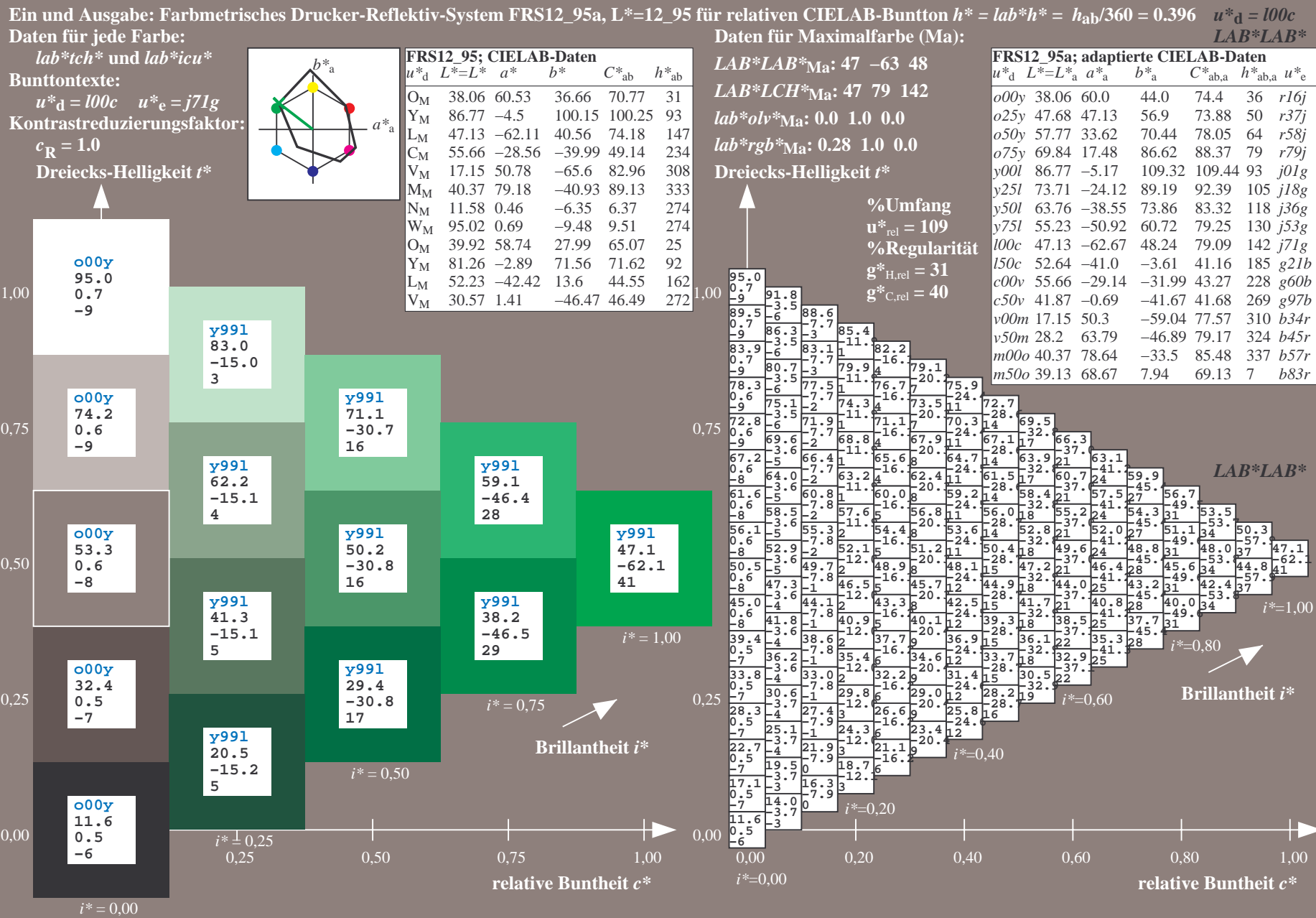
$i^*=0.00$

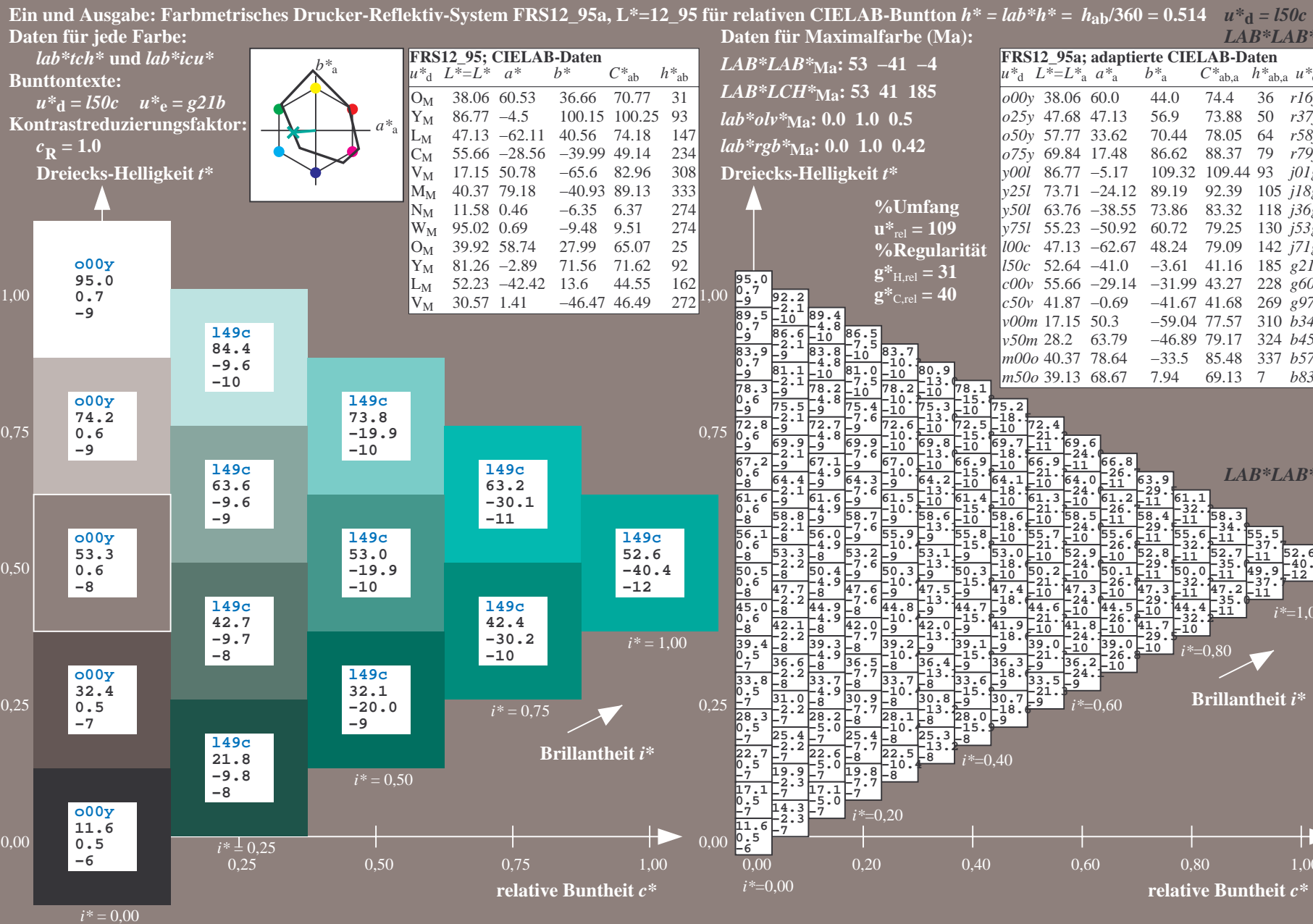


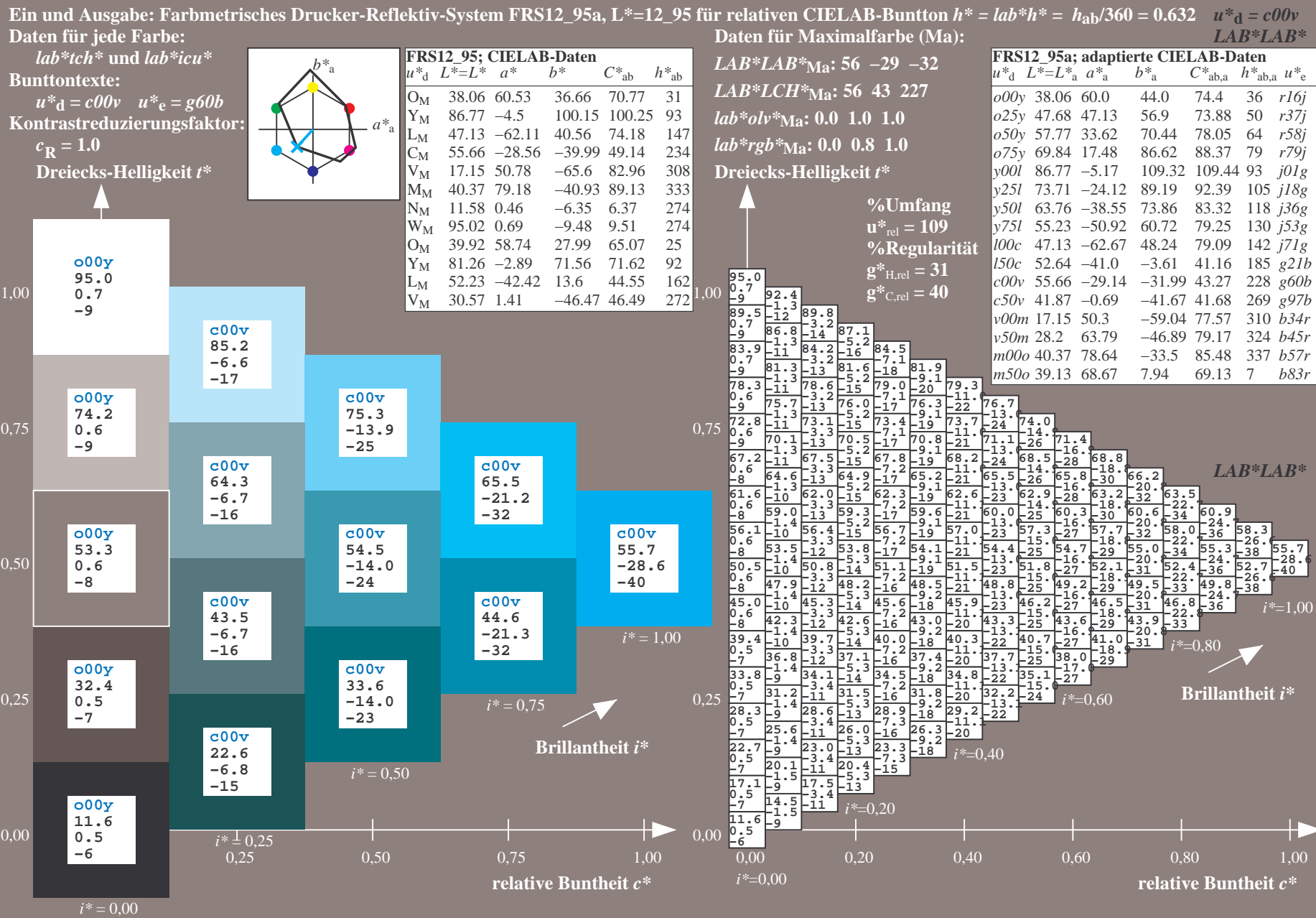




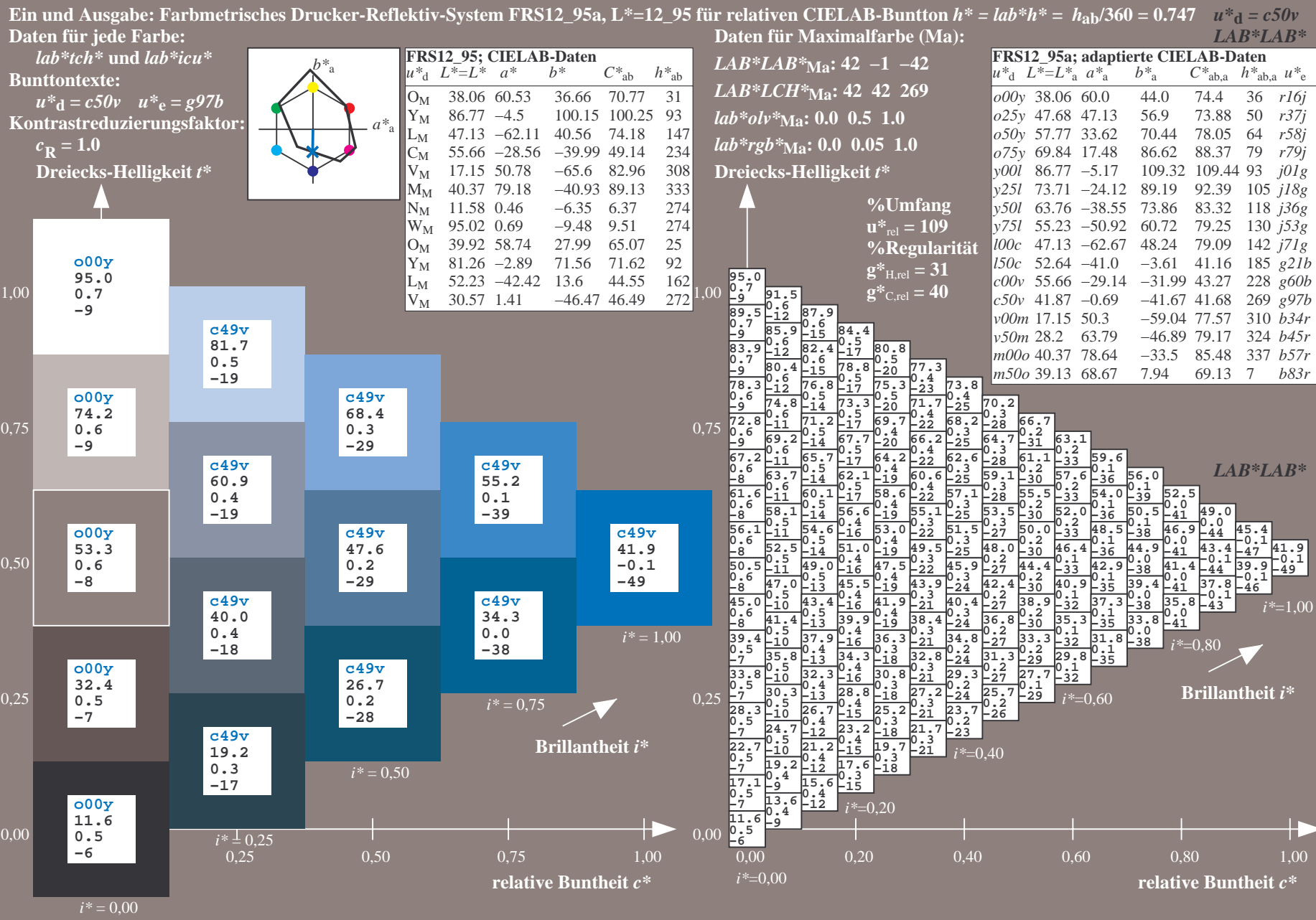


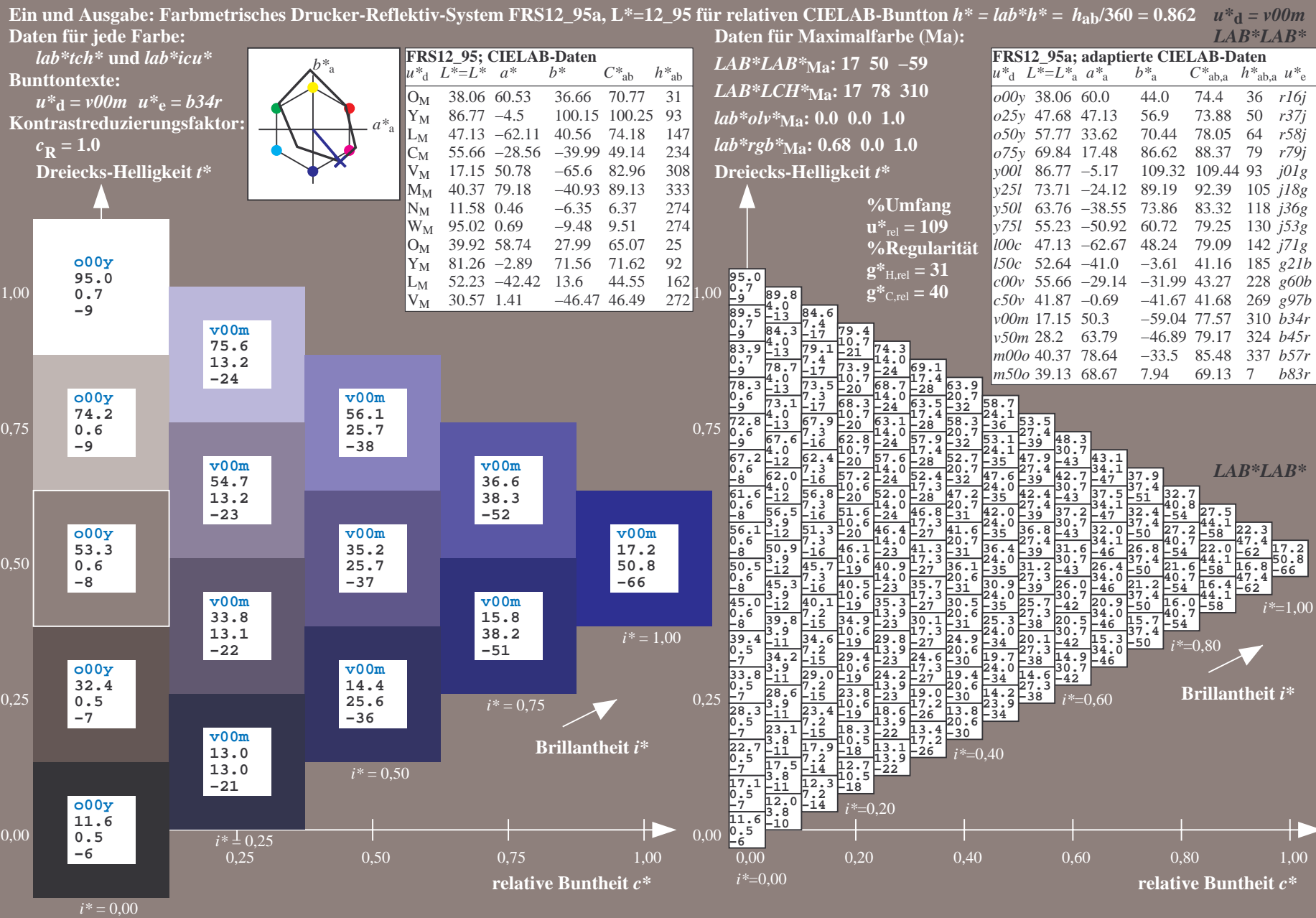


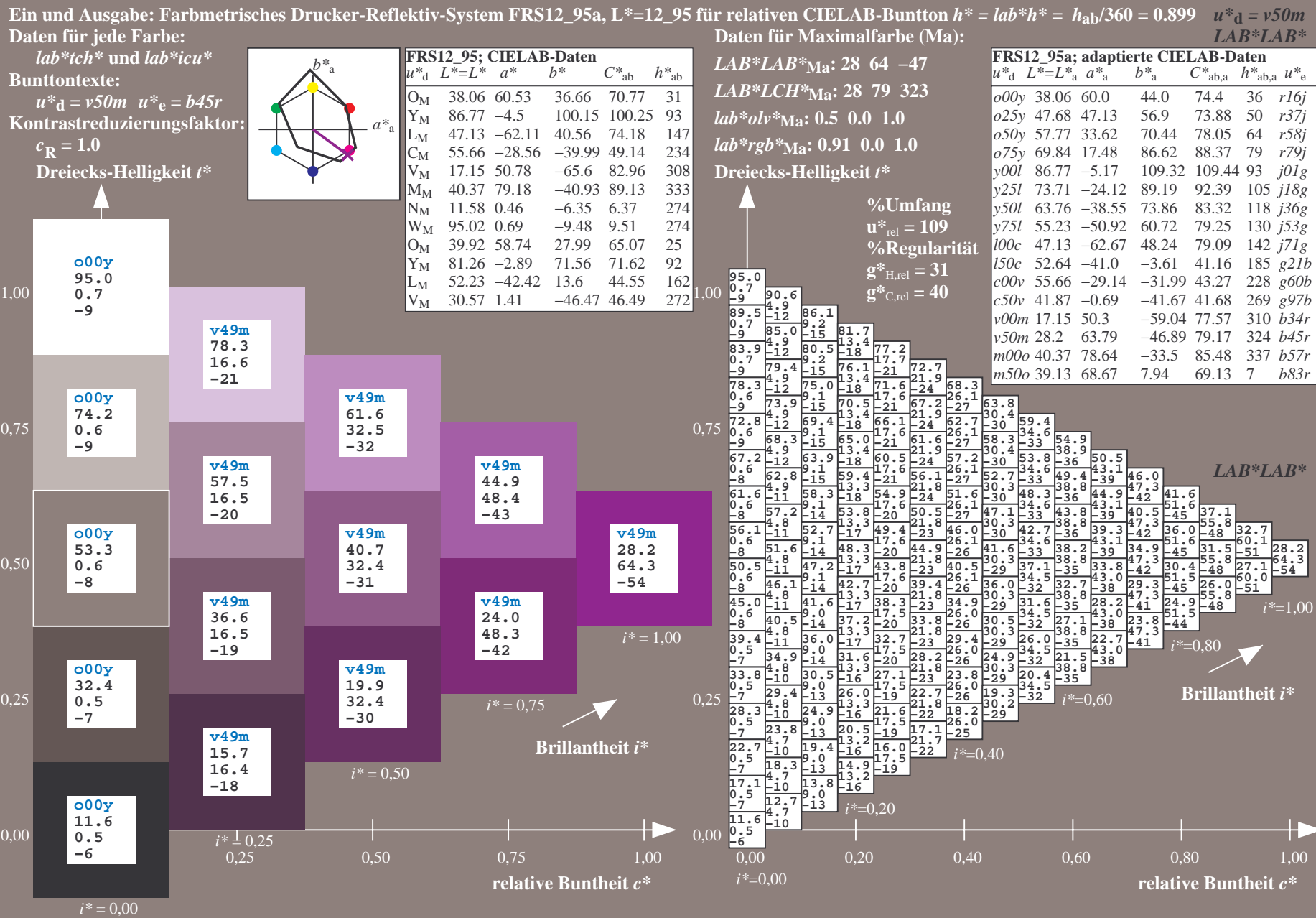


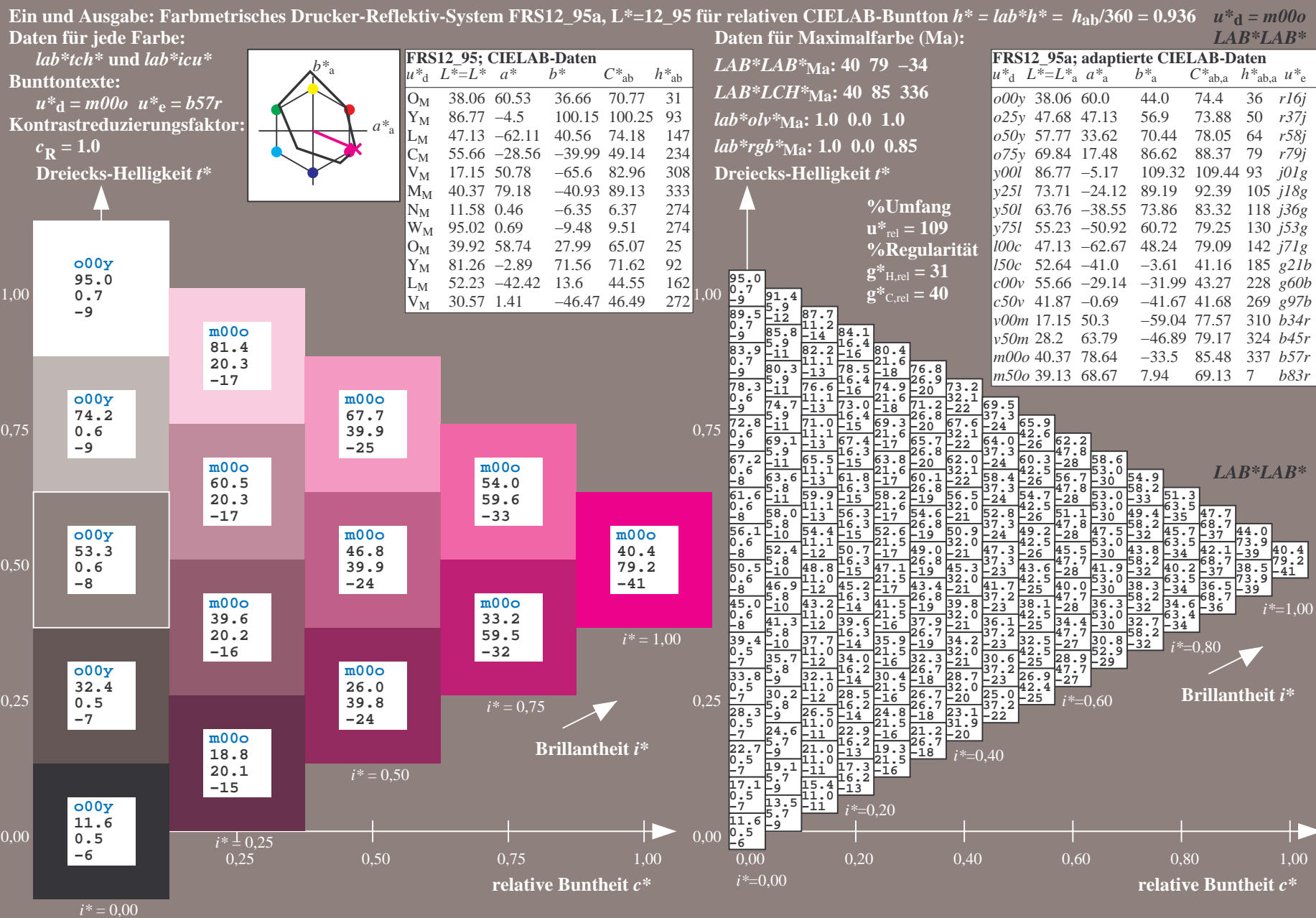




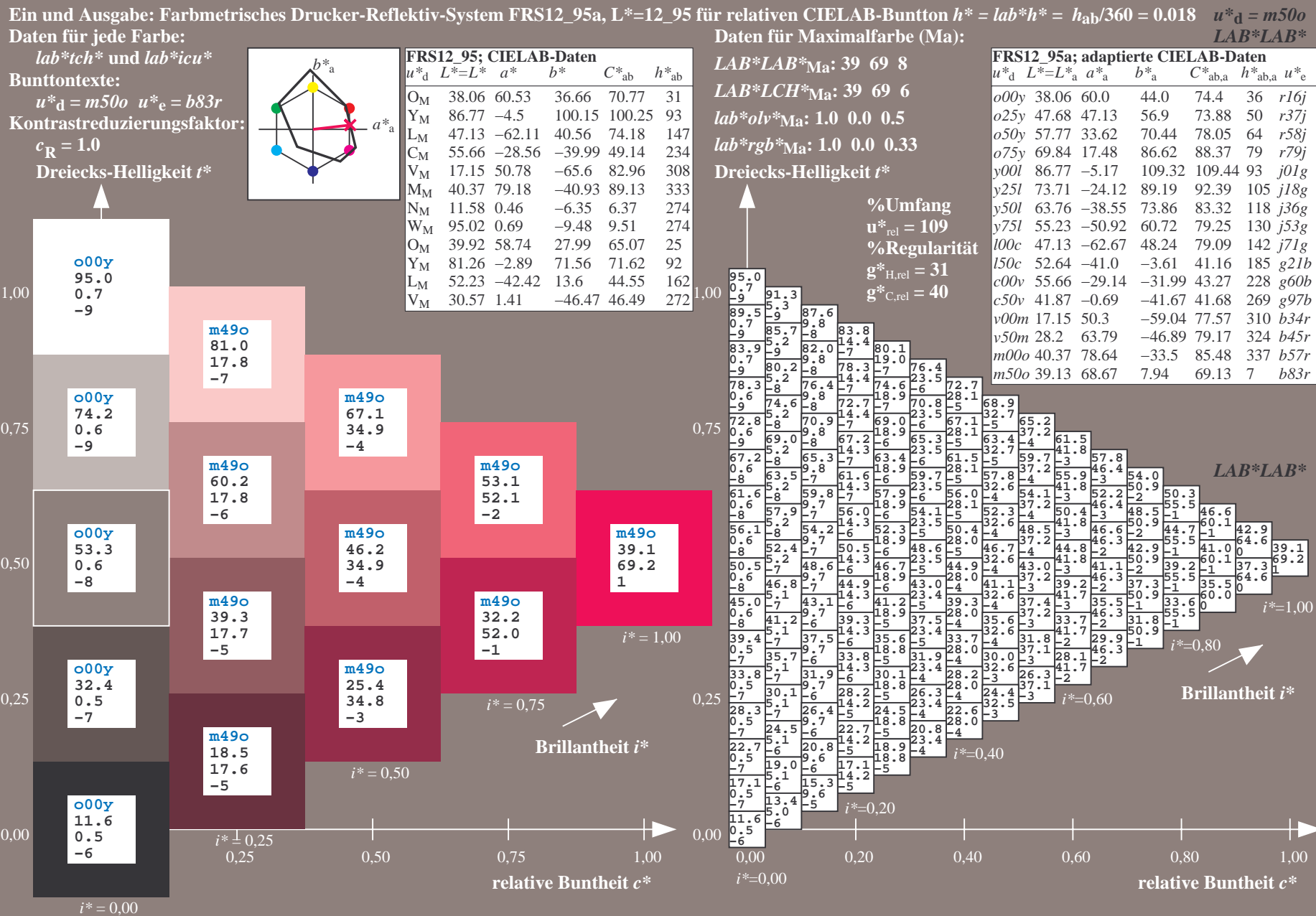












Siehe ähnliche Dateien: <http://www.ps.bam.de/Fg62/>; [www.ps.bam.de/Fg62/](http://www.ps.bam.de/Fg62/); [www.ps.bam.de/Fg62/](http://www.ps.bam.de/Fg62/)  
Technische Information: <http://www.ps.bam.de/Version 2.1, io=1.1, ColSp=0>

BAM-Registrierung: 20081001-Fg62/10L/L62g00NA.TXT/ .PS BAM-Material: Code=rh4ta  
Anwendung für Beurteilung und Messung von Drucker- oder Monitorsystemen

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	a	b	c	d	e	f	g	h	i	j	k	LAB*LAB*																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
01	11.6	16.0	20.5	24.9	29.4	33.8	38.2	42.7	47.1	51.4	55.7	59.9	64.1	68.3	72.5	76.7	80.9	85.1	89.3	93.5	97.7	101.9	106.1	110.3	114.5	118.7	122.9	127.1	131.3	135.5	139.7	143.9	148.1	152.3	156.5	160.7	164.9	169.1	173.3	177.5	181.7	185.9	190.1	194.3	198.5	202.7	206.9	211.1	215.3	219.5	223.7	227.9	232.1	236.3	240.5	244.7	248.9	253.1	257.3	261.5	265.7	269.9	274.1	278.3	282.5	286.7	290.9	295.1	299.3	303.5	307.7	311.9	316.1	320.3	324.5	328.7	332.9	337.1	341.3	345.5	349.7	353.9	358.1	362.3	366.5	370.7	374.9	379.1	383.3	387.5	391.7	395.9	400.1	404.3	408.5	412.7	416.9	421.1	425.3	429.5	433.7	437.9	442.1	446.3	450.5	454.7	458.9	463.1	467.3	471.5	475.7	479.9	484.1	488.3	492.5	496.7	500.9	505.1	509.3	513.5	517.7	521.9	526.1	530.3	534.5	538.7	542.9	547.1	551.3	555.5	559.7	563.9	568.1	572.3	576.5	580.7	584.9	589.1	593.3	597.5	601.7	605.9	610.1	614.3	618.5	622.7	626.9	631.1	635.3	639.5	643.7	647.9	652.1	656.3	660.5	664.7	668.9	673.1	677.3	681.5	685.7	689.9	694.1	698.3	702.5	706.7	710.9	715.1	719.3	723.5	727.7	731.9	736.1	740.3	744.5	748.7	752.9	757.1	761.3	765.5	769.7	773.9	778.1	782.3	786.5	790.7	794.9	799.1	803.3	807.5	811.7	815.9	820.1	824.3	828.5	832.7	836.9	841.1	845.3	849.5	853.7	857.9	862.1	866.3	870.5	874.7	878.9	883.1	887.3	891.5	895.7	899.9	904.1	908.3	912.5	916.7	920.9	925.1	929.3	933.5	937.7	941.9	946.1	950.3	954.5	958.7	962.9	967.1	971.3	975.5	979.7	983.9	988.1	992.3	996.5	1000.7	1004.9	1009.1	1013.3	1017.5	1021.7	1025.9	1030.1	1034.3	1038.5	1042.7	1046.9	1051.1	1055.3	1059.5	1063.7	1067.9	1072.1	1076.3	1080.5	1084.7	1088.9	1093.1	1097.3	1101.5	1105.7	1109.9	1114.1	1118.3	1122.5	1126.7	1130.9	1135.1	1139.3	1143.5	1147.7	1151.9	1156.1	1160.3	1164.5	1168.7	1172.9	1177.1	1181.3	1185.5	1189.7	1193.9	1198.1	1202.3	1206.5	1210.7	1214.9	1219.1	1223.3	1227.5	1231.7	1235.9	1240.1	1244.3	1248.5	1252.7	1256.9	1261.1	1265.3	1269.5	1273.7	1277.9	1282.1	1286.3	1290.5	1294.7	1298.9	1303.1	1307.3	1311.5	1315.7	1319.9	1324.1	1328.3	1332.5	1336.7	1340.9	1345.1	1349.3	1353.5	1357.7	1361.9	1366.1	1370.3	1374.5	1378.7	1382.9	1387.1	1391.3	1395.5	1399.7	1403.9	1408.1	1412.3	1416.5	1420.7	1424.9	1429.1	1433.3	1437.5	1441.7	1445.9	1450.1	1454.3	1458.5	1462.7	1466.9	1471.1	1475.3	1479.5	1483.7	1487.9	1492.1	1496.3	1500.5	1504.7	1508.9	1513.1	1517.3	1521.5	1525.7	1529.9	1534.1	1538.3	1542.5	1546.7	1550.9	1555.1	1559.3	1563.5	1567.7	1571.9	1576.1	1580.3	1584.5	1588.7	1592.9	1597.1	1601.3	1605.5	1609.7	1613.9	1618.1	1622.3	1626.5	1630.7	1634.9	1639.1	1643.3	1647.5	1651.7	1655.9	1660.1	1664.3	1668.5	1672.7	1676.9	1681.1	1685.3	1689.5	1693.7	1697.9	1702.1	1706.3	1710.5	1714.7	1718.9	1723.1	1727.3	1731.5	1735.7	1739.9	1744.1	1748.3	1752.5	1756.7	1760.9	1765.1	1769.3	1773.5	1777.7	1781.9	1786.1	1790.3	1794.5	1798.7	1802.9	1807.1	1811.3	1815.5	1819.7	1823.9	1828.1	1832.3	1836.5	1840.7	1844.9	1849.1	1853.3	1857.5	1861.7	1865.9	1870.1	1874.3	1878.5	1882.7	1886.9	1891.1	1895.3	1899.5	1903.7	1907.9	1912.1	1916.3	1920.5	1924.7	1928.9	1933.1	1937.3	1941.5	1945.7	1949.9	1954.1	1958.3	1962.5	1966.7	1970.9	1975.1	1979.3	1983.5	1987.7	1991.9	1996.1	2000.3	2004.5	2008.7	2012.9	2017.1	2021.3	2025.5	2029.7	2033.9	2038.1	2042.3	2046.5	2050.7	2054.9	2059.1	2063.3	2067.5	2071.7	2075.9	2080.1	2084.3	2088.5	2092.7	2096.9	2101.1	2105.3	2109.5	2113.7	2117.9	2122.1	2126.3	2130.5	2134.7	2138.9	2143.1	2147.3	2151.5	2155.7	2159.9	2164.1	2168.3	2172.5	2176.7	2180.9	2185.1	2189.3	2193.5	2197.7	2201.9	2206.1	2210.3	2214.5	2218.7	2222.9	2227.1	2231.3	2235.5	2239.7	2243.9	2248.1	2252.3	2256.5	2260.7	2264.9	2269.1	2273.3	2277.5	2281.7	2285.9	2290.1	2294.3	2298.5	2302.7	2306.9	2311.1	2315.3	2319.5	2323.7	2327.9	2332.1	2336.3	2340.5	2344.7	2348.9	2353.1	2357.3	2361.5	2365.7	2369.9	2374.1	2378.3	2382.5	2386.7	2390.9	2395.1	2399.3	2403.5	2407.7	2411.9	2416.1	2420.3	2424.5	2428.7	2432.9	2437.1	2441.3	2445.5	2449.7	2453.9	2458.1	2462.3	2466.5	2470.7	2474.9	2479.1	2483.3	2487.5	2491.7	2495.9	2500.1	2504.3	2508.5	2512.7	2516.9	2521.1	2525.3	2529.5	2533.7	2537.9	2542.1	2546.3	2550.5	2554.7	2558.9	2563.1	2567.3	2571.5	2575.7	2579.9	2584.1	2588.3	2592.5	2596.7	2600.9	2605.1	2609.3	2613.5	2617.7	2621.9	2626.1	2630.3	2634.5	2638.7	2642.9	2647.1	2651.3	2655.5	2659.7	2663.9	2668.1	2672.3	2676.5	2680.7	2684.9	2689.1	2693.3	2697.5	2701.7	2705.9	2710.1	2714.3	2718.5	2722.7	2726.9	2731.1	2735.3	2739.5	2743.7	2747.9	2752.1	2756.3	2760.5	2764.7	2768.9	2773.1	2777.3	2781.5	2785.7	2789.9	2794.1	2798.3	2802.5	2806.7	2810.9	2815.1	2819.3	2823.5	2827.7	2831.9	2836.1	2840.3	2844.5	2848.7	2852.9	2857.1	2861.3	2865.5	2869.7	2873.9	2878.1	2882.3	2886.5	2890.7	2894.9	2899.1	2903.3	2907.5	2911.7	2915.9	2920.1	2924.3	2928.5	2932.7	2936.9	2941.1	2945.3	2949.5	2953.7	2957.9	2962.1	2966.3	2970.5	2974.7	2978.9	2983.1	2987.3	2991.5	2995.7	2999.9	3004.1	3008.3	3012.5	3016.7	3020.9	3025.1	3029.3	3033.5	3037.7	3041.9	3046.1	3050.3	3054.5	3058.7	3062.9	3067.1	3071.3	3075.5	3079.7	3083.9	3088.1	3092.3	3096.5	3100.7	3104.9	3109.1	3113.3	3117.5	3121.7	3125.9	3130.1	3134.3	3138.5	3142.7	3146.9	3151.1	3155.3	3159.5	3163.7	3167.9	3172.1	3176.3	3180.5	3184.7	3188.9	3193.1	3197.3	3201.5	3205.7	3209.9	3214.1	3218.3	3222.5	3226.7	3230.9	3235.1	3239.3	3243.5	3247.7	3251.9	3256.1	3260.3	3264.5	3268.7	3272.9	3277.1	3281.3	3285.5	3289.7	3293.9	3298.1	3302.3	3306.5	3310.7	3314.9	3319.1	3323.3	3327.5	3331.7	3335.9	3340.1	3344.3	3348.5	3352.7	3356.9	3361.1	3365.3	3369.5	3373.7	3377.9	3382.1	3386.3	3390.5	3394.7	3398.9	3403.1	3407.3	3411.5	3415.7	3419.9	3424.1	3428.3	3432.5	3436.7	3440.9	3445.1	3449.3	3453.5	3457.7	3461.9	3466.1	3470.3	3474.5	3478.7	3482.9	3487.1	3491.3	3495.5	3499.7	3503.9	3508.1	3512.3	3516.5	3520.7	3524.9	3529.1	3533.3	3537.5	3541.7	3545.9	3550.1	3554.3	3558.5	3562.7	3566.9	3571.1	3575.3	3579.5	3583.7	3587.9	3592.1	3596.3	3600.5	3604.7	3608.9	3613.1	3617.3	3621.5	3625.7	3629.9	3634.1	3638.3	3642.5	3646.7	3650.9	3655.1	3659.3	3663.5	3667.7	3671.9	3676.1	3680.3	3684.5	3688.7	3692.9	3697.1	3701.3	3705.5	3709.7	3713.9	3718.1	3722.3	3726.5	3730.7	3734.9	3739.1	3743.3	3747.5	3751.7	3755.9	3760.1	3764.3	3768.5	3772.7	3776.9	3781.1	3785.3	3789.5	3793.7	3797.9	3802.1	3806.3	3810.5	3814.7	3818.9	3823.1	3827.3	3831.5	3835.7	3839.9	3844.1	3848.3	3852.5	3856.7	3860.9	3865.1	3869.3	3873.5	3877.7	3881.9	3886.1	3890.3	3894.5	3898.7	3902.9	3907.1	3911.3	3915.5	3919.7	3923

Ein und Ausgabe:  
Farbmetrisches Drucker-Reflektiv-System FRS12\_95a  
Daten für jede Farbe:

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

Geräte-Bunttontext:

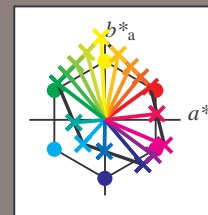
$u^*_d$  = 16 Bunttoene  $o00y$ ,  $o25y$ , ...,  $m50o$

Kontrastreduzierungsfaktor:

$c_R = 1.0$

FRS12\_95a; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
$o00y$	38.06	60.0	44.0	74.4	36	$r16j$
$o25y$	47.68	47.13	56.9	73.88	50	$r37j$
$o50y$	57.77	33.62	70.44	78.05	64	$r58j$
$o75y$	69.84	17.48	86.62	88.37	79	$r79j$
$y00l$	86.77	-5.17	109.32	109.44	93	$j01g$
$y25l$	73.71	-24.12	89.19	92.39	105	$j18g$
$y50l$	63.76	-38.55	73.86	83.32	118	$j36g$
$y75l$	55.23	-50.92	60.72	79.25	130	$j53g$
$l00c$	47.13	-62.67	48.24	79.09	142	$j71g$
$l50c$	52.64	-41.0	-3.61	41.16	185	$g21b$
$c00v$	55.66	-29.14	-31.99	43.27	228	$g60b$
$c50v$	41.87	-0.69	-41.67	41.68	269	$g97b$
$v00m$	17.15	50.3	-59.04	77.57	310	$b34r$
$v50m$	28.2	63.79	-46.89	79.17	324	$b45r$
$m00o$	40.37	78.64	-33.5	85.48	337	$b57r$
$m50o$	39.13	68.67	7.94	69.13	7	$b83r$



%Umfang

$u^*_{rel} = 109$

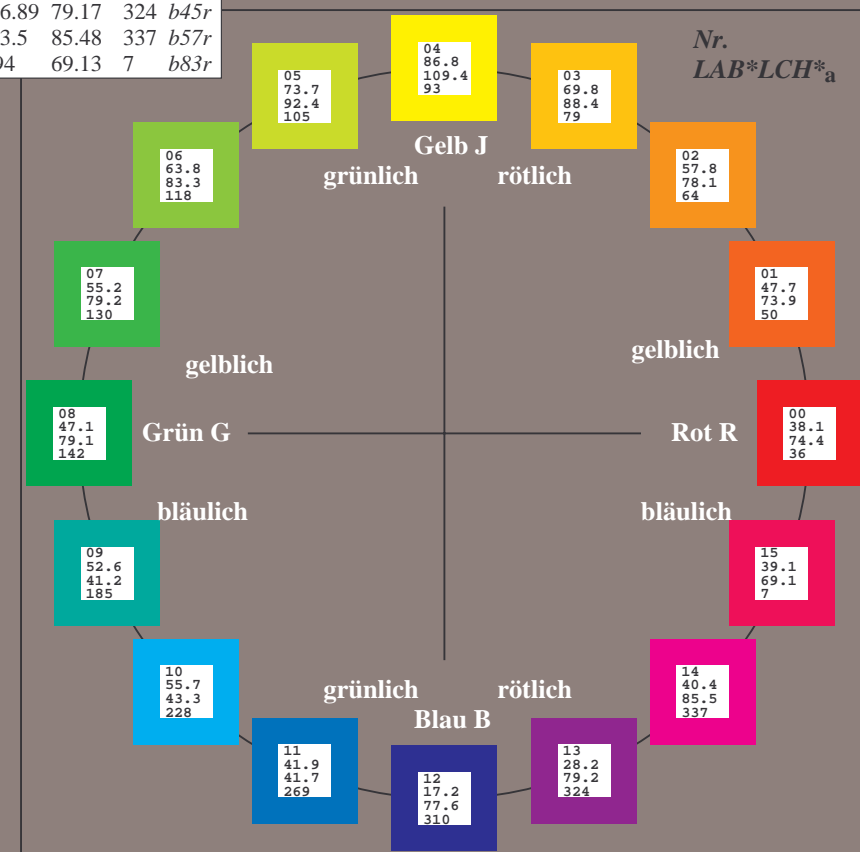
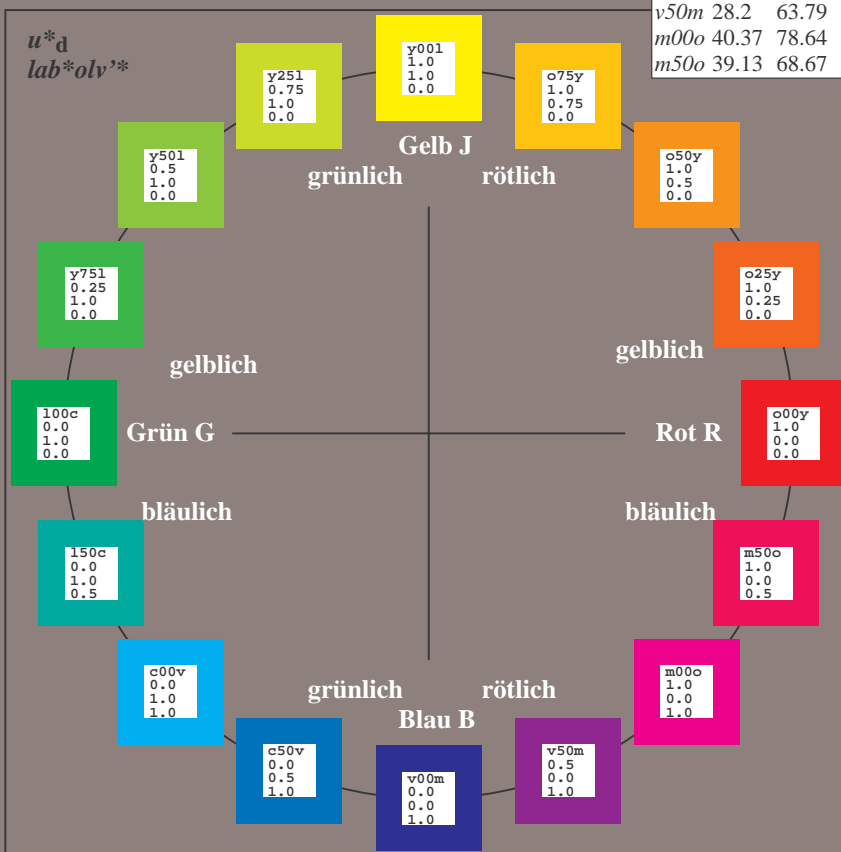
%Regularität

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

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

FRS12\_95a; CIELAB-Daten

Name	$L^*=L^*$	$a^*$	$b^*$	$C^*_{ab}$	$h^*_{ab}$
$O_M$	38.06	60.53	36.66	70.77	31
$Y_M$	86.77	-4.5	100.15	100.25	93
$L_M$	47.13	-62.11	40.56	74.18	147
$C_M$	55.66	-28.56	-39.99	49.14	234
$V_M$	17.15	50.78	-65.6	82.96	308
$M_M$	40.37	79.18	-40.93	89.13	333
$N_M$	11.58	0.46	-6.35	6.37	274
$W_M$	95.02	0.69	-9.48	9.51	274
$O_{CIE}$	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: Farbmétrisches Drucker-Reflektiv-System FRS12\_95a,  $L^*=12_{95}$  für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.101$

### Daten für jede Farbe:

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

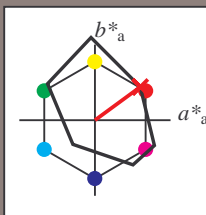
### Bunttexte:

$$u_d^* = 000y \quad u_e^* = r16j$$

**Kontrastreduzierungsfaktor:**

 $c_R = 1.0$ 

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



FRS12_95a; CIELAB-Daten					
$u^*_d$	$L^*=L^*$	$a^*$	$b^*$	$C^*_{ab}$	$h^*_{ab}$
O <sub>M</sub>	38.06	60.53	36.66	70.77	31
Y <sub>M</sub>	86.77	-4.5	100.15	100.25	93
L <sub>M</sub>	47.13	-62.11	40.56	74.18	147
C <sub>M</sub>	55.66	-28.56	-39.99	49.14	234
V <sub>M</sub>	17.15	50.78	-65.6	82.96	308
M <sub>M</sub>	40.37	79.18	-40.93	89.13	333
N <sub>M</sub>	11.58	0.46	-6.35	6.37	274
W <sub>M</sub>	95.02	0.69	-9.48	9.51	274
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\*Me*: 38 60 44

LAD\*LCII\* 38 54 26

**LAB\*LCH\*Ma: 38 74 3**

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

*lab\*rgb\*\_Ma: 1.0 0.16 0.0*

### Dreiecks-Helligkeit $t^*$

## %Umfang

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

### %Regularität

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

FRS12_95a; adaptierte CIELAB-Daten							
	$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
<i>o00y</i>	38.06	60.0		44.0	74.4	36	<i>r16i</i>
<i>o25y</i>	47.68	47.13		56.9	73.88	50	<i>r37j</i>
<i>o50y</i>	57.77	33.62		70.44	78.05	64	<i>r58j</i>
<i>o75y</i>	69.84	17.48		86.62	88.37	79	<i>r79j</i>
<i>y00l</i>	86.77	-5.17		109.32	109.44	93	<i>j01g</i>
<i>y25l</i>	73.71	-24.12		89.19	92.39	105	<i>j18g</i>
<i>y50l</i>	63.76	-38.55		73.86	83.32	118	<i>j36g</i>
<i>y75l</i>	55.23	-50.92		60.72	79.25	130	<i>j53g</i>
<i>l00c</i>	47.13	-62.67		48.24	79.09	142	<i>j71g</i>
<i>l50c</i>	52.64	-41.0		-3.61	41.16	185	<i>g21b</i>
<i>c00v</i>	55.66	-29.14		-31.99	43.27	228	<i>g60b</i>
<i>c50v</i>	41.87	-0.69		-41.67	41.68	269	<i>g97b</i>
<i>v00m</i>	17.15	50.3		-59.04	77.57	310	<i>b34r</i>
<i>v50m</i>	28.2	63.79		-46.89	79.17	324	<i>b45r</i>
<i>m00o</i>	40.37	78.64		-33.5	85.48	337	<i>b57r</i>
<i>m50o</i>	39.13	68.67		7.94	69.13	7	<i>b83r</i>

*lab\*olv'\**

## Brillantheit $i^*$

relative Buntheit  $c^*$ 

## BAM-Prüfvorlage Fg62: Relatives Geräte-Farbsystem

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

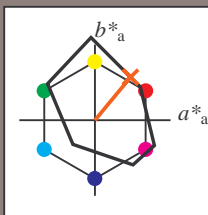
D65: Farbreihen, Datentabellen für 16 Bunttöne *o00y* bis *m50o* Ausgabe: *->cmv0\* setcmykcolor*



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS12\_95a, L\*=12\_95 für relative CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.14$   $u^*_d = o25y$   
Daten für jede Farbe:  $lab^*tch^*$  und  $lab^*icu^*$

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

Kontrastreduzierungsfaktor:  
 $c_R = 1.0$   
Dreiecks-Helligkeit  $i^*$



FRS12_95a; CIELAB-Daten						
$u^*_d$	$L^*=L^*$	$a^*$	$b^*$	$C^*_{ab}$	$h^*_{ab}$	
O <sub>M</sub>	38.06	60.53	36.66	70.77	31	
Y <sub>M</sub>	86.77	-4.5	100.15	100.25	93	
L <sub>M</sub>	47.13	-62.11	40.56	74.18	147	
C <sub>M</sub>	55.66	-28.56	-39.99	49.14	234	
V <sub>M</sub>	17.15	50.78	-65.6	82.96	308	
M <sub>M</sub>	40.37	79.18	-40.93	89.13	333	
N <sub>M</sub>	11.58	0.46	-6.35	6.37	274	
W <sub>M</sub>	95.02	0.69	-9.48	9.51	274	
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):

$LAB^*LAB^*_{Ma}$ : 48 47 57

$LAB^*LCH^*_{Ma}$ : 48 74 50

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

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

Dreiecks-Helligkeit  $i^*$

%Umfang

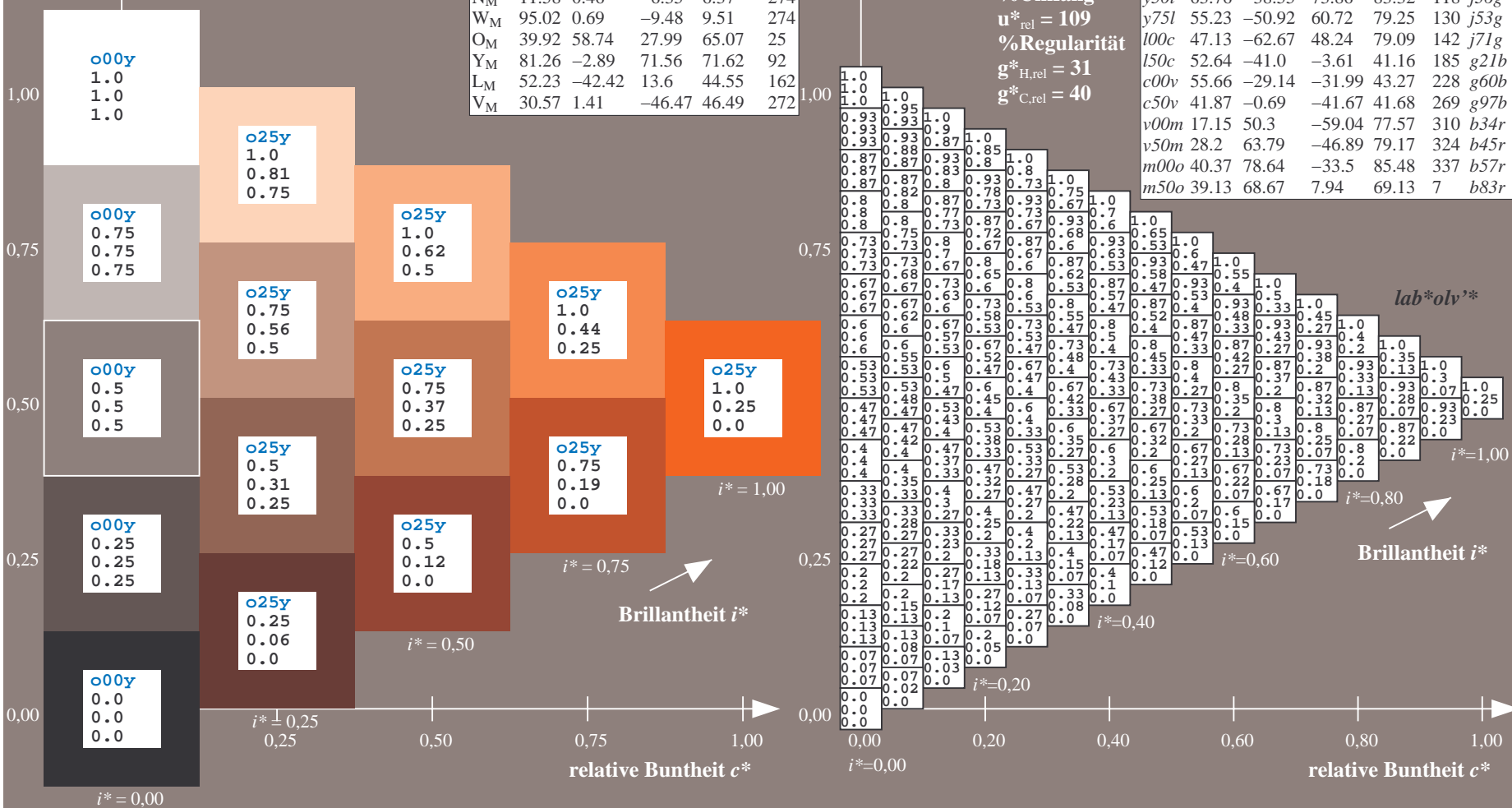
$u^*_{rel} = 109$

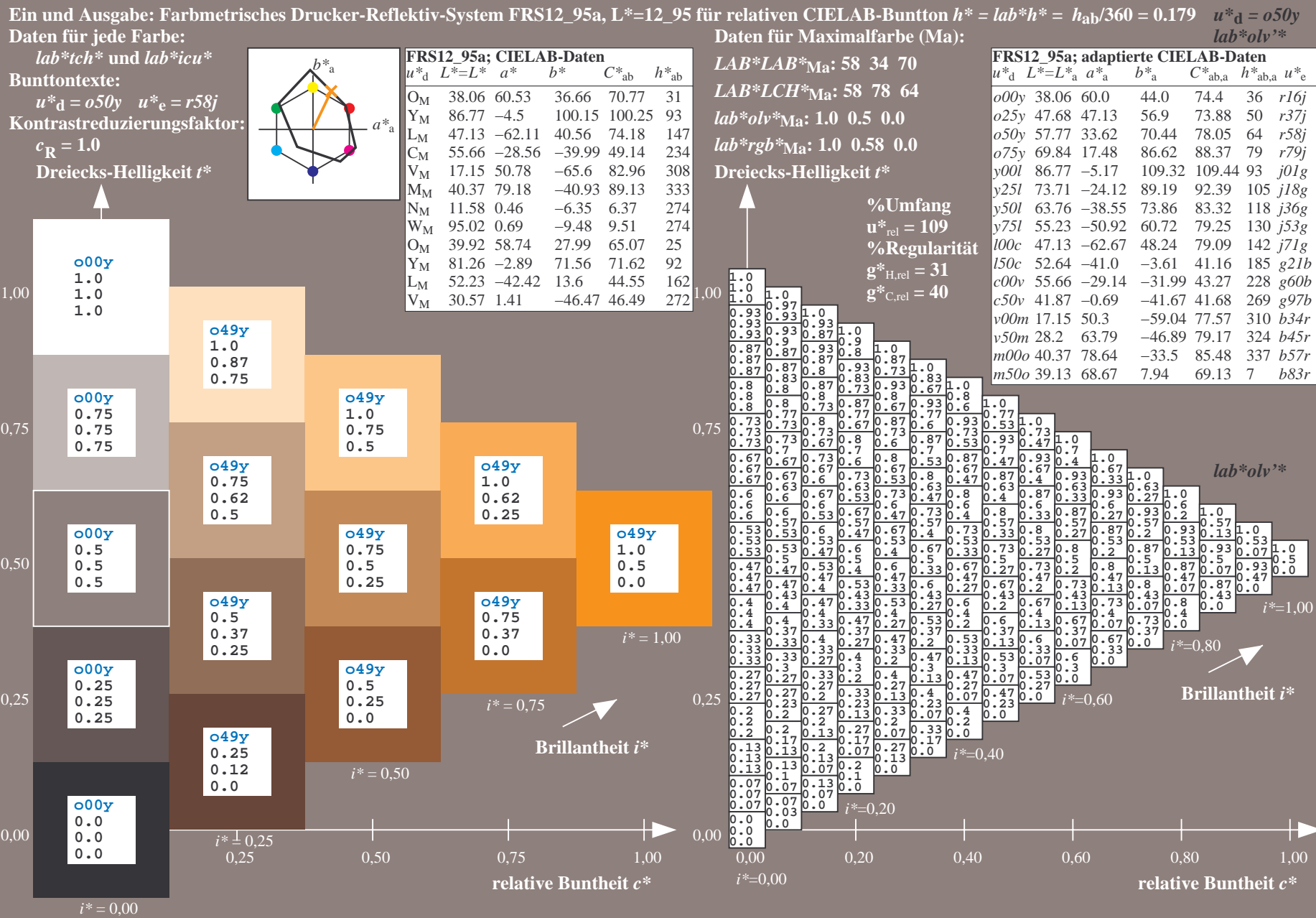
%Regularität

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

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

FRS12_95a; adaptierte CIELAB-Daten							
$u^*_d$	$L^*=L^*$	$a^*$	$b^*$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$	
o00y	38.06	60.0	44.0	74.4	36	r16j	
o25y	47.68	47.13	56.9	73.88	50	r37j	
o50y	57.77	33.62	70.44	78.05	64	r58j	
o75y	69.84	17.48	86.62	88.37	79	r79j	
y00l	86.77	-5.17	109.32	109.44	93	j01g	
y25l	73.71	-24.12	89.19	92.39	105	j18g	
y50l	63.76	-38.55	73.86	83.32	118	j36g	
y75l	55.23	-50.92	60.72	79.25	130	j53g	
l00c	47.13	-62.67	48.24	79.09	142	j71g	
l50c	52.64	-41.0	-3.61	41.16	185	g21b	
c50v	55.66	-29.14	-31.99	43.27	228	g60b	
c50v	41.87	-0.69	-41.67	41.68	269	g97b	
v00m	17.15	50.3	-59.04	77.57	310	b34r	
v50m	28.2	63.79	-46.89	79.17	324	b45r	
m00o	40.37	78.64	-33.5	85.48	337	b57r	
m50o	39.13	68.67	7.94	69.13	7	b83r	





### Daten für jede Farbe:

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

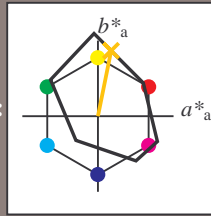
## Bunttontexte:

$$u^*_d = 0.75y \quad u^*_e = 0.79j$$

### Kontrastreduzierungsfaktor:

 $c_R = 1.0$ 

### Dreiecks-Helligkeit $t^*$



FRS12\_95a; CIELAB-Daten

$u_d^*$	$L^* - L^*$	$a^*$	$b^*$	$C_{ab}^*$	$h_{ab}^*$
O <sub>M</sub>	38.06	60.53	36.66	70.77	31
Y <sub>M</sub>	86.77	-4.5	100.15	100.25	93
L <sub>M</sub>	47.13	-62.11	40.56	74.18	147
C <sub>M</sub>	55.66	-28.56	-39.99	49.14	234
V <sub>M</sub>	17.15	50.78	-65.6	82.96	308
M <sub>M</sub>	40.37	79.18	-40.93	89.13	333
N <sub>M</sub>	11.58	0.46	-6.35	6.37	274
W <sub>M</sub>	95.02	0.69	-9.48	9.51	274
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\**M<sub>3</sub>: 70 17 87

*LAP\*LCH\** - - 70 88 79

**LAB LCH<sup>+</sup>Ma: 70 88 78**

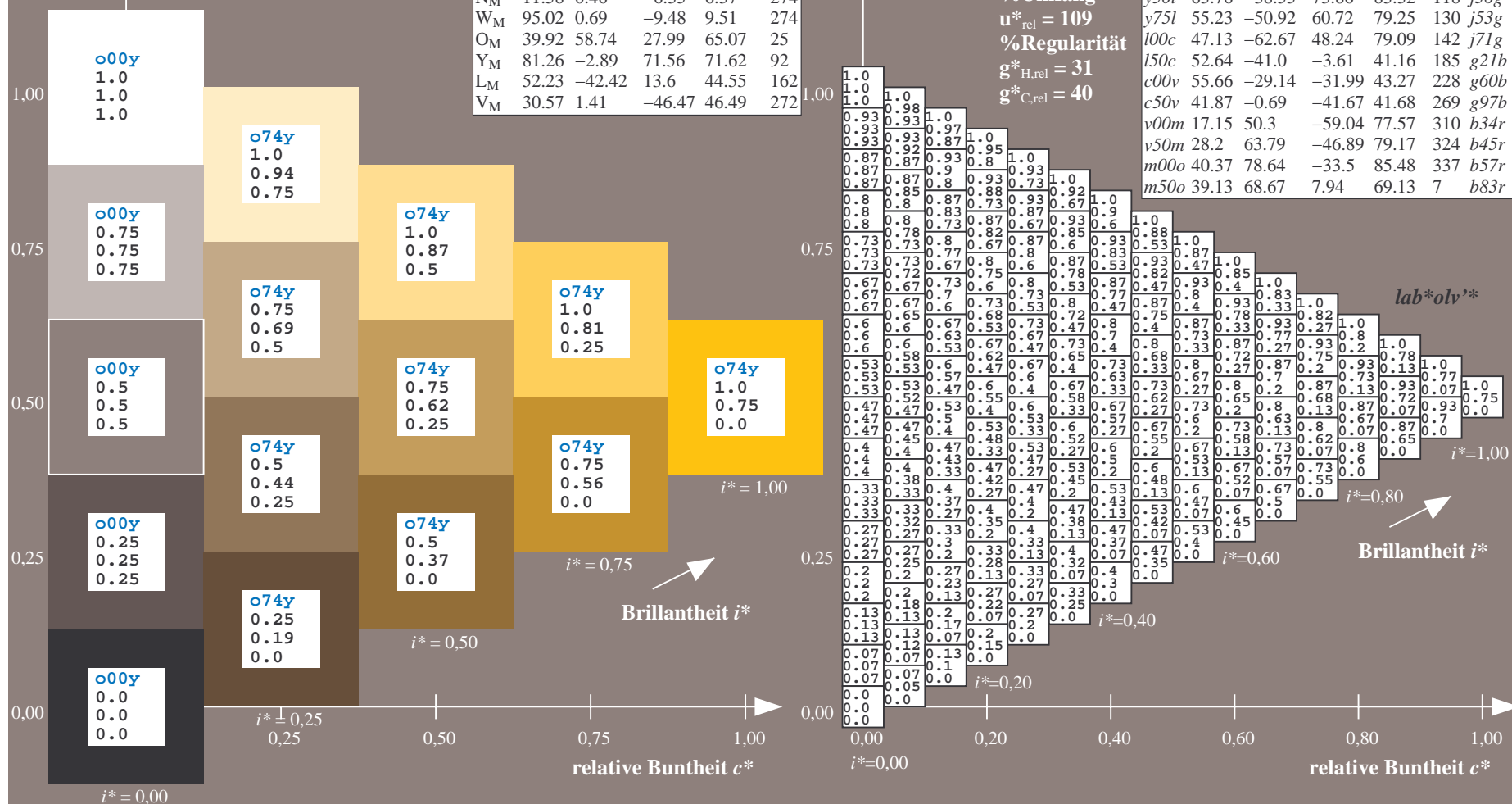
*lab\*olv\**Ma: 1.0 0.75 0.0

*lab\*rgb*<sub>Ma</sub>: 1.0 0.79 0.0

### Dreiecks-Helligkeit $t^*$

FRS12\_95a; adaptierte CIELAB-Daten

$u_d^*$	$L^*=L_a^*$	$a_a^*$	$b_a^*$	$C_{ab,a}^*$	$h_{ab,a}^*$	$u_e^*$
<i>o00y</i>	38.06	60.0	44.0	74.4	36	<i>r16j</i>
<i>o25y</i>	47.68	47.13	56.9	73.88	50	<i>r37j</i>
<i>o50y</i>	57.77	33.62	70.44	78.05	64	<i>r58j</i>
<i>o75y</i>	69.84	17.48	86.62	88.37	79	<i>r79j</i>
<i>y00l</i>	86.77	-5.17	109.32	109.44	93	<i>j01g</i>
<i>y25l</i>	73.71	-24.12	89.19	92.39	105	<i>j18g</i>
<i>y50l</i>	63.76	-38.55	73.86	83.32	118	<i>j36g</i>
<i>y75l</i>	55.23	-50.92	60.72	79.25	130	<i>j53g</i>
<i>l00c</i>	47.13	-62.67	48.24	79.09	142	<i>j71g</i>
<i>l50c</i>	52.64	-41.0	-3.61	41.16	185	<i>g21b</i>
<i>c00v</i>	55.66	-29.14	-31.99	43.27	228	<i>g60b</i>
<i>c50v</i>	41.87	-0.69	-41.67	41.68	269	<i>g97b</i>
<i>v00m</i>	17.15	50.3	-59.04	77.57	310	<i>b34r</i>
<i>v50m</i>	28.2	63.79	-46.89	79.17	324	<i>b45r</i>
<i>m00o</i>	40.37	78.64	-33.5	85.48	337	<i>b57r</i>
<i>m50o</i>	39.13	68.67	7.94	69.13	7	<i>b83r</i>

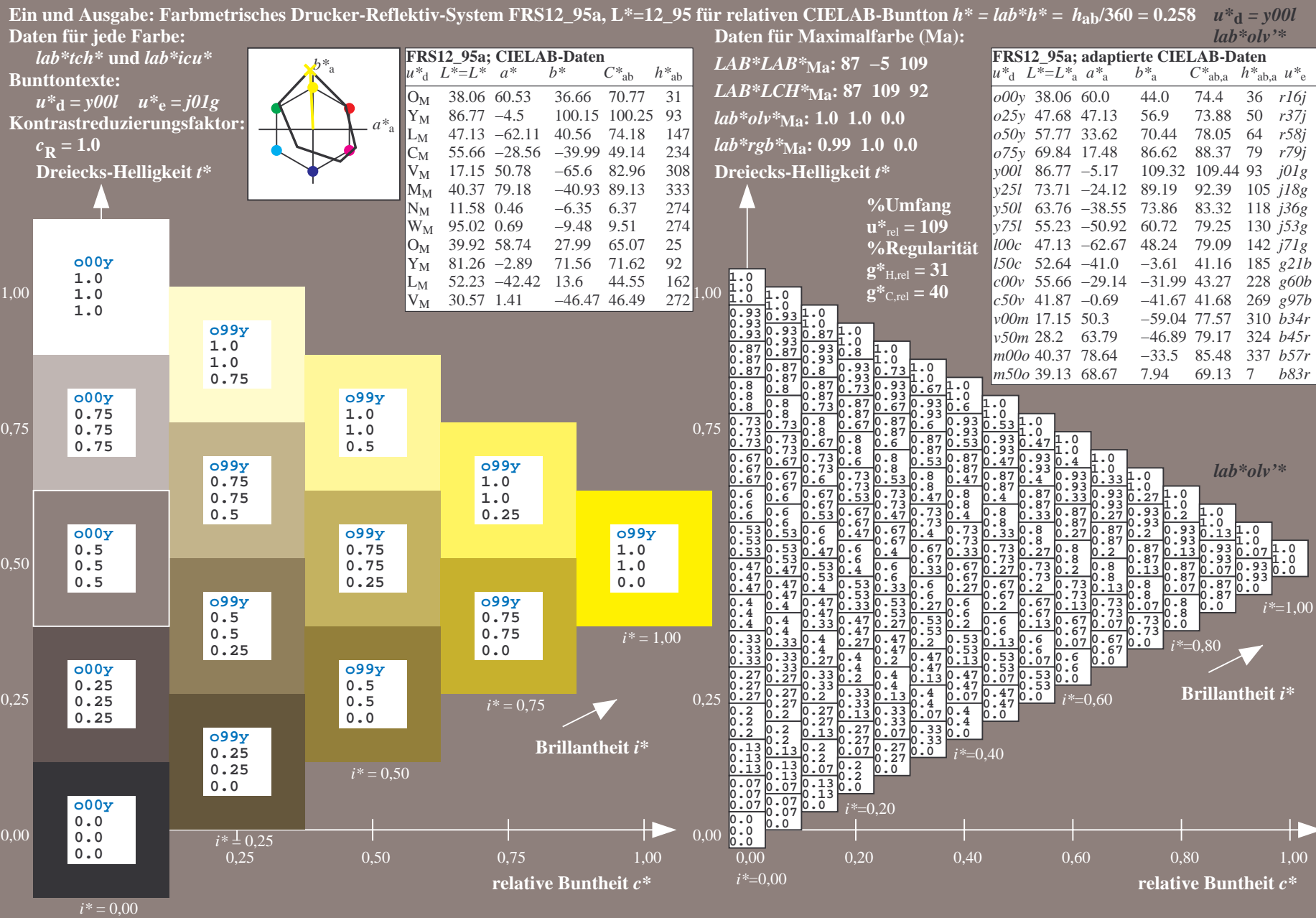


## BAM-Prüfvorlage Fg62: Relatives Geräte-Farbsystem

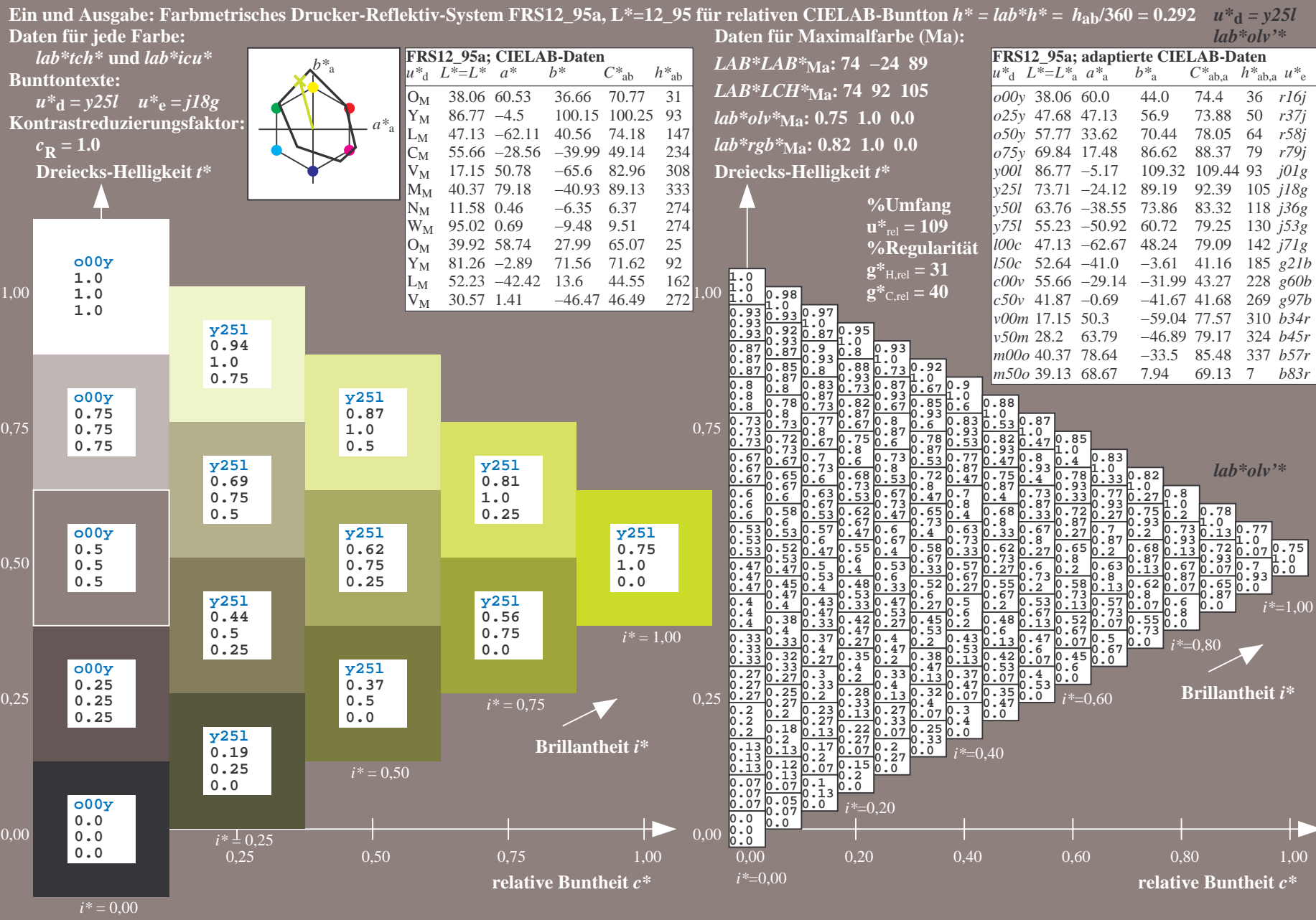
D65: Farbreihen, Datentabellen für 16 Bunttöne 000v

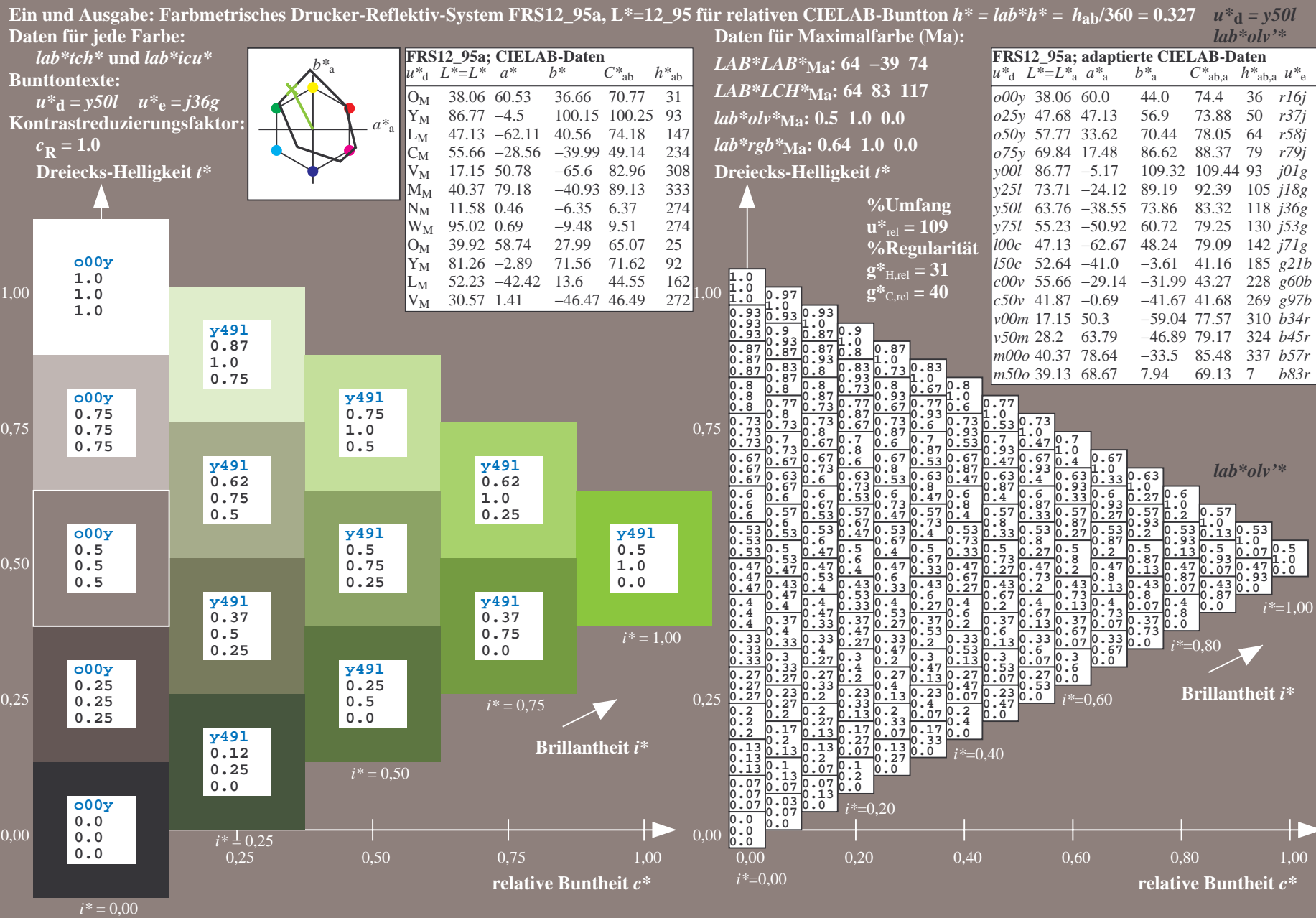
Eingabe:  $000n / w / nnn0 / www \text{ set} \dots$

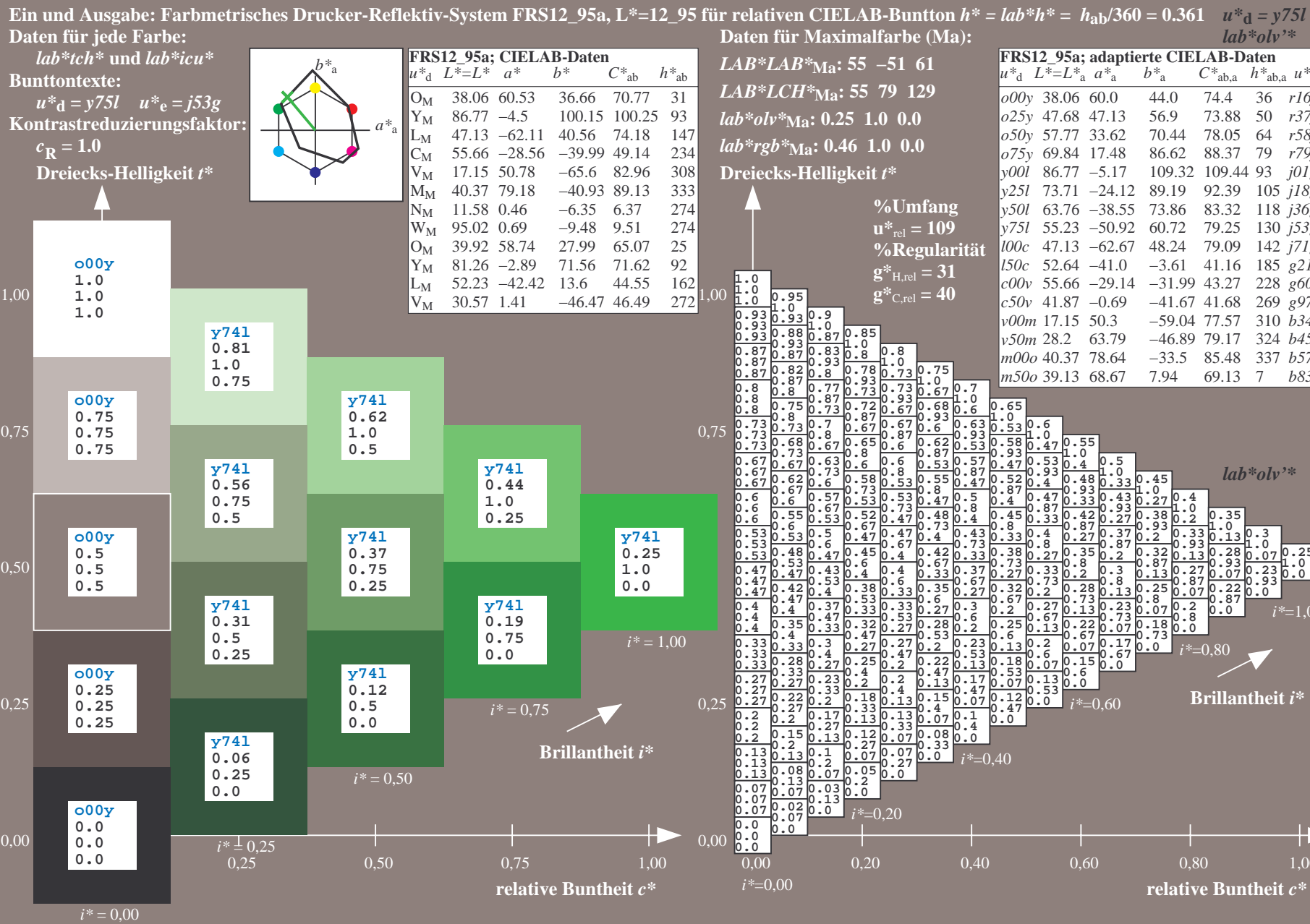
```
doAusgabe: ->cmv0* setcmvcolor
```

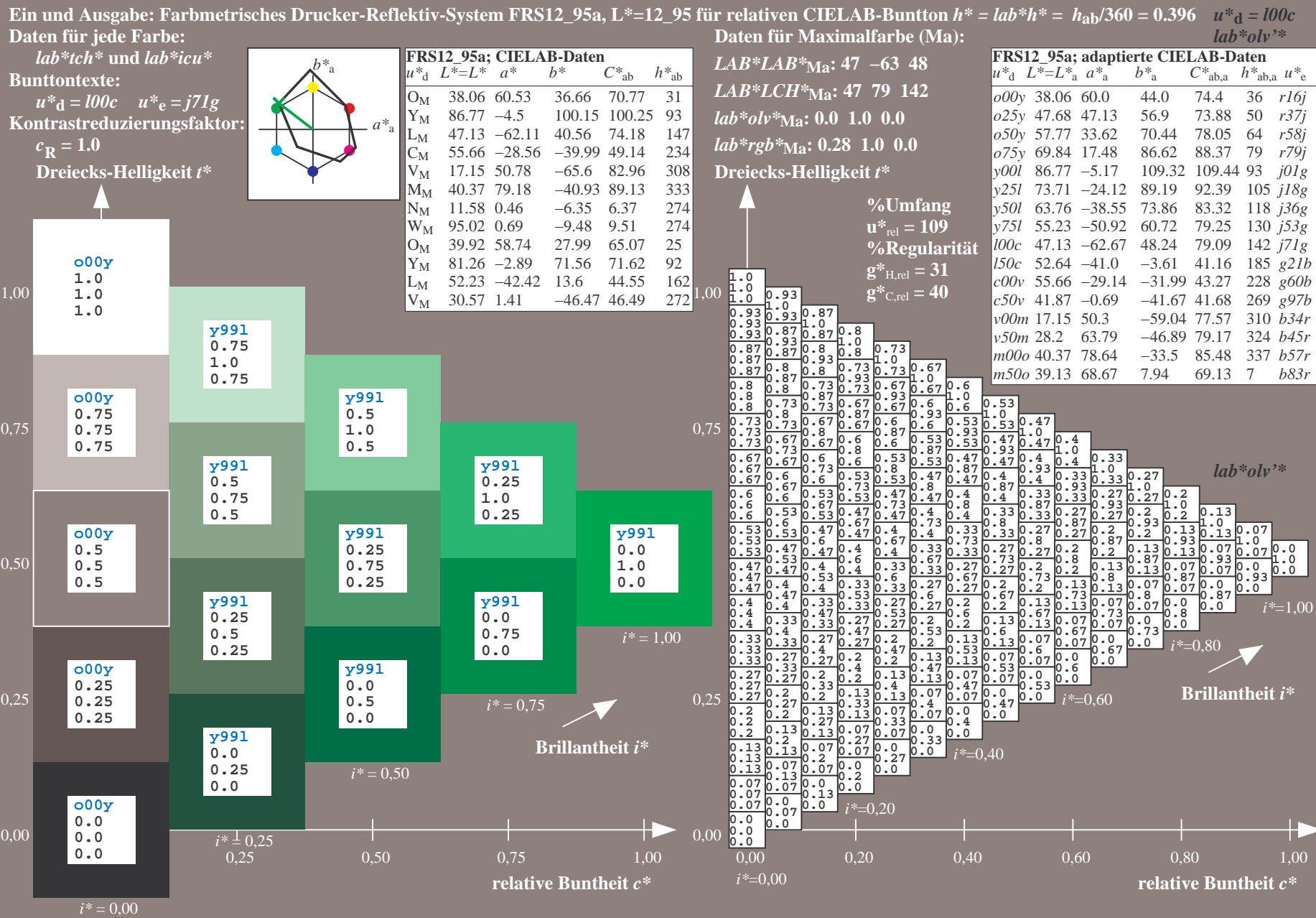




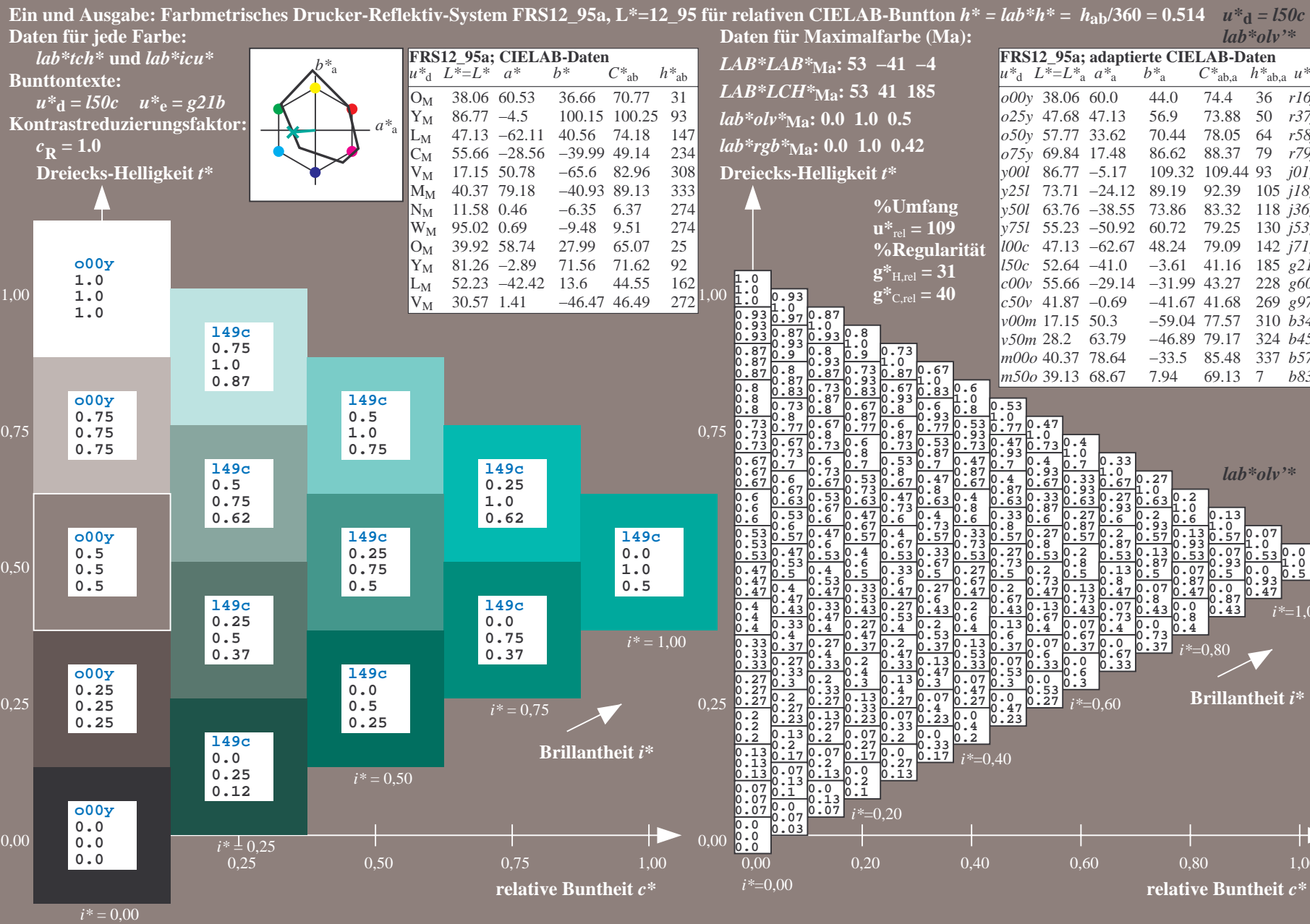


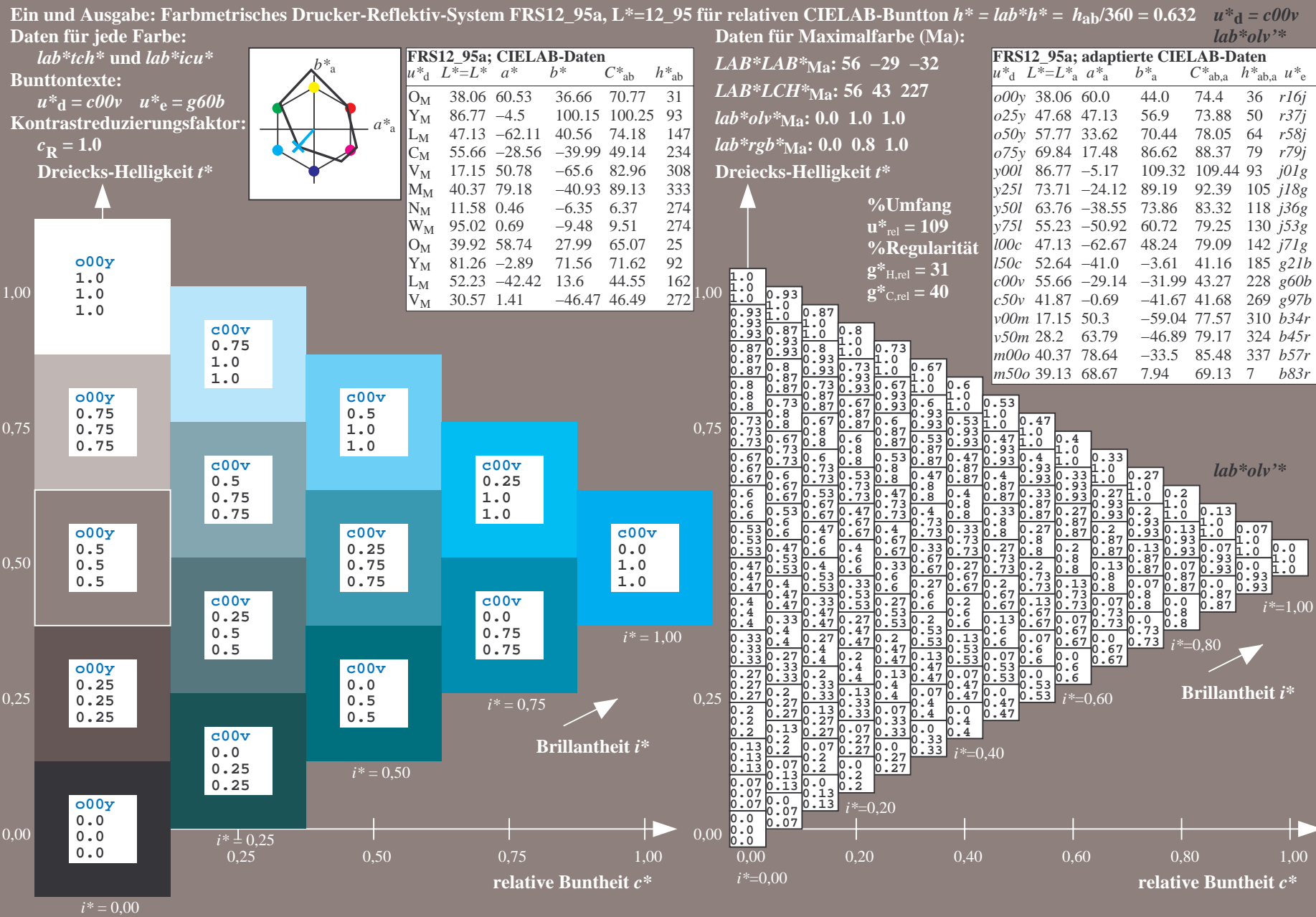


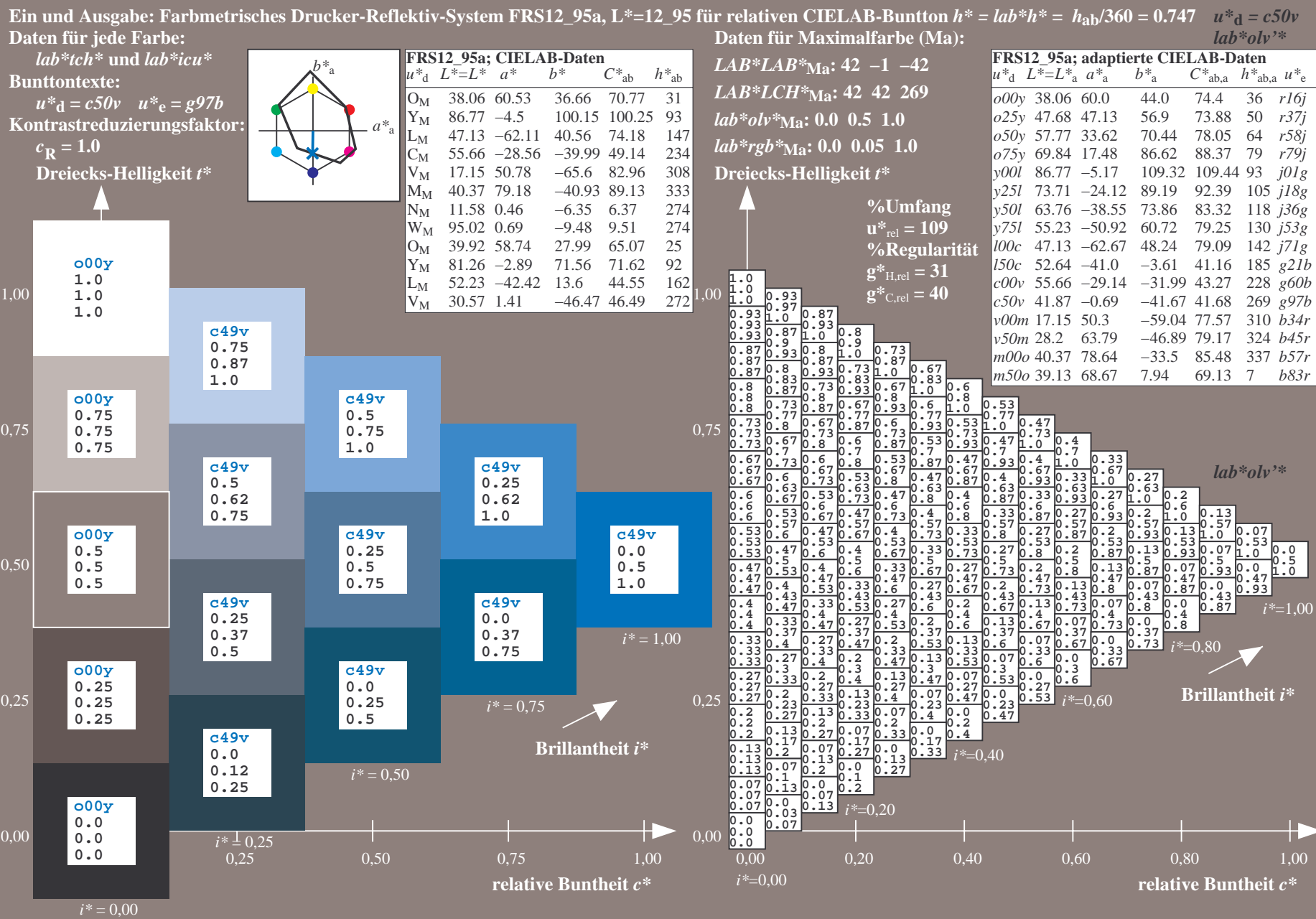


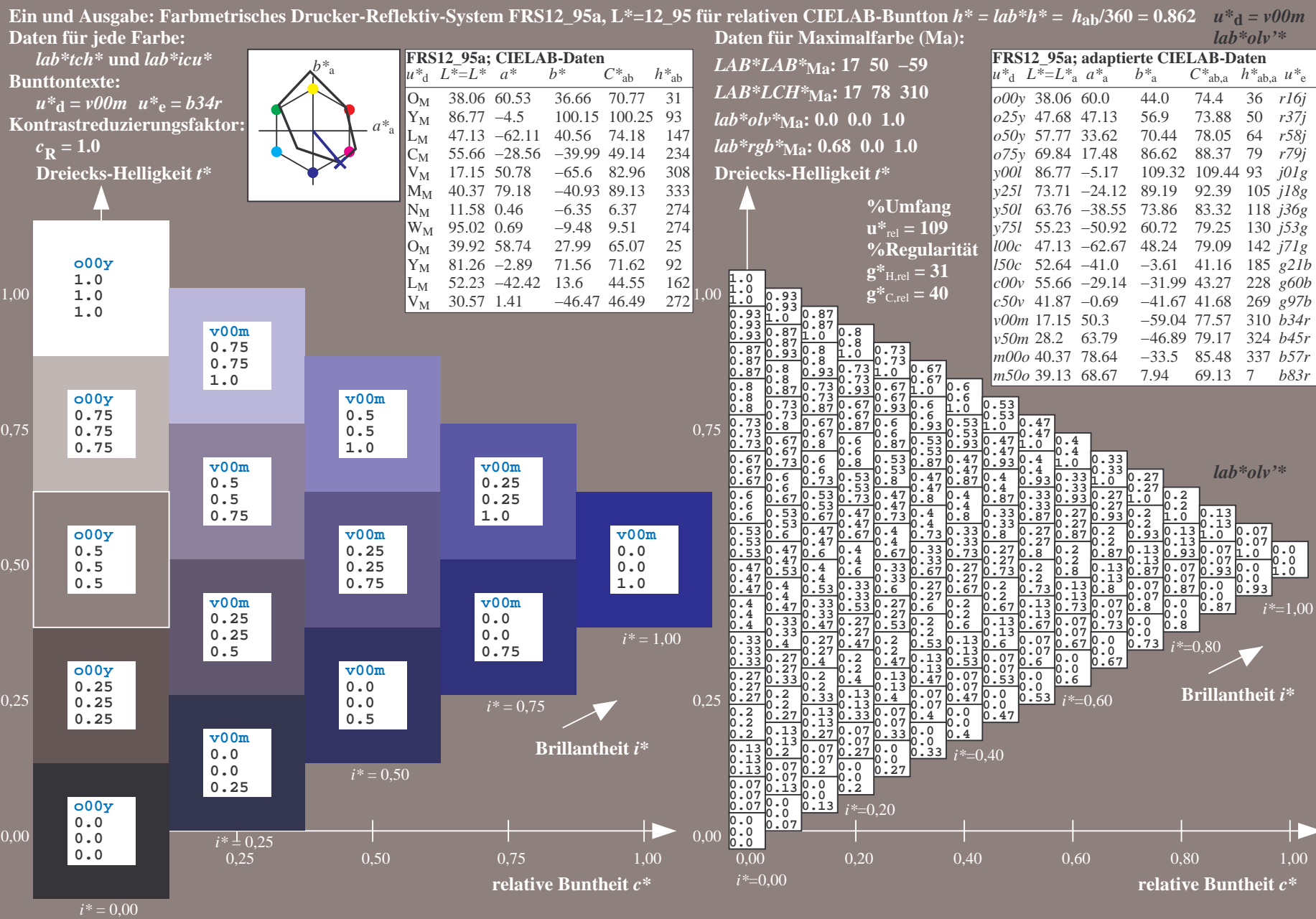














Ein und Ausgabe: Farbmétrisches Drucker-Reflektiv-System FRS12\_95a,  $L^*=12.95$  für relativen CIELAB-Buntton  $h^* = \frac{lab^*}{h^*} = \frac{h_{ab}}{360} = 0.899$   $u^*_d = v50m$

### Daten für jede Farbe:

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

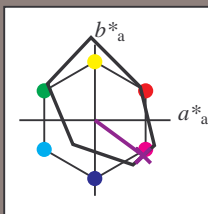
### Bunttexte:

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

**Kontrastreduzierungsfaktor:**

 $c_D = 1.0$ 

### Dreiecks-Helligkeit $t^*$



FRS12\_95a; CIELAB-Daten

$u_d^*$	$L^*=L^*$	$a^*$	$b^*$	$C_{ab}^*$	$h_{ab}^*$
$O_M$	38.06	60.53	36.66	70.77	31
$Y_M$	86.77	-4.5	100.15	100.25	93
$L_M$	47.13	-62.11	40.56	74.18	147
$C_M$	55.66	-28.56	-39.99	49.14	234
$V_M$	17.15	50.78	-65.6	82.96	308
$M_M$	40.37	79.18	-40.93	89.13	333
$N_M$	11.58	0.46	-6.35	6.37	274
$W_M$	95.02	0.69	-9.48	9.51	274
$O_M$	39.92	58.74	27.99	65.07	25
$Y_M$	81.26	-2.89	71.56	71.62	92
$L_M$	52.23	-42.42	13.6	44.55	162
$V_M$	30.57	1.41	-46.47	46.49	272

### Daten für Maximalfarbe (Ma):

LAB\*LAB\* $M_0$ : 28 64 -47

LAD\*LGII\* 20 50 222

**LAB\*LCH\*Ma: 28 79 3**

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

*lab\*rgb\*\_Ma: 0.91 0.0 1.0*

### Dreiecks-Helligkeit $t^*$

**%Umfang**

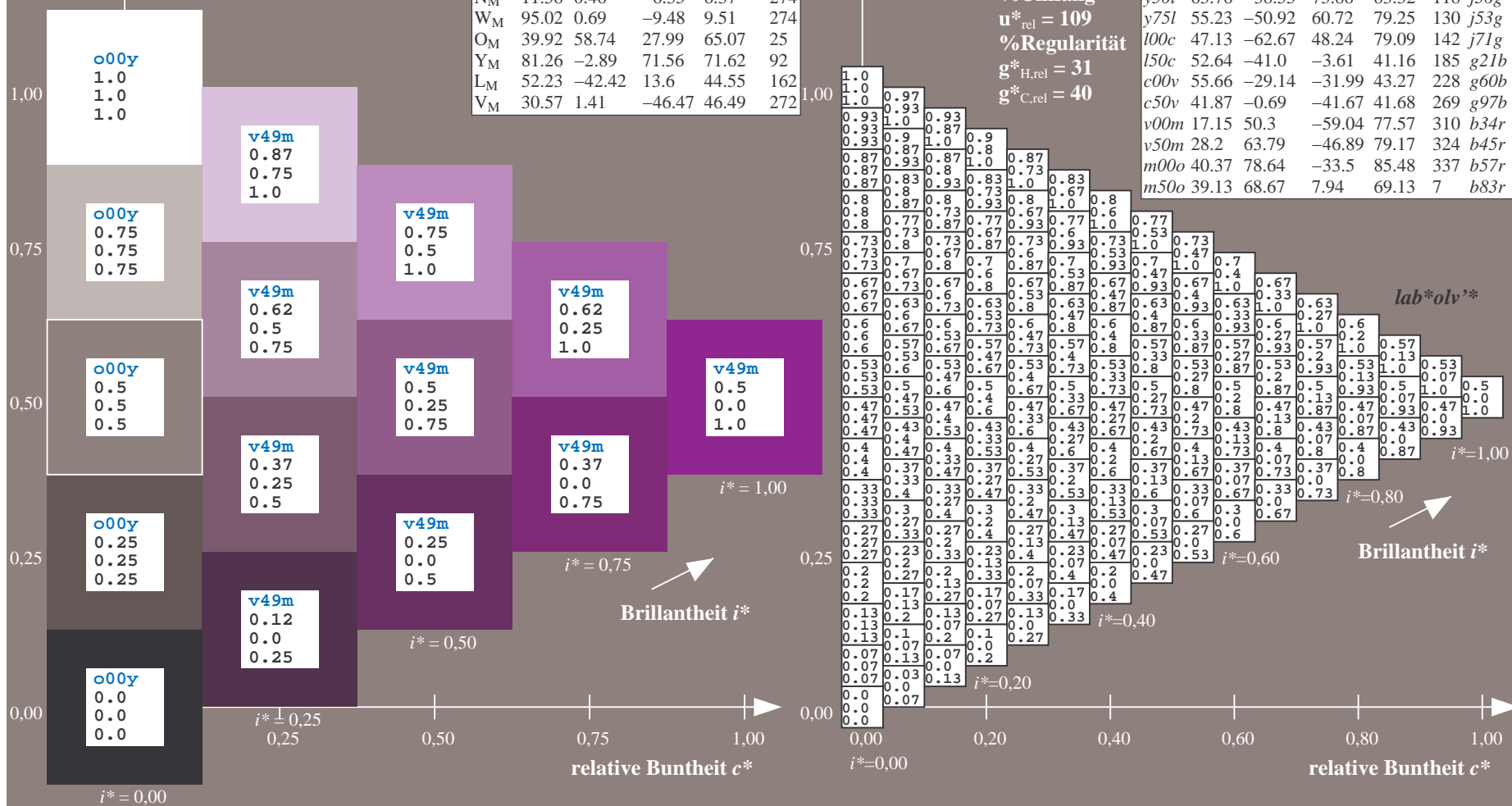
$$\mathbf{u}_{\text{rel}}^* = 109$$

### %Regularität

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

FRS12\_95a; adaptierte CIELAB-Daten

$u_d^*$	$L^*=L_a^*$	$a_a^*$	$b_a^*$	$C_{ab,a}^*$	$h_{ab,a}^*$	$u_e^*$
<i>o00y</i>	38.06	60.0	44.0	74.4	36	<i>r16j</i>
<i>o25y</i>	47.68	47.13	56.9	73.88	50	<i>r37j</i>
<i>o50y</i>	57.77	33.62	70.44	78.05	64	<i>r58j</i>
<i>o75y</i>	69.84	17.48	86.62	88.37	79	<i>r79j</i>
<i>y00l</i>	86.77	-5.17	109.32	109.44	93	<i>j01g</i>
<i>y25l</i>	73.71	-24.12	89.19	92.39	105	<i>j18g</i>
<i>y50l</i>	63.76	-38.55	73.86	83.32	118	<i>j36g</i>
<i>y75l</i>	55.23	-50.92	60.72	79.25	130	<i>j53g</i>
<i>l00c</i>	47.13	-62.67	48.24	79.09	142	<i>j71g</i>
<i>l50c</i>	52.64	-41.0	-3.61	41.16	185	<i>g21b</i>
<i>c00v</i>	55.66	-29.14	-31.99	43.27	228	<i>g60b</i>
<i>c50v</i>	41.87	-0.69	-41.67	41.68	269	<i>g97b</i>
<i>v00m</i>	17.15	50.3	-59.04	77.57	310	<i>b34r</i>
<i>v50m</i>	28.2	63.79	-46.89	79.17	324	<i>b45r</i>
<i>m00o</i>	40.37	78.64	-33.5	85.48	337	<i>b57r</i>
<i>m50o</i>	39.13	68.67	7.94	69.13	7	<i>b83r</i>



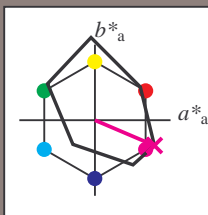
## BAM-Prüfvorlage Fg62: Relatives Geräte-Farbsystem

D65: Farbreihen, Datentabellen für 16 Bunttöne 000v l

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

oAusgabe:  $\rightarrow cmv0^* setcmvcolor$

Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS12\_95a, L\*=12\_95 für relative CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.936$   $u^*_d = m00o$   
Daten für jede Farbe:  
 $lab^*tch^*$  und  $lab^*icu^*$   
Bunttontexte:  
 $u^*_d = m00o$   $u^*_e = b57r$   
Kontrastreduzierungsfaktor:  
 $c_R = 1.0$   
Dreiecks-Helligkeit  $i^*$



FRS12_95a; CIELAB-Daten						
$u^*_d$	$L^*=L^*$	$a^*$	$b^*$	$C^*_{ab}$	$h^*_{ab}$	
O <sub>M</sub>	38.06	60.53	36.66	70.77	31	
Y <sub>M</sub>	86.77	-4.5	100.15	100.25	93	
L <sub>M</sub>	47.13	-62.11	40.56	74.18	147	
C <sub>M</sub>	55.66	-28.56	-39.99	49.14	234	
V <sub>M</sub>	17.15	50.78	-65.6	82.96	308	
M <sub>M</sub>	40.37	79.18	-40.93	89.13	333	
N <sub>M</sub>	11.58	0.46	-6.35	6.37	274	
W <sub>M</sub>	95.02	0.69	-9.48	9.51	274	
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 79 -34

$LAB^*LCH^*_{Ma}$ : 40 85 336

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

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

Dreiecks-Helligkeit  $i^*$

%Umfang

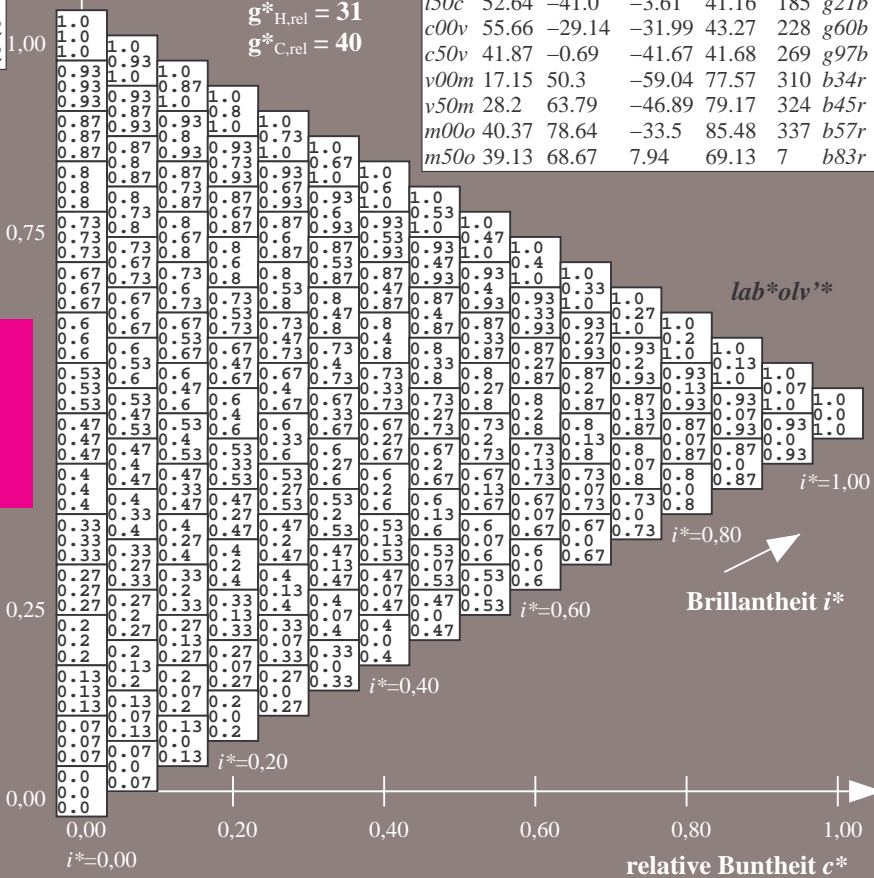
$u^*_{rel} = 109$

%Regularität

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

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

FRS12_95a; adaptierte CIELAB-Daten								
$u^*_d$	$L^*=L^*$	$a^*$	$b^*$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$		
o00y	38.06	60.0	44.0	74.4	36	r16j		
o25y	47.68	47.13	56.9	73.88	50	r37j		
o50y	57.77	33.62	70.44	78.05	64	r58j		
o75y	69.84	17.48	86.62	88.37	79	r79j		
y00l	86.77	-5.17	109.32	109.44	93	j01g		
y25l	73.71	-24.12	89.19	92.39	105	j18g		
y50l	63.76	-38.55	73.86	83.32	118	j36g		
y75l	55.23	-50.92	60.72	79.25	130	j53g		
l00c	47.13	-62.67	48.24	79.09	142	j71g		
l50c	52.64	-41.0	-3.61	41.16	185	g21b		
c00v	55.66	-29.14	-31.99	43.27	228	g60b		
c50v	41.87	-0.69	-41.67	41.68	269	g97b		
v00m	17.15	50.3	-59.04	77.57	310	b34r		
v50m	28.2	63.79	-46.89	79.17	324	b45r		
m00o	40.37	78.64	-33.5	85.48	337	b57r		
m50o	39.13	68.67	7.94	69.13	7	b83r		



### Dreiecks-Helligkeit $t^*$


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

87	0.8	0.93
67	0.6	
	0.87	

47	0.6	0.4	0
57	0.67	0.57	0

43	0.27	0.43	0
47	0.4	0.53	0
27		0.2	

13	0.33	0.07
23	0.07	0.23

0	0.13
1	

[illegible]

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 $000n / w /$  $\cdot = \geq cmv0^*$ 

\_\_\_\_\_ L

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— 100 —

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D65: Farbreihen, Datentabellen für 16 Bunttöne

loAusgabe:  $\rightarrow cmy0^* setcmykcolor$

D65: Farbreihen, Datentabellen für 16 Bunttöne *o00y* bis *m50o*Ausgabe:  $\rightarrow cmy0^* setcmykcolor$

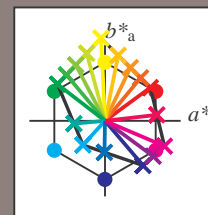
Siehe ähnliche Dateien: <http://www.ps.bam.de/Fg62/>; [www.ps.bam.de/Fg62/](http://www.ps.bam.de/Fg62/); [www.ps.bam.de/Fg62/](http://www.ps.bam.de/Fg62/)  
Technische Information: [http://www.ps.bam.de/Version 2.1, io=1.1, ColSp=0](http://www.ps.bam.de/Version%202.1,%20io=1.1,%20ColSp=0)

	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	0.12	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	
	0.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.0	0.12	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.0	1.0	0.88	0.75	0.63	0.5	0.38	0.25	0.13	0.0	0.0	0.0	0.0	0.0	0.0
02	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	0.88	0.75	0.63	0.5	0.38	0.25	0.13	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.12	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.0	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.13	0.13	0.13	0.13
03	0.13	0.13	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.12	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	1.0	0.88	0.75	0.63	0.5	0.38	0.25	0.13	0.0	0.13	0.13	0.13	0.13	0.13	
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.12	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.25	0.25	0.25	0.25	
04	0.0	0.12	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	1.0	0.87	0.75	0.63	0.5	0.38	0.25	0.13	0.0	0.25	0.25	0.25	0.25	0.25	
	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	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	
05	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.12	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.38	0.38	0.38	0.38	0.38	0.38	
	0.0	0.12	0.25	0.37	0.5	0.63	0.75	0.88	1.0	0.0	0.13	0.25	0.37	0.5	0.63	0.75	0.88	1.0	0.0	0.13	0.25	0.37	0.5	0.63	0.75	0.88	1.0	1.0	0.87	0.75	0.63	0.5	0.38	0.25	0.13	0.0	0.38	0.38	0.38	0.38	0.38	0.38
06	0.38	0.38	0.38	0.38	0.37	0.37	0.37	0.37	0.37	0.38	0.38	0.38	0.38	0.37	0.37	0.37	0.37	0.38	0.38	0.38	0.38	0.37	0.37	0.37	0.37	0.37	0.38	1.0	0.88	0.75	0.63	0.5	0.38	0.25	0.13	0.0	0.38	0.38	0.38	0.38	0.38	0.38
	0.0	0.12	0.25	0.37	0.5	0.63	0.75	0.88	1.0	0.0	0.13	0.25	0.37	0.5	0.63	0.75	0.88	1.0	0.0	0.13	0.25	0.37	0.5	0.63	0.75	0.88	1.0	1.0	0.87	0.75	0.63	0.5	0.38	0.25	0.13	0.0	0.5	0.5	0.5	0.5	0.5	0.5
07	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
	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	0.63	0.63	0.63	0.63		
08	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		
	0.75	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		
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	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.88	0.88	0.88	0.88		
	0.0	0.12	0.25	0.37	0.5	0.62	0.75	0.87	1.0	0.0	0.13	0.25	0.37	0.5	0.62	0.75	0.87	1.0	0.0	0.13	0.25	0.37	0.5	0.62	0.75	0.87	1.0	1.0	0.87	0.75	0.62	0.5	0.37	0.25	0.13	0.0	0.88	0.88	0.88	0.88		
10	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	0.87	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.87	1.0	0.88	0.75	0.63	0.5	0.38	0.25	0.13	0.0	0.88	0.88	0.88	0.88		
	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	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	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	
	0.12	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.0	0.0	0.12	0.25	0.37	0.5	0.63	0.75	0.88	1.0	0.0	0.12	0.25	0.37	0.5	0.63	0.75	0.88	1.0	1.0	0.88	0.75	0.63	0.5	0.38	0.25	0.13	0.0	1.0	1.0	1.0	1.0		
12	0.38	0.38	0.38	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.63	0.63	0.63	0.63	0.63	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	0.87	0.87	0.87		
	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.0	0.0	0.13	0.25	0.37	0.5	0.63	0.75	0.88	1.0	0.0	0.13	0.25	0.37	0.5	0.63	0.75	0.88	1.0	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	
13	0.12	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.12	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.12	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.12	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
	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	0.75	0.75	0.75	0.75	
14	0.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.0	0.13	0.25	0.37	0.5	0.63	0.75	0.88	1.0	0.0	0.13	0.25	0.37	0.5	0.63	0.75	0.88	1.0	1.0	0.87	0.75	0.63	0.5	0.38	0.25	0.13	0.0	0.13	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	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	1.0	0.88	0.75	0.63	0.5	0.38	0.25	0.13	0.0	0.13	0.13	0.13	0.13	0.13	0.13
15	0.37	0.37	0.37	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.63	0.63	0.63	0.63	0.63	0.62	0.62	0.62	0.62	0.63	0.63	0.63	0.63	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	
	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.0	0.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.0	0.13	0.25	0.38	0.5	0.63	0.75	0.88	1.0	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63
16	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.37	0.37	0.37	0.38	0.38	0.38	0.38	0.38	0.37	0.37	0.37	0.38	0.38	0.38	0.38	0.38	0.38	1.0	0.88	0.75	0.63	0.5	0.38	0.25	0.13	0.0	0.2	0.2	0.2	0.2		
	0.37	0.37	0.37	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.63	0.63	0.63	0.63	0.63	0.62	0.62	0.62	0.62															



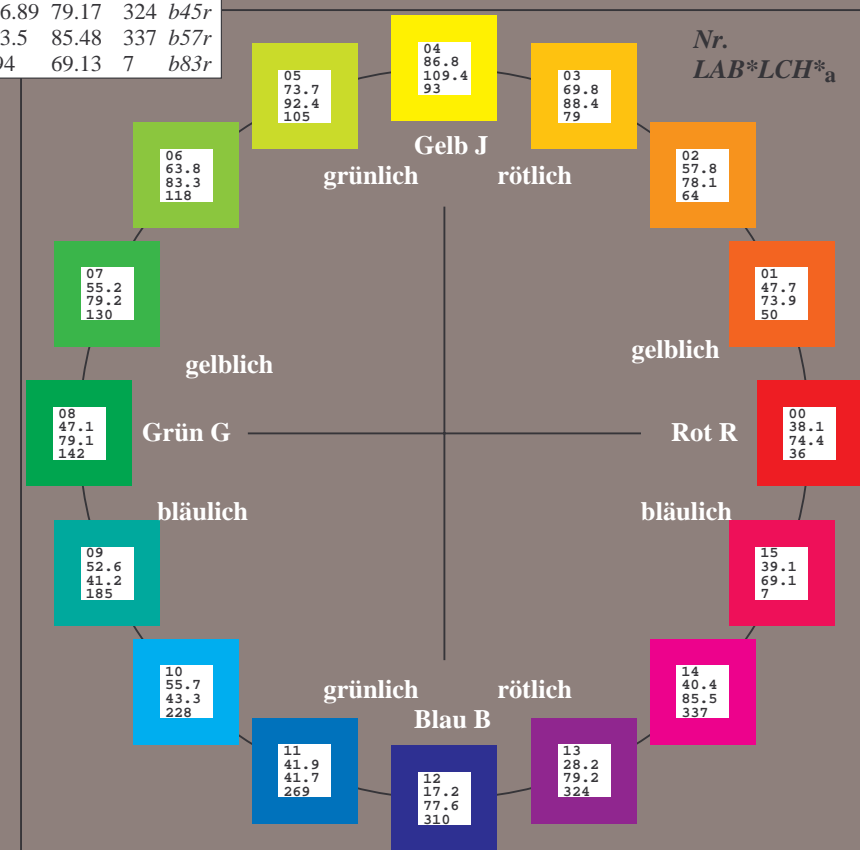
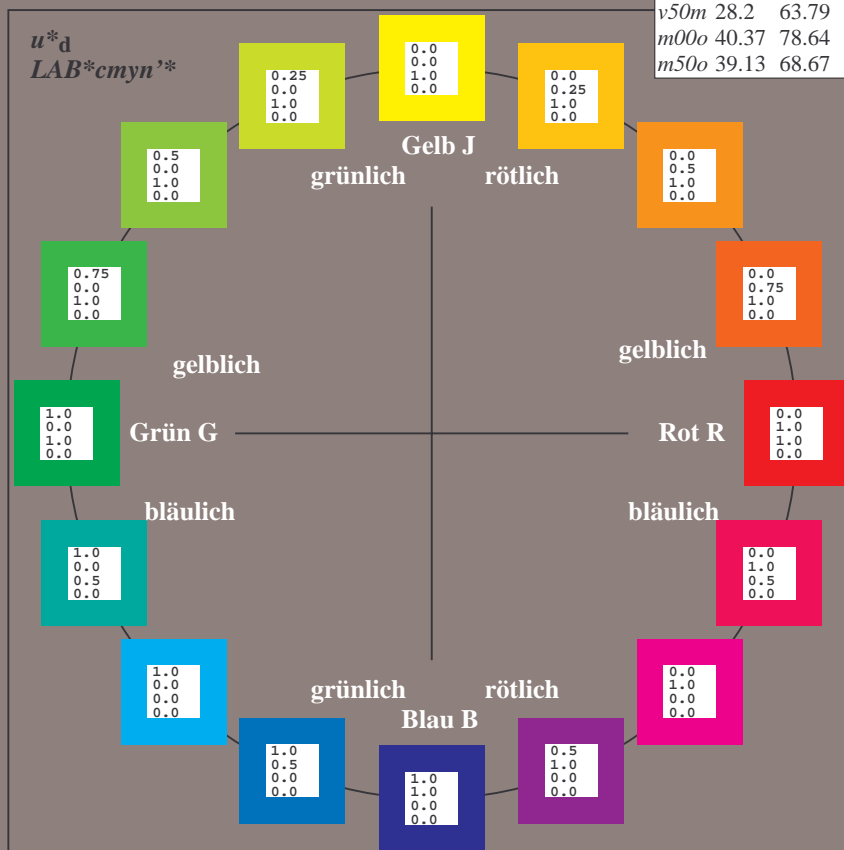
Ein und Ausgabe:  
Farbmetrisches Drucker-Reflektiv-System FRS12\_95a  
Daten für jede Farbe:  
 $u^*_d$  und Nummer  $Nr.$  = 00 .. 15  
Geräte-Bunttontext:  
 $u^*_d = 16$  Bunttoene  $o00y, o25y, \dots, m50o$   
Kontrastreduzierungsfaktor:  
 $c_R = 1.0$

FRS12_95a; adaptierte CIELAB-Daten						
$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
$o00y$	38.06	60.0	44.0	74.4	36	$r16j$
$o25y$	47.68	47.13	56.9	73.88	50	$r37j$
$o50y$	57.77	33.62	70.44	78.05	64	$r58j$
$o75y$	69.84	17.48	86.62	88.37	79	$r79j$
$y00l$	86.77	-5.17	109.32	109.44	93	$j01g$
$y25l$	73.71	-24.12	89.19	92.39	105	$j18g$
$y50l$	63.76	-38.55	73.86	83.32	118	$j36g$
$y75l$	55.23	-50.92	60.72	79.25	130	$j53g$
$l00c$	47.13	-62.67	48.24	79.09	142	$j71g$
$l50c$	52.64	-41.0	-3.61	41.16	185	$g21b$
$c00v$	55.66	-29.14	-31.99	43.27	228	$g60b$
$c50v$	41.87	-0.69	-41.67	41.68	269	$g97b$
$v00m$	17.15	50.3	-59.04	77.57	310	$b34r$
$v50m$	28.2	63.79	-46.89	79.17	324	$b45r$
$m00o$	40.37	78.64	-33.5	85.48	337	$b57r$
$m50o$	39.13	68.67	7.94	69.13	7	$b83r$

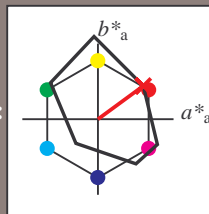


%Umfang  
 $u^*_{rel} = 109$   
%Regularität  
 $g^*_{H,rel} = 31$   
 $g^*_{C,rel} = 40$

FRS12_95a; CIELAB-Daten					
Name	$L^*=L^*$	$a^*$	$b^*$	$C^*_{ab}$	$h^*_{ab}$
$O_M$	38.06	60.53	36.66	70.77	31
$Y_M$	86.77	-4.5	100.15	100.25	93
$L_M$	47.13	-62.11	40.56	74.18	147
$C_M$	55.66	-28.56	-39.99	49.14	234
$V_M$	17.15	50.78	-65.6	82.96	308
$M_M$	40.37	79.18	-40.93	89.13	333
$N_M$	11.58	0.46	-6.35	6.37	274
$W_M$	95.02	0.69	-9.48	9.51	274
$O_{CIE}$	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 FRS12\_95a, L\*=12\_95 für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.101$   $u^*_d = o00y$   
Daten für jede Farbe:  
 $lab^*tch^*$  und  $lab^*icu^*$   
Bunttontexte:  
 $u^*_d = o00y$   $u^*_e = r16j$   
Kontrastreduzierungsfaktor:  
 $c_R = 1.0$   
Dreiecks-Helligkeit  $i^*$



FRS12_95a; CIELAB-Daten						
$u^*_d$	$L^*=L^*_a$	$a^*$	$b^*$	$C^*_{ab}$	$h^*_{ab}$	
O <sub>M</sub>	38.06	60.53	36.66	70.77	31	
Y <sub>M</sub>	86.77	-4.5	100.15	100.25	93	
L <sub>M</sub>	47.13	-62.11	40.56	74.18	147	
C <sub>M</sub>	55.66	-28.56	-39.99	49.14	234	
V <sub>M</sub>	17.15	50.78	-65.6	82.96	308	
M <sub>M</sub>	40.37	79.18	-40.93	89.13	333	
N <sub>M</sub>	11.58	0.46	-6.35	6.37	274	
W <sub>M</sub>	95.02	0.69	-9.48	9.51	274	
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):

$LAB^*LAB^*_{Ma}$ : 38 60 44

$LAB^*LCH^*_{Ma}$ : 38 74 36

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

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

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 109$

%Regularität

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

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

FRS12_95a; adaptierte CIELAB-Daten							
$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$	
$o00y$	38.06	60.0	44.0	74.4	36	$r16j$	
$o25y$	47.68	47.13	56.9	73.88	50	$r37j$	
$o50y$	57.77	33.62	70.44	78.05	64	$r58j$	
$o75y$	69.84	17.48	86.62	88.37	79	$r79j$	
$y00l$	86.77	-5.17	109.32	109.44	93	$j01g$	
$y25l$	73.71	-24.12	89.19	92.39	105	$j18g$	
$y50l$	63.76	-38.55	73.86	83.32	118	$j36g$	
$y75l$	55.23	-50.92	60.72	79.25	130	$j53g$	
$l00c$	47.13	-62.67	48.24	79.09	142	$j71g$	
$l50c$	52.64	-41.0	-3.61	41.16	185	$g21b$	
$c00v$	55.66	-29.14	-31.99	43.27	228	$g60b$	
$c50v$	41.87	-0.69	-41.67	41.68	269	$g97b$	
$v00m$	17.15	50.3	-59.04	77.57	310	$b34r$	
$v50m$	28.2	63.79	-46.89	79.17	324	$b45r$	
$m00o$	40.37	78.64	-33.5	85.48	337	$b57r$	
$m50o$	39.13	68.67	7.94	69.13	7	$b83r$	

$LAB^*cmy^n^*$

$i^* = 1.00$

Brillantheit  $i^*$

$i^* = 0.80$

$i^* = 0.60$

$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS12\_95a, L\*=12\_95 für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.14$

Daten für jede Farbe:

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

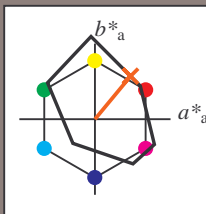
Bunttontexte:

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

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $i^*$



FRS12\_95a; CIELAB-Daten

$u^*_d$	$L^*=L^*$	$a^*$	$b^*$	$C^*_{ab}$	$h^*_{ab}$
O <sub>M</sub>	38.06	60.53	36.66	70.77	31
Y <sub>M</sub>	86.77	-4.5	100.15	100.25	93
L <sub>M</sub>	47.13	-62.11	40.56	74.18	147
C <sub>M</sub>	55.66	-28.56	-39.99	49.14	234
V <sub>M</sub>	17.15	50.78	-65.6	82.96	308
M <sub>M</sub>	40.37	79.18	-40.93	89.13	333
N <sub>M</sub>	11.58	0.46	-6.35	6.37	274
W <sub>M</sub>	95.02	0.69	-9.48	9.51	274
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):

$LAB^*LAB^*_{Ma}$ : 48 47 57

$LAB^*LCH^*_{Ma}$ : 48 74 50

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

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

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 109$

%Regularität

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

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

FRS12\_95a; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
o00y	38.06	60.0	44.0	74.4	36	r16j
o25y	47.68	47.13	56.9	73.88	50	r37j
o50y	57.77	33.62	70.44	78.05	64	r58j
o75y	69.84	17.48	86.62	88.37	79	r79j
y00l	86.77	-5.17	109.32	109.44	93	j01g
y25l	73.71	-24.12	89.19	92.39	105	j18g
y50l	63.76	-38.55	73.86	83.32	118	j36g
y75l	55.23	-50.92	60.72	79.25	130	j53g
l00c	47.13	-62.67	48.24	79.09	142	j71g
l50c	52.64	-41.0	-3.61	41.16	185	g21b
c00v	55.66	-29.14	-31.99	43.27	228	g60b
c50v	41.87	-0.69	-41.67	41.68	269	g97b
v00m	17.15	50.3	-59.04	77.57	310	b34r
v50m	28.2	63.79	-46.89	79.17	324	b45r
m00o	40.37	78.64	-33.5	85.48	337	b57r
m50o	39.13	68.67	7.94	69.13	7	b83r

$LAB^*cmyn^*$

$i^* = 1.00$

Brillantheit  $i^*$

$i^* = 0.80$

$i^* = 0.60$

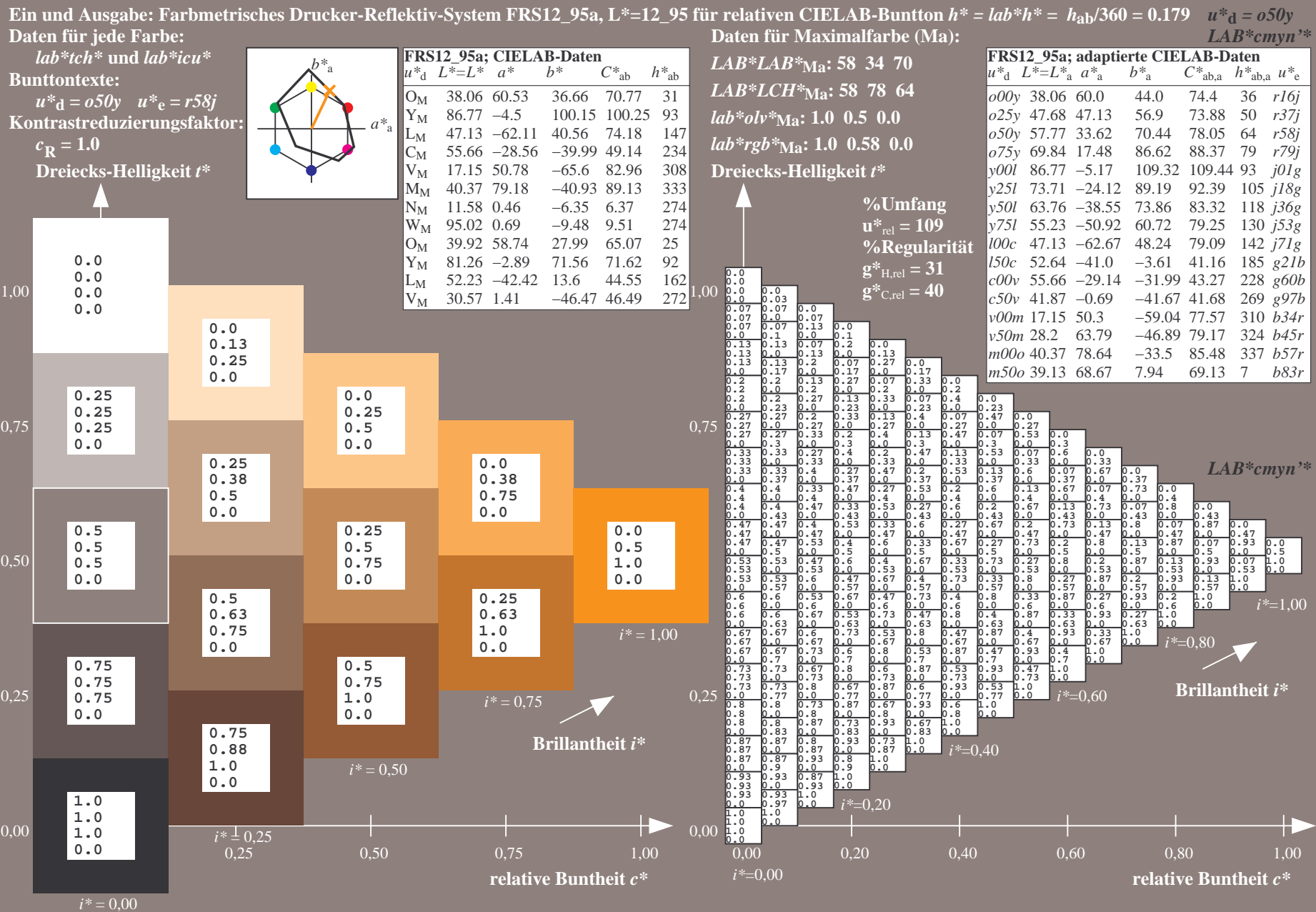
$i^* = 0.40$

$i^* = 0.20$

$i^* = 0.00$

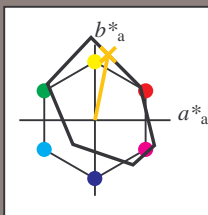
relative Buntheit  $c^*$

relative Buntheit  $c^*$





Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS12\_95a, L\*=12\_95 für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.218$   $u^*_d = o75y$   
Daten für jede Farbe:  
 $lab^*ch^*$  und  $lab^*icu^*$   
Bunttontexte:  
 $u^*_d = o75y$   $u^*_e = r79j$   
Kontrastreduzierungsfaktor:  
 $c_R = 1.0$   
Dreiecks-Helligkeit  $i^*$



FRS12_95a; CIELAB-Daten						
$u^*_d$	$L^*=L^*$	$a^*$	$b^*$	$C^*_{ab}$	$h^*_{ab}$	
O <sub>M</sub>	38.06	60.53	36.66	70.77	31	
Y <sub>M</sub>	86.77	-4.5	100.15	100.25	93	
L <sub>M</sub>	47.13	-62.11	40.56	74.18	147	
C <sub>M</sub>	55.66	-28.56	-39.99	49.14	234	
V <sub>M</sub>	17.15	50.78	-65.6	82.96	308	
M <sub>M</sub>	40.37	79.18	-40.93	89.13	333	
N <sub>M</sub>	11.58	0.46	-6.35	6.37	274	
W <sub>M</sub>	95.02	0.69	-9.48	9.51	274	
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):

$LAB^*LAB^*_{Ma}$ : 70 17 87

$LAB^*LCH^*_{Ma}$ : 70 88 78

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

$lab^*rgb^*_{Ma}$ : 1.0 0.79 0.0

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 109$

%Regularität

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

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

FRS12_95a; adaptierte CIELAB-Daten							
$u^*_d$	$L^*=L^*$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$	
o00y	38.06	60.0	44.0	74.4	36	r16j	
o25y	47.68	47.13	56.9	73.88	50	r37j	
o50y	57.77	33.62	70.44	78.05	64	r58j	
o75y	69.84	17.48	86.62	88.37	79	r79j	
y00l	86.77	-5.17	109.32	109.44	93	j01g	
y25l	73.71	-24.12	89.19	92.39	105	j18g	
y50l	63.76	-38.55	73.86	83.32	118	j36g	
y75l	55.23	-50.92	60.72	79.25	130	j53g	
l00c	47.13	-62.67	48.24	79.09	142	j71g	
l50c	52.64	-41.0	-3.61	41.16	185	g21b	
c00v	55.66	-29.14	-31.99	43.27	228	g60b	
c50v	41.87	-0.69	-41.67	41.68	269	g97b	
v00m	17.15	50.3	-59.04	77.57	310	b34r	
v50m	28.2	63.79	-46.89	79.17	324	b45r	
m00o	40.37	78.64	-33.5	85.48	337	b57r	
m50o	39.13	68.67	7.94	69.13	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 FRS12\_95a, L\*=12\_95 für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.258$   $u^*_d = y00l$

Daten für jede Farbe:

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

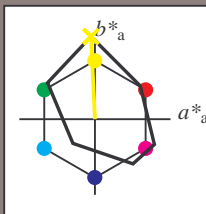
Bunttontexte:

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

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $i^*$



FRS12_95a; CIELAB-Daten						
$u^*_d$	$L^*=L^*$	$a^*$	$b^*$	$C^*_{ab}$	$h^*_{ab}$	
O <sub>M</sub>	38.06	60.53	36.66	70.77	31	
Y <sub>M</sub>	86.77	-4.5	100.15	100.25	93	
L <sub>M</sub>	47.13	-62.11	40.56	74.18	147	
C <sub>M</sub>	55.66	-28.56	-39.99	49.14	234	
V <sub>M</sub>	17.15	50.78	-65.6	82.96	308	
M <sub>M</sub>	40.37	79.18	-40.93	89.13	333	
N <sub>M</sub>	11.58	0.46	-6.35	6.37	274	
W <sub>M</sub>	95.02	0.69	-9.48	9.51	274	
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):

$LAB^*LAB^*_{Ma}$ : 87 -5 109

$LAB^*LCH^*_{Ma}$ : 87 109 92

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

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

Dreiecks-Helligkeit  $i^*$

%Umfang

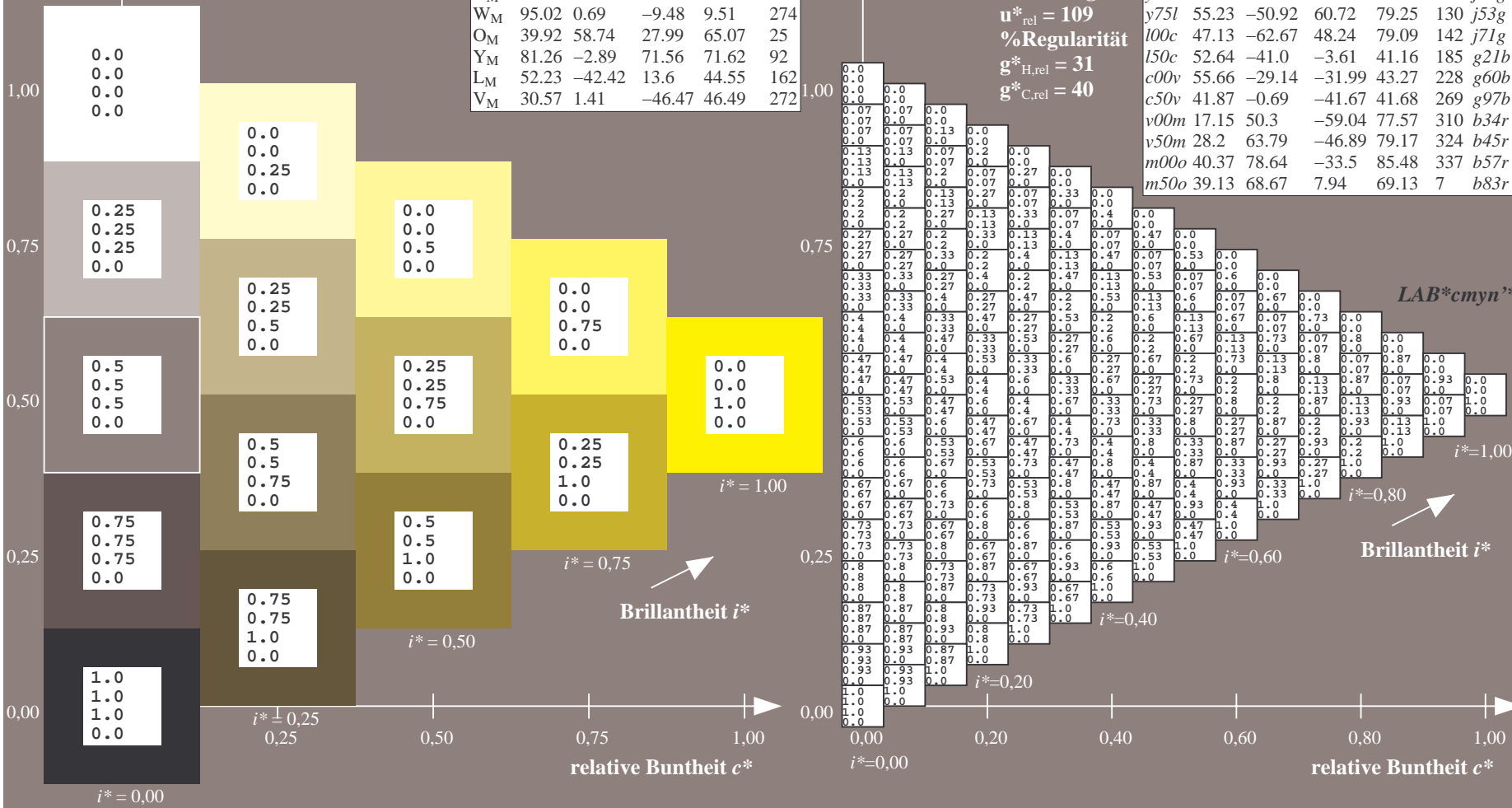
$u^*_{rel} = 109$

%Regularität

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

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

FRS12_95a; adaptierte CIELAB-Daten								
$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$		
o00y	38.06	60.0	44.0	74.4	36	r16j		
o25y	47.68	47.13	56.9	73.88	50	r37j		
o50y	57.77	33.62	70.44	78.05	64	r58j		
o75y	69.84	17.48	86.62	88.37	79	r79j		
y00l	86.77	-5.17	109.32	109.44	93	j01g		
y25l	73.71	-24.12	89.19	92.39	105	j18g		
y50l	63.76	-38.55	73.86	83.32	118	j36g		
y75l	55.23	-50.92	60.72	79.25	130	j53g		
l00c	47.13	-62.67	48.24	79.09	142	j71g		
l50c	52.64	-41.0	-3.61	41.16	185	g21b		
c00v	55.66	-29.14	-31.99	43.27	228	g60b		
c50v	41.87	-0.69	-41.67	41.68	269	g97b		
v00m	17.15	50.3	-59.04	77.57	310	b34r		
v50m	28.2	63.79	-46.89	79.17	324	b45r		
m00o	40.37	78.64	-33.5	85.48	337	b57r		
m50o	39.13	68.67	7.94	69.13	7	b83r		





### Dreiecks-Helligkeit $t^*$





Drucke-Hemgkeit:		$\mu_M$	17.12	33.73	33.73	32.73	333	Drucke-Hemgkeit:	$\mu_{25l}$	33.73	33.73	17.12	333
		$M_M$	40.37	79.18	-40.93	89.13	333		$y_{25l}$	73.71	-24.12	89.19	333

$\nu_{\text{M}}$	30.57	1.41	-40.47	40.47	27
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Dreiecks-Helligkeit  $t^*$ 

*etcmykcolor* 



BAM-Registrierung: 20081001-Fg62/10L/L62g00NA.TXT/ .PS BAM-Material: Code=rhata4ta  
Anwendung für Beurteilung und Messung von Drucker- oder Monitorsystemen



Ein und Ausgabe: Farbmetrisches Drucker-Reflektiv-System FRS12\_95a, L\*=12\_95 für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.632$   $u^*_d = c00v$

Daten für jede Farbe:

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

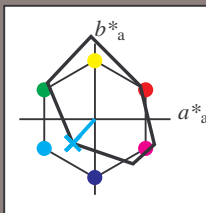
Bunttontexte:

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

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $i^*$



FRS12\_95a; CIELAB-Daten

$u^*_d$	$L^*=L^*$	$a^*$	$b^*$	$C^*_{ab}$	$h^*_{ab}$
O <sub>M</sub>	38.06	60.53	36.66	70.77	31
Y <sub>M</sub>	86.77	-4.5	100.15	100.25	93
L <sub>M</sub>	47.13	-62.11	40.56	74.18	147
C <sub>M</sub>	55.66	-28.56	-39.99	49.14	234
V <sub>M</sub>	17.15	50.78	-65.6	82.96	308
M <sub>M</sub>	40.37	79.18	-40.93	89.13	333
N <sub>M</sub>	11.58	0.46	-6.35	6.37	274
W <sub>M</sub>	95.02	0.69	-9.48	9.51	274
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):

$LAB^*LAB^*_{Ma}$ : 56 -29 -32

$LAB^*LCH^*_{Ma}$ : 56 43 227

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

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

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 109$

%Regularität

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

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

FRS12\_95a; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
o00y	38.06	60.0	44.0	74.4	36	r16j
o25y	47.68	47.13	56.9	73.88	50	r37j
o50y	57.77	33.62	70.44	78.05	64	r58j
o75y	69.84	17.48	86.62	88.37	79	r79j
y00l	86.77	-5.17	109.32	109.44	93	j01g
y25l	73.71	-24.12	89.19	92.39	105	j18g
y50l	63.76	-38.55	73.86	83.32	118	j36g
y75l	55.23	-50.92	60.72	79.25	130	j53g
l00c	47.13	-62.67	48.24	79.09	142	j71g
l50c	52.64	-41.0	-3.61	41.16	185	g21b
c00v	55.66	-29.14	-31.99	43.27	228	g60b
c50v	41.87	-0.69	-41.67	41.68	269	g97b
v00m	17.15	50.3	-59.04	77.57	310	b34r
v50m	28.2	63.79	-46.89	79.17	324	b45r
m00o	40.37	78.64	-33.5	85.48	337	b57r
m50o	39.13	68.67	7.94	69.13	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 FRS12\_95a, L\*=12\_95 für relative CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.747$   $u^*_d = c50v$

Daten für jede Farbe:

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

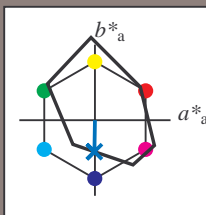
Bunttontexte:

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

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $i^*$



FRS12\_95a; CIELAB-Daten

$u^*_d$	$L^*=L^*$	$a^*$	$b^*$	$C^*_{ab}$	$h^*_{ab}$
O <sub>M</sub>	38.06	60.53	36.66	70.77	31
Y <sub>M</sub>	86.77	-4.5	100.15	100.25	93
L <sub>M</sub>	47.13	-62.11	40.56	74.18	147
C <sub>M</sub>	55.66	-28.56	-39.99	49.14	234
V <sub>M</sub>	17.15	50.78	-65.6	82.96	308
M <sub>M</sub>	40.37	79.18	-40.93	89.13	333
N <sub>M</sub>	11.58	0.46	-6.35	6.37	274
W <sub>M</sub>	95.02	0.69	-9.48	9.51	274
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 -42

$LAB^*LCH^*Ma$ : 42 42 269

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

$lab^*rgb^*Ma$ : 0.0 0.05 1.0

Dreiecks-Helligkeit  $i^*$

%Umfang

$u^*_{rel} = 109$

%Regularität

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

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

FRS12\_95a; adaptierte CIELAB-Daten

$u^*_d$	$L^*=L^*$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
o00y	38.06	60.0	44.0	74.4	36	r16j
o25y	47.68	47.13	56.9	73.88	50	r37j
o50y	57.77	33.62	70.44	78.05	64	r58j
o75y	69.84	17.48	86.62	88.37	79	r79j
y00l	86.77	-5.17	109.32	109.44	93	j01g
y25l	73.71	-24.12	89.19	92.39	105	j18g
y50l	63.76	-38.55	73.86	83.32	118	j36g
y75l	55.23	-50.92	60.72	79.25	130	j53g
l00c	47.13	-62.67	48.24	79.09	142	j71g
l50c	52.64	-41.0	-3.61	41.16	185	g21b
c00v	55.66	-29.14	-31.99	43.27	228	g60b
c50v	41.87	-0.69	-41.67	41.68	269	g97b
v00m	17.15	50.3	-59.04	77.57	310	b34r
v50m	28.2	63.79	-46.89	79.17	324	b45r
m00o	40.37	78.64	-33.5	85.48	337	b57r
m50o	39.13	68.67	7.94	69.13	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 FRS12\_95a, L\*=12\_95 für relativen CIELAB-Buntton  $h^* = lab^*h^* = h_{ab}/360 = 0.862$   $u^*_d = v00m$

Daten für jede Farbe:

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

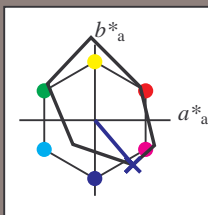
Bunttontexte:

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

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit  $i^*$



FRS12_95a; CIELAB-Daten						
$u^*_d$	$L^*=L^*$	$a^*$	$b^*$	$C^*_{ab}$	$h^*_{ab}$	
O <sub>M</sub>	38.06	60.53	36.66	70.77	31	
Y <sub>M</sub>	86.77	-4.5	100.15	100.25	93	
L <sub>M</sub>	47.13	-62.11	40.56	74.18	147	
C <sub>M</sub>	55.66	-28.56	-39.99	49.14	234	
V <sub>M</sub>	17.15	50.78	-65.6	82.96	308	
M <sub>M</sub>	40.37	79.18	-40.93	89.13	333	
N <sub>M</sub>	11.58	0.46	-6.35	6.37	274	
W <sub>M</sub>	95.02	0.69	-9.48	9.51	274	
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):

$LAB^*LAB^*Ma$ : 17 50 -59

$LAB^*LCH^*Ma$ : 17 78 310

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

$lab^*rgb^*Ma$ : 0.68 0.0 1.0

Dreiecks-Helligkeit  $i^*$

%Umfang

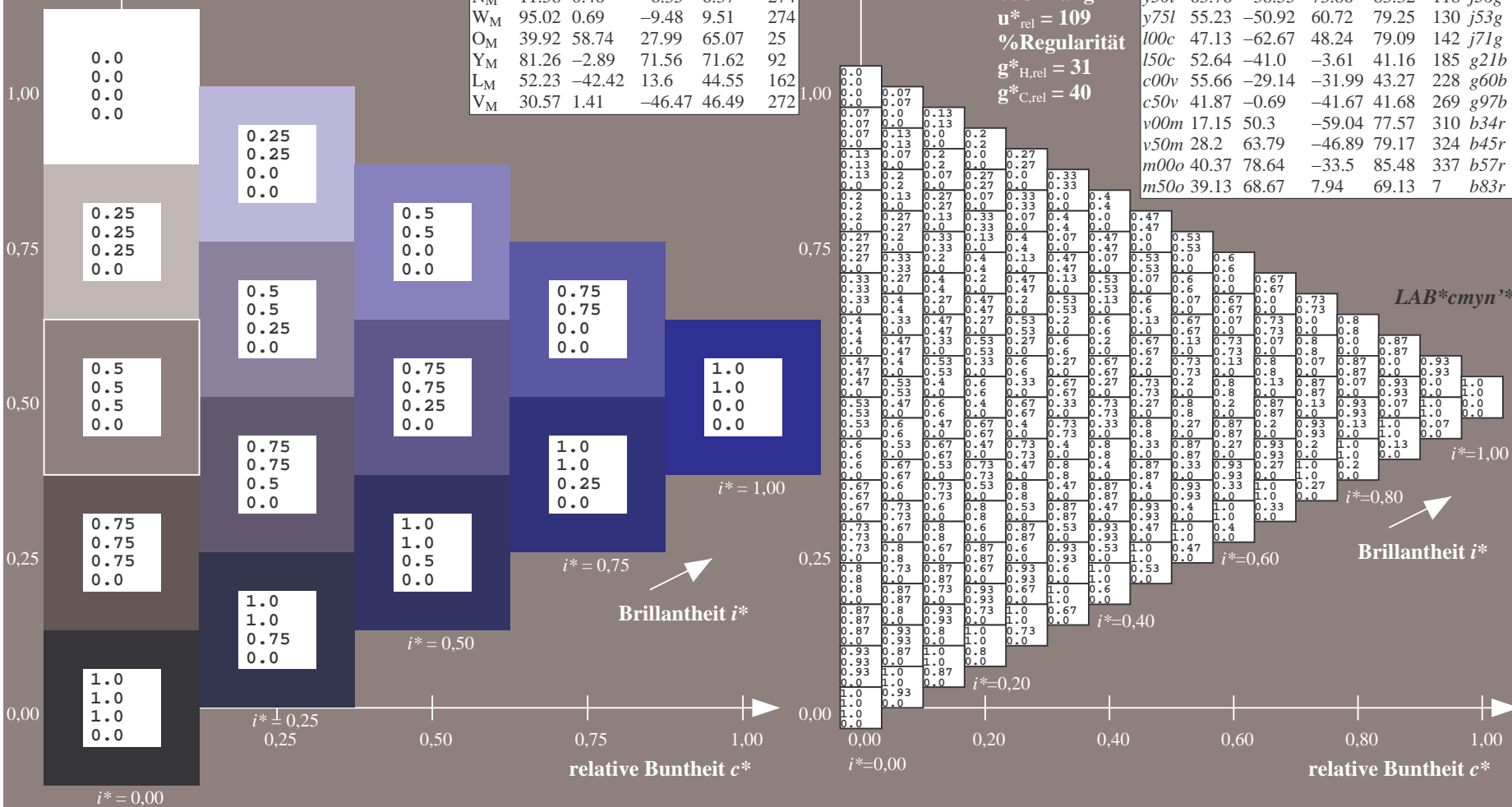
$u^*_{rel} = 109$

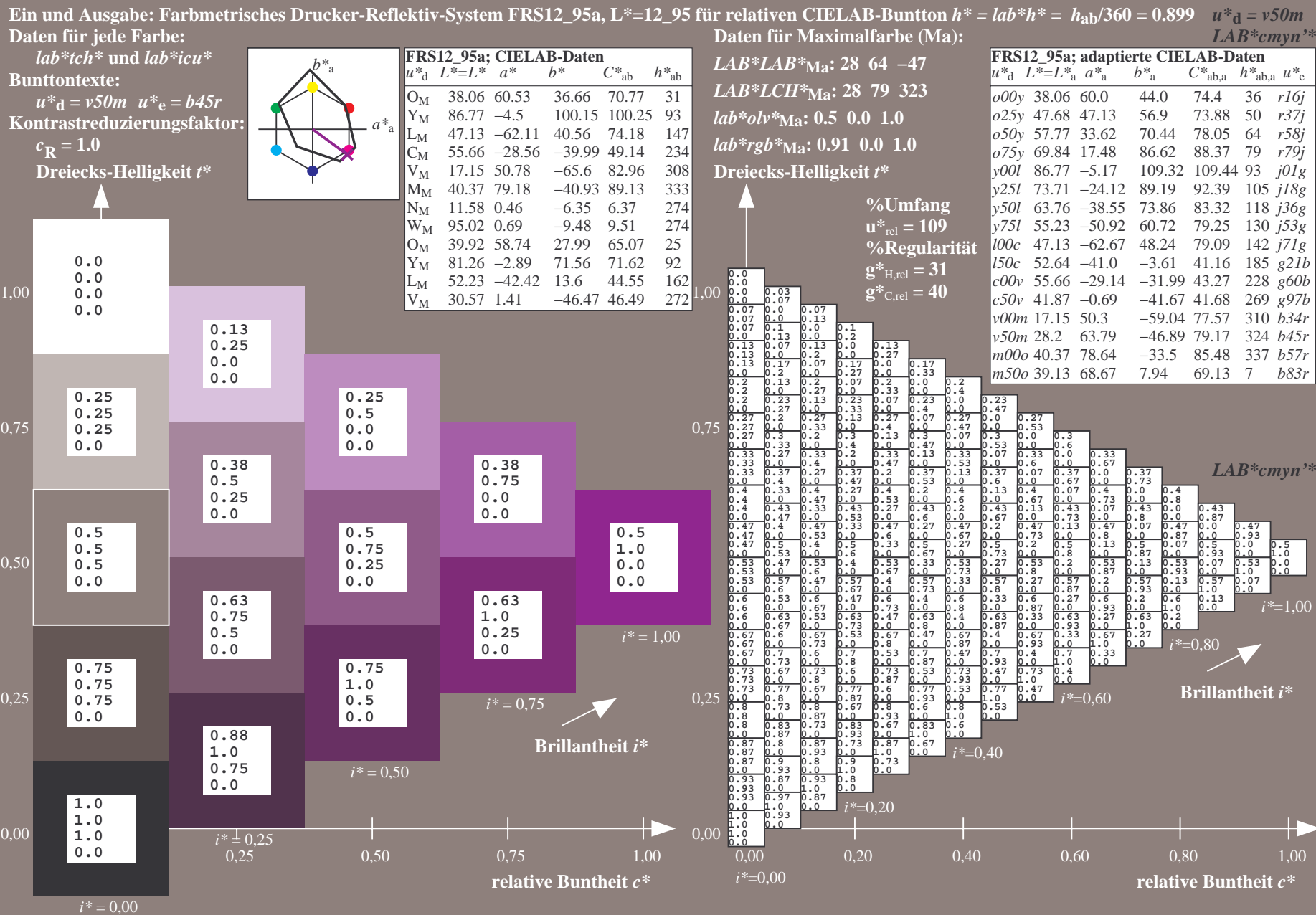
%Regularität

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

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

FRS12_95a; adaptierte CIELAB-Daten							
$u^*_d$	$L^*=L^*$	$a^*$	$b^*$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$	
o00y	38.06	60.0	44.0	74.4	36	r16j	
o25y	47.68	47.13	56.9	73.88	50	r37j	
o50y	57.77	33.62	70.44	78.05	64	r58j	
o75y	69.84	17.48	86.62	88.37	79	r79j	
y00l	86.77	-5.17	109.32	109.44	93	j01g	
y25l	73.71	-24.12	89.19	92.39	105	j18g	
y50l	63.76	-38.55	73.86	83.32	118	j36g	
y75l	55.23	-50.92	60.72	79.25	130	j53g	
l00c	47.13	-62.67	48.24	79.09	142	j71g	
l50c	52.64	-41.0	-3.61	41.16	185	g21b	
c00v	55.66	-29.14	-31.99	43.27	228	g60b	
c50v	41.87	-0.69	-41.67	41.68	269	g97b	
v00m	17.15	50.3	-59.04	77.57	310	b34r	
v50m	28.2	63.79	-46.89	79.17	324	b45r	
m00o	40.37	78.64	-33.5	85.48	337	b57r	
m50o	39.13	68.67	7.94	69.13	7	b83r	





### Daten für jede Farbe:

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

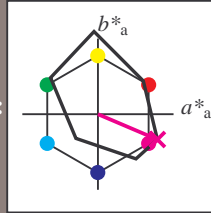
## Bunttontexte:

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

## Kontrastreduzierungsfaktor:

$$c_R = 1.0$$

### Dreiecks-Helligkeit $t^*$



FRS12_95a; CIELAB-Daten						
$u^*_d$	$L^*=L^*$	$a^*$	$b^*$	$C^*_{ab}$	$h^*_{ab}$	
O <sub>M</sub>	38.06	60.53	36.66	70.77	31	93
Y <sub>M</sub>	86.77	-4.5	100.15	100.25	93	14
L <sub>M</sub>	47.13	-62.11	40.56	74.18	147	93
C <sub>M</sub>	55.66	-28.56	-39.99	49.14	234	93
V <sub>M</sub>	17.15	50.78	-65.6	82.96	308	93
M <sub>M</sub>	40.37	79.18	-40.93	89.13	333	93
N <sub>M</sub>	11.58	0.46	-6.35	6.37	274	93
W <sub>M</sub>	95.02	0.69	-9.48	9.51	274	93
O <sub>M</sub>	39.92	58.74	27.99	65.07	25	93
Y <sub>M</sub>	81.26	-2.89	71.56	71.62	92	93
L <sub>M</sub>	52.23	-42.42	13.6	44.55	162	93
V <sub>M</sub>	30.57	1.41	-46.47	46.49	273	93

### Daten für Maximalfarbe (Ma):

***LAB\*LAB*<sub>Ma</sub>: 40 79 -34**

*LAP\*LCH\** - - : 40 85 336

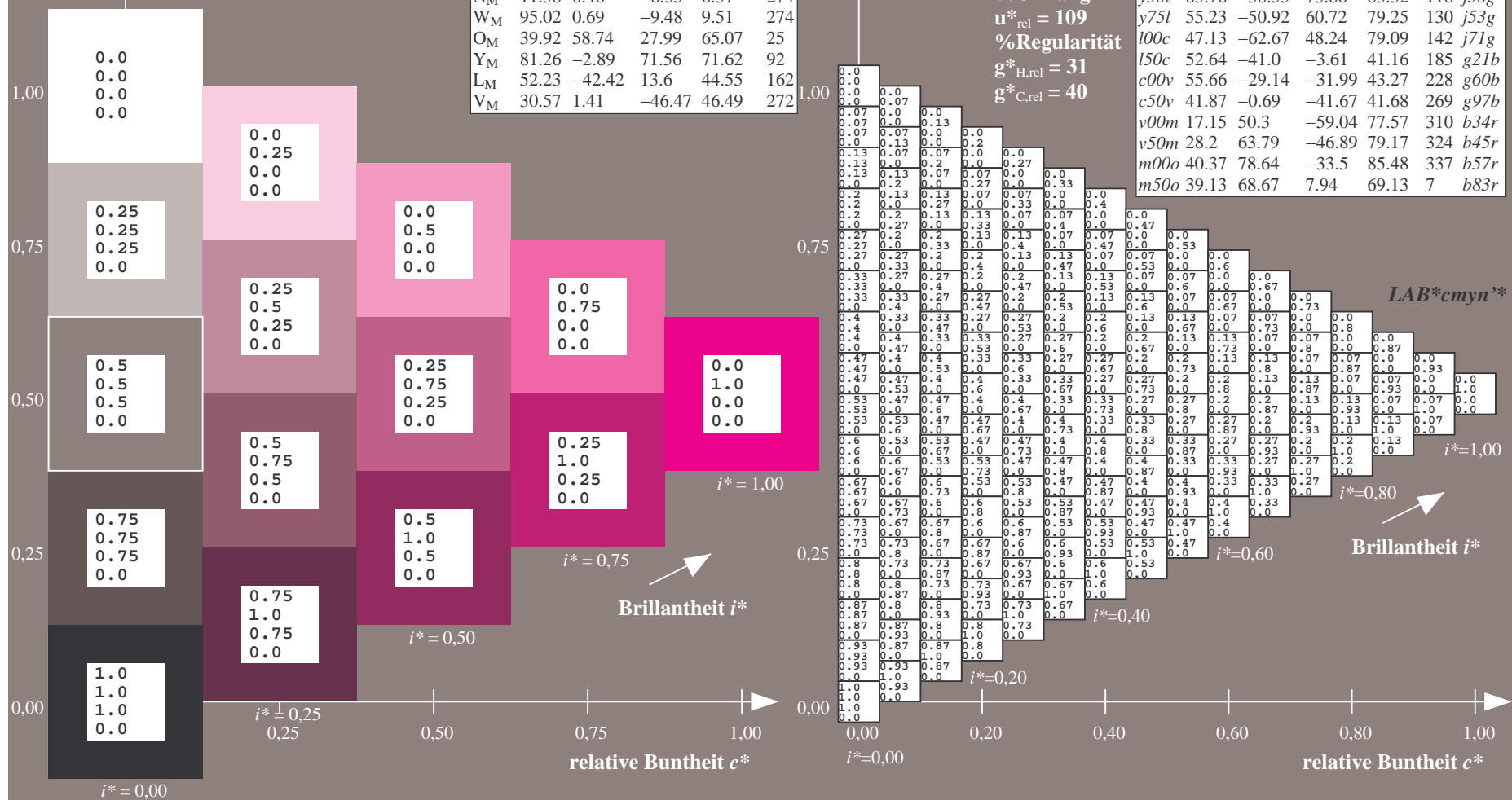
**LAB\*LCH\*Ma: 40 85 3**

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

*lab\*rgb*<sub>Ma</sub>: 1.0 0.0 0.85

### Dreiecks-Helligkeit $t^*$

FRS12_95a; adaptierte CIELAB-Daten						
$u^*_d$	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$	$u^*_e$
<i>o00y</i>	38.06	60.0	44.0	74.4	36	<i>r16j</i>
<i>o25y</i>	47.68	47.13	56.9	73.88	50	<i>r37j</i>
<i>o50y</i>	57.77	33.62	70.44	78.05	64	<i>r58j</i>
<i>o75y</i>	69.84	17.48	86.62	88.37	79	<i>r79j</i>
<i>y00l</i>	86.77	-5.17	109.32	109.44	93	<i>j01g</i>
<i>y25l</i>	73.71	-24.12	89.19	92.39	105	<i>j18g</i>
<i>y50l</i>	63.76	-38.55	73.86	83.32	118	<i>j36g</i>
<i>y75l</i>	55.23	-50.92	60.72	79.25	130	<i>j53g</i>
<i>l00c</i>	47.13	-62.67	48.24	79.09	142	<i>j71g</i>
<i>l50c</i>	52.64	-41.0	-3.61	41.16	185	<i>g21b</i>
<i>c00v</i>	55.66	-29.14	-31.99	43.27	228	<i>g60b</i>
<i>c50v</i>	41.87	-0.69	-41.67	41.68	269	<i>g97b</i>
<i>v00m</i>	17.15	50.3	-59.04	77.57	310	<i>b34r</i>
<i>v50m</i>	28.2	63.79	-46.89	79.17	324	<i>b45r</i>
<i>m00o</i>	40.37	78.64	-33.5	85.48	337	<i>b57r</i>
<i>m50o</i>	39.13	68.67	7.94	69.13	7	<i>b83r</i>



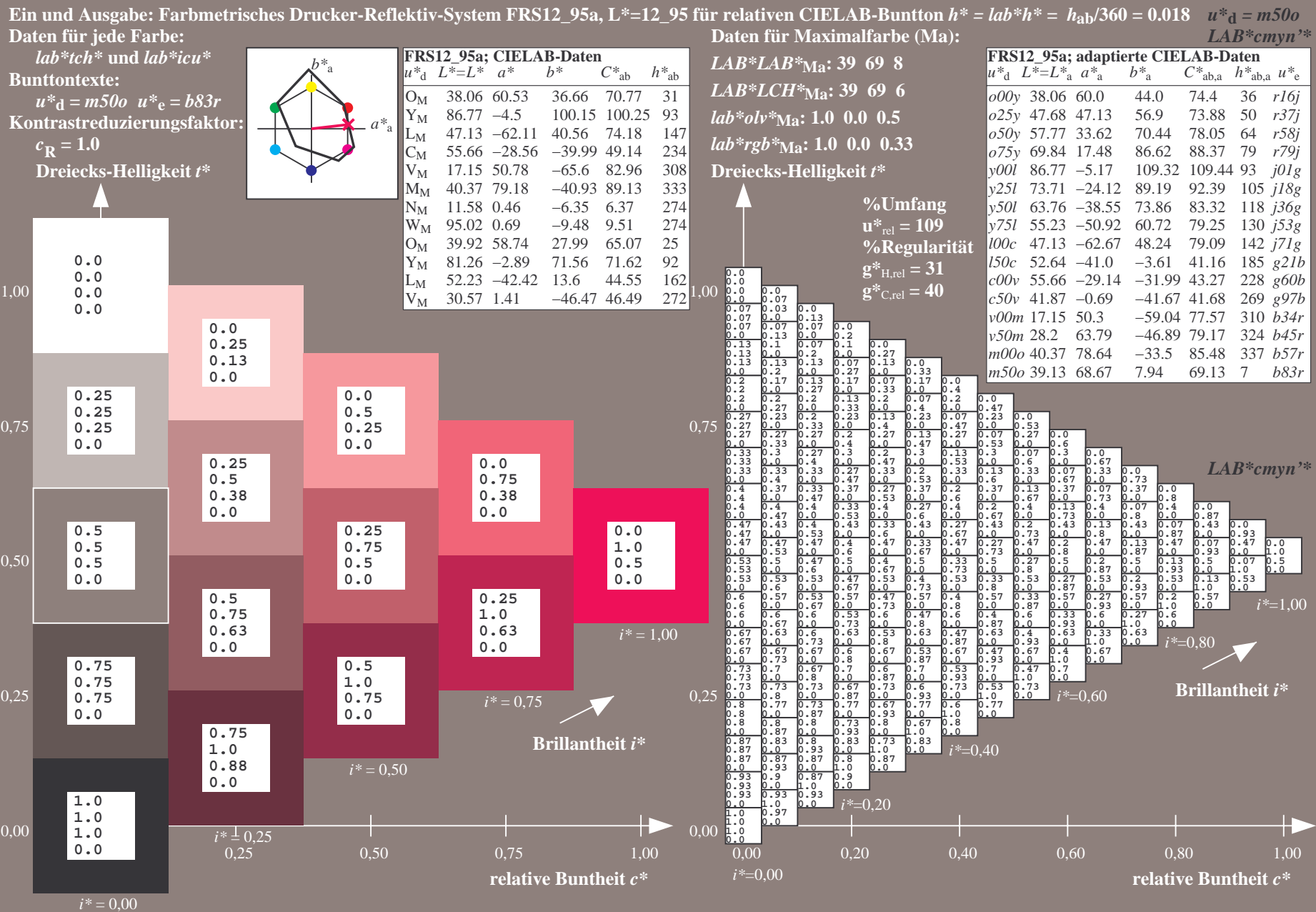
BAM-Prüfvorlage Fg62; Relatives Geräte-Farbsystem

D65: Farbreihen, Datentabellen für 16 Bunttöne 000y

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

oAusgabe:  $\rightarrow cmy0^* setcmykcolor$





	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*cmyn**
01	000																																					

Siehe ähnliche Dateien: <http://www.ps.bam.de/Fg62/>; [www.ps.bam.de/Fg.HTM](http://www.ps.bam.de/Fg.HTM)  
Technische Information: [http://www.ps.bam.de/Version 2.1,io=1,1,Col5px=0](http://www.ps.bam.de/Version%202.1,io=1,1,Col5px=0)