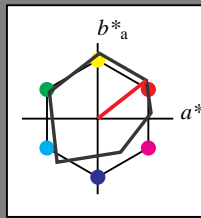


Eingabe: Farbmetrisches Offset-Reflektiv-System ORS18

für Buntton  $h^* = lab^*h = 38/360 = 0.106$   
 $lab^*tch$  und  $lab^*nch$

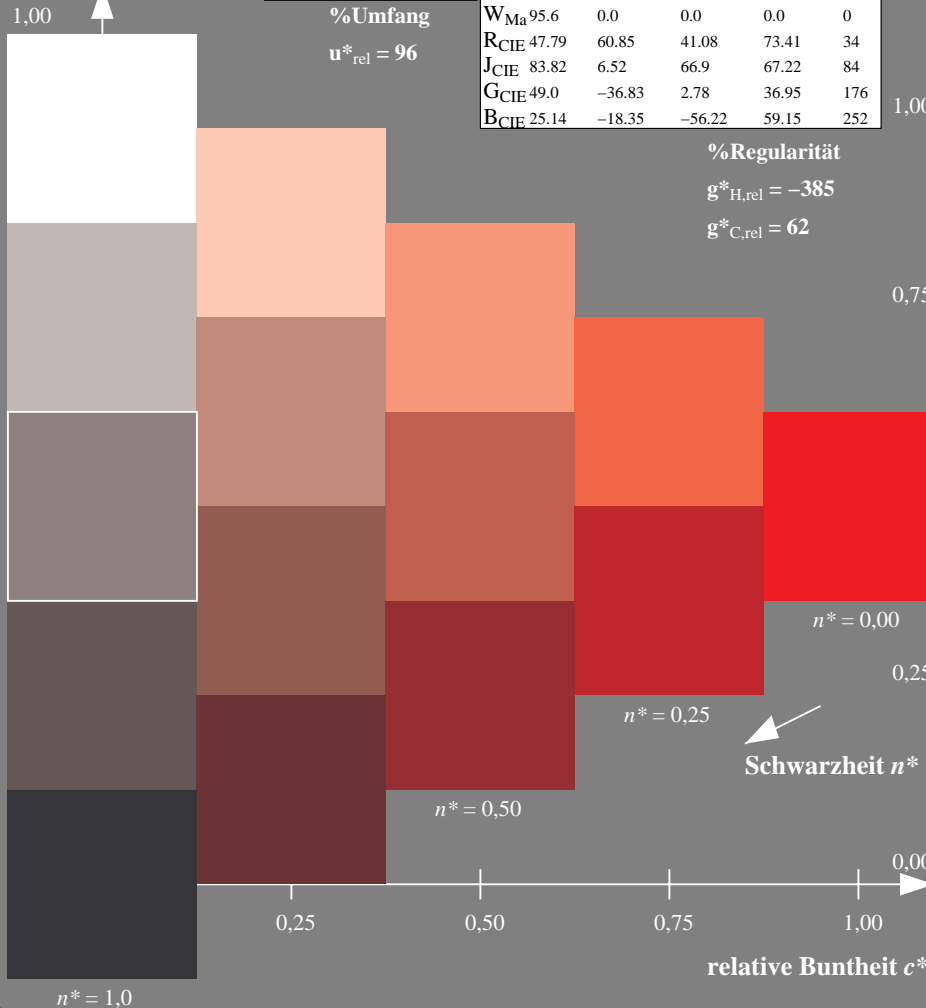
A: Buntton O  
 LCH\*Ma: 48 82 38  
 olv\*Ma: 1.0 0.0 0.0  
 Dreiecks-Helligkeit



ORS18; adaptierte CIELAB-Daten

	$L^* = L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	47.94	64.42	50.58	81.9	38
Y <sub>Ma</sub>	92.62	2.41	86.36	86.39	88
L <sub>Ma</sub>	50.9	-63.82	35.02	72.81	151
C <sub>Ma</sub>	51.25	-53.68	-57.69	78.82	227
V <sub>Ma</sub>	25.72	30.34	-44.37	53.76	304
M <sub>Ma</sub>	56.25	70.59	7.57	70.99	6
N <sub>Ma</sub>	18.11	0.0	0.0	0.0	0
W <sub>Ma</sub>	95.6	0.0	0.0	0.0	0
R <sub>CIE</sub>	47.79	60.85	41.08	73.41	34
J <sub>CIE</sub>	83.82	6.52	66.9	67.22	84
G <sub>CIE</sub>	49.0	-36.83	2.78	36.95	176
B <sub>CIE</sub>	25.14	-18.35	-56.22	59.15	252

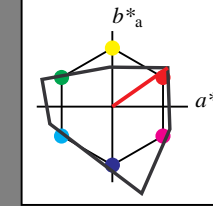
%Regularität  
 $g^*_{H,rel} = -385$   
 $g^*_{C,rel} = 62$



Ausgabe: Farbmetrisches Fernseh-Licht-System TLS00

für Buntton  $h^* = lab^*h = 35/360 = 0.097$   
 $lab^*tch$  und  $lab^*nch$

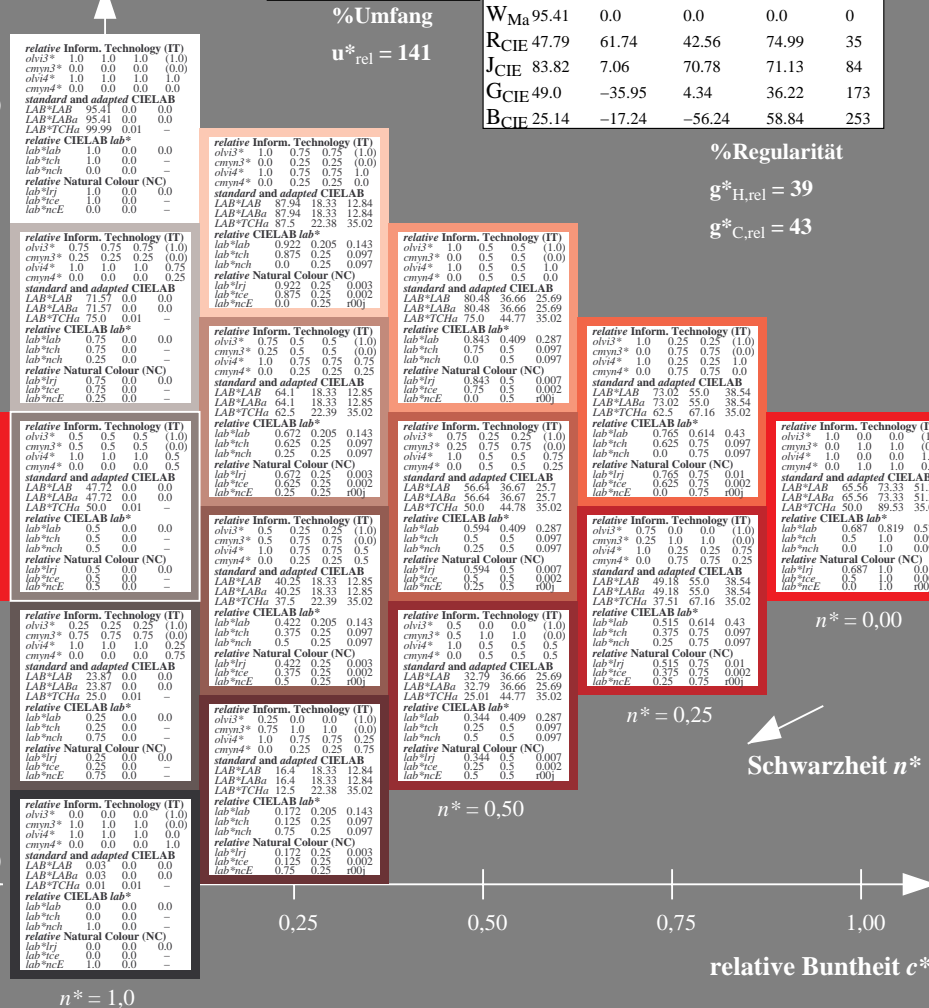
A: Buntton O  
 LCH\*Ma: 66 90 35  
 olv\*Ma: 1.0 0.0 0.0  
 Dreiecks-Helligkeit



TLS00; adaptierte CIELAB-Daten

	$L^* = L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	65.56	73.34	51.39	89.55	35
Y <sub>Ma</sub>	94.78	-3.49	52.24	52.36	94
L <sub>Ma</sub>	74.48	-92.97	36.0	93.71	159
C <sub>Ma</sub>	78.36	-82.69	-22.74	85.77	195
V <sub>Ma</sub>	12.55	38.81	-114.81	121.2	289
M <sub>Ma</sub>	66.71	76.08	-29.8	81.71	339
N <sub>Ma</sub>	0.01	0.0	0.0	0.0	0
W <sub>Ma</sub>	95.41	0.0	0.0	0.0	0
R <sub>CIE</sub>	47.79	61.74	42.56	74.99	35
J <sub>CIE</sub>	83.82	7.06	70.78	71.13	84
G <sub>CIE</sub>	49.0	-35.95	4.34	36.22	173
B <sub>CIE</sub>	25.14	-17.24	-56.24	58.84	253

%Regularität  
 $g^*_{H,rel} = 39$   
 $g^*_{C,rel} = 43$



SG40-7, 5 stufige Reihen für konstanten CIELAB Buntton 38/360 = 0.106 (links)

5 stufige Reihen für konstanten CIELAB Buntton 35/360 = 0.097 (rechts)

BAM-Prüfvorlage SG40; Farbmetrik-Systeme ORS18 & TLS00 input:  $cmY0^* setcmykcolor$

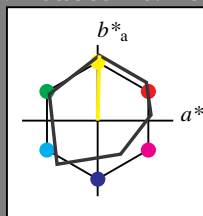
A: 5stufige Farbreihen und Koordinatendaten für 10 Bunttöne output: no change compared to input

Eingabe: Farbmetrisches Offset-Reflektiv-System ORS18

für Buntton  $h^* = lab^*h = 88/360 = 0.246$   
 $lab^*tch$  und  $lab^*nch$

A: Buntton Y  
 LCH\*Ma: 93 86 88  
 olv\*Ma: 1.0 1.0 0.0

Dreiecks-Helligkeit



ORS18; adaptierte CIELAB-Daten

	$L^* = L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	47.94	64.42	50.58	81.9	38
Y <sub>Ma</sub>	92.62	2.41	86.36	86.39	88
L <sub>Ma</sub>	50.9	-63.82	35.02	72.81	151
C <sub>Ma</sub>	51.25	-53.68	-57.69	78.82	227
V <sub>Ma</sub>	25.72	30.34	-44.37	53.76	304
M <sub>Ma</sub>	56.25	70.59	7.57	70.99	6
N <sub>Ma</sub>	18.11	0.0	0.0	0.0	0
W <sub>Ma</sub>	95.6	0.0	0.0	0.0	0
R <sub>CIE</sub>	47.79	60.85	41.08	73.41	34
J <sub>CIE</sub>	83.82	6.52	66.9	67.22	84
G <sub>CIE</sub>	49.0	-36.83	2.78	36.95	176
B <sub>CIE</sub>	25.14	-18.35	-56.22	59.15	252

%Regularität

$g^*_{H,rel} = -385$

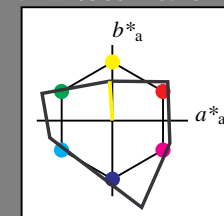
$g^*_{C,rel} = 62$

Ausgabe: Farbmetrisches Fernseh-Licht-System TLS00

für Buntton  $h^* = lab^*h = 94/360 = 0.261$   
 $lab^*tch$  und  $lab^*nch$

A: Buntton Y  
 LCH\*Ma: 95 52 94  
 olv\*Ma: 1.0 1.0 0.0

Dreiecks-Helligkeit



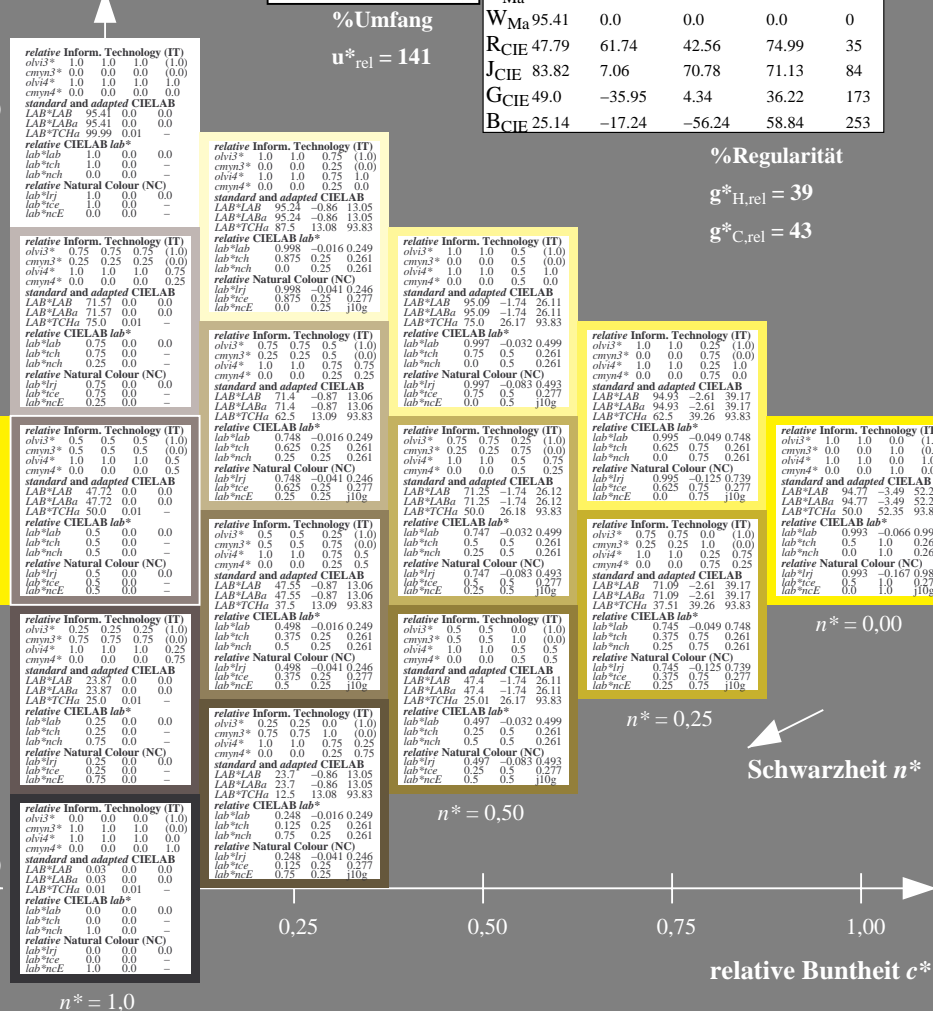
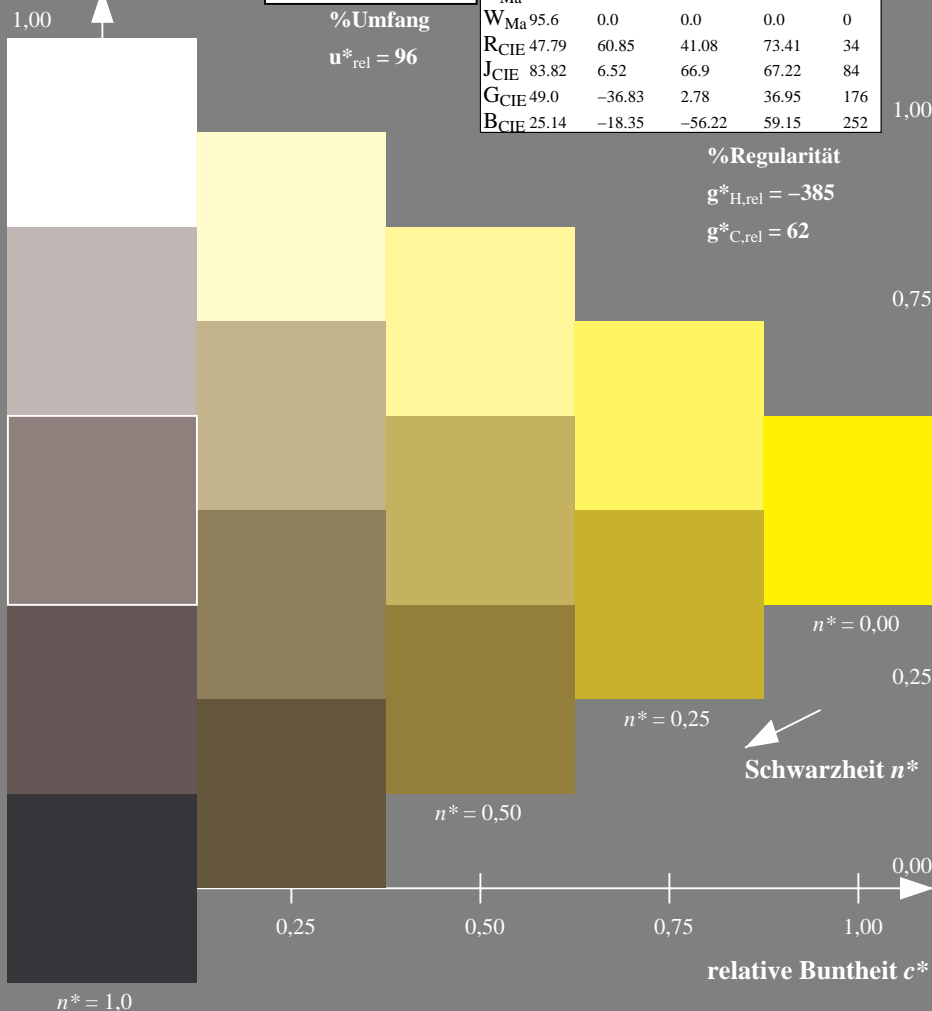
TLS00; adaptierte CIELAB-Daten

	$L^* = L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	65.56	73.34	51.39	89.55	35
Y <sub>Ma</sub>	94.78	-3.49	52.24	52.36	94
L <sub>Ma</sub>	74.48	-92.97	36.0	99.71	159
C <sub>Ma</sub>	78.36	-82.69	-22.74	85.77	195
V <sub>Ma</sub>	12.55	38.81	-114.81	121.2	289
M <sub>Ma</sub>	66.71	76.08	-29.8	81.71	339
N <sub>Ma</sub>	0.01	0.0	0.0	0.0	0
W <sub>Ma</sub>	95.41	0.0	0.0	0.0	0
R <sub>CIE</sub>	47.79	61.74	42.56	74.99	35
J <sub>CIE</sub>	83.82	7.06	70.78	71.13	84
G <sub>CIE</sub>	49.0	-35.95	4.34	36.22	173
B <sub>CIE</sub>	25.14	-17.24	-56.24	58.84	253

%Regularität

$g^*_{H,rel} = 39$

$g^*_{C,rel} = 43$



SG40-7, 5 stufige Reihen für konstanten CIELAB Buntton 88/360 = 0.246 (links)

5 stufige Reihen für konstanten CIELAB Buntton 94/360 = 0.261 (rechts)

BAM-Prüfvorlage SG40; Farbmetrik-Systeme ORS18 & TLS00 input:  $cmY0^* setcmykcolor$

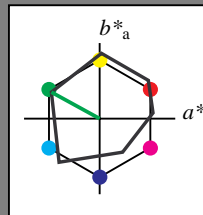
A: 5stufige Farbreihen und Koordinatendaten für 10 Bunttöne output: no change compared to input

Eingabe: Farbmetrisches Offset-Reflektiv-System ORS18

für Buntton  $h^* = lab^*h = 151/360 = 0.42$   
 $lab^*tch$  und  $lab^*nch$

A: Buntton L  
 LCH\*Ma: 51 73 151  
 olv\*Ma: 0.0 1.0 0.0

Dreiecks-Helligkeit



ORS18; adaptierte CIELAB-Daten

	$L^* = L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	47.94	64.42	50.58	81.9	38
Y <sub>Ma</sub>	92.62	2.41	86.36	86.39	88
L <sub>Ma</sub>	50.9	-63.82	35.02	72.81	151
C <sub>Ma</sub>	51.25	-53.68	-57.69	78.82	227
V <sub>Ma</sub>	25.72	30.34	-44.37	53.76	304
M <sub>Ma</sub>	56.25	70.59	7.57	70.99	6
N <sub>Ma</sub>	18.11	0.0	0.0	0.0	0
W <sub>Ma</sub>	95.6	0.0	0.0	0.0	0
R <sub>CIE</sub>	47.79	60.85	41.08	73.41	34
J <sub>CIE</sub>	83.82	6.52	66.9	67.22	84
G <sub>CIE</sub>	49.0	-36.83	2.78	36.95	176
B <sub>CIE</sub>	25.14	-18.35	-56.22	59.15	252

%Regularität

$g^*_{H,rel} = -385$

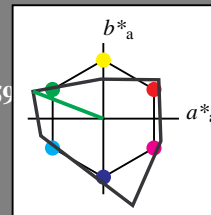
$g^*_{C,rel} = 62$

Ausgabe: Farbmetrisches Fernseh-Licht-System TLS00

für Buntton  $h^* = lab^*h = 159/360 = 0.441$   
 $lab^*tch$  und  $lab^*nch$

A: Buntton L  
 LCH\*Ma: 77 100 159  
 olv\*Ma: 0.0 1.0 0.0

Dreiecks-Helligkeit



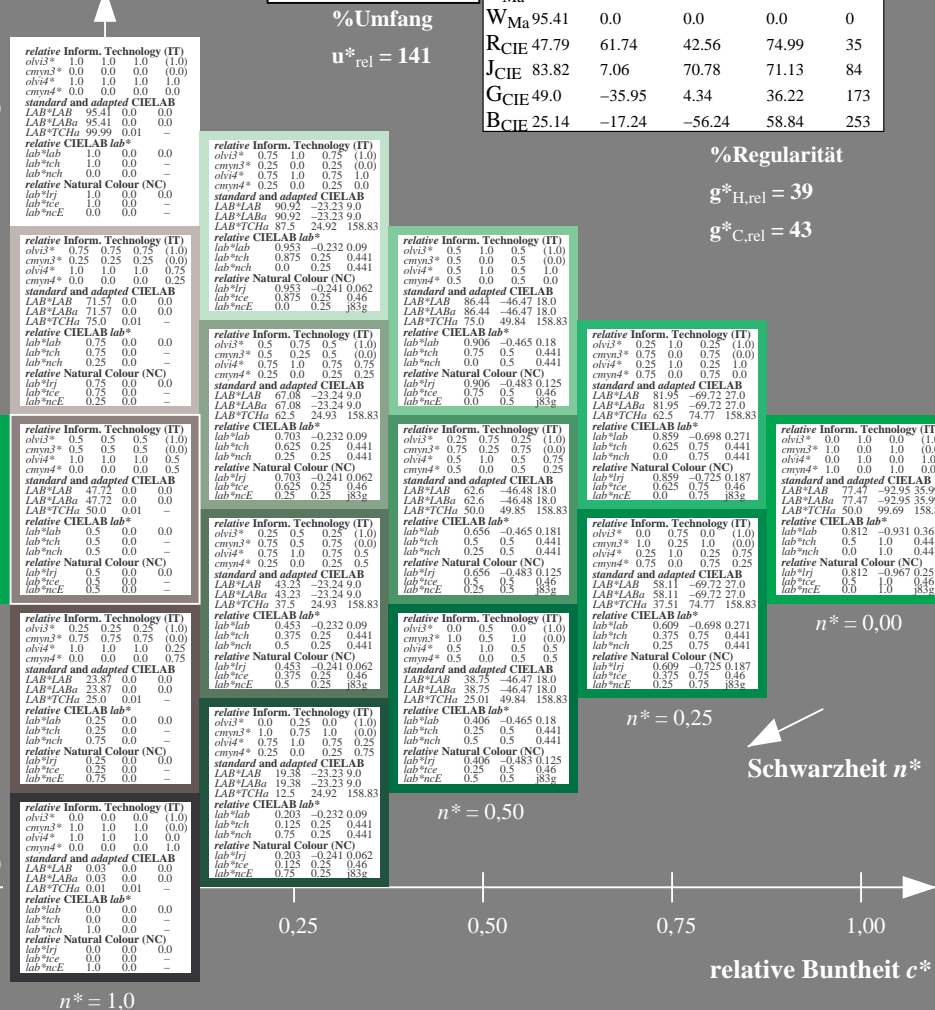
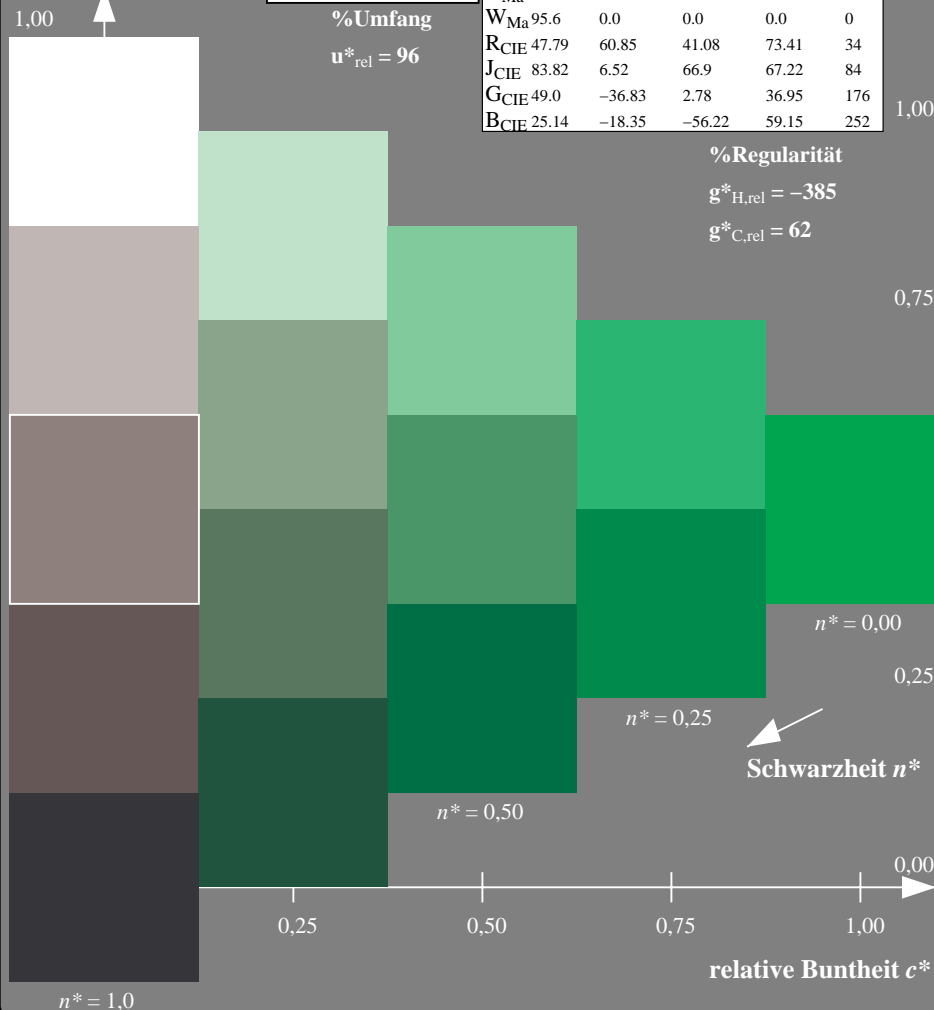
TLS00; adaptierte CIELAB-Daten

	$L^* = L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	65.56	73.34	51.39	89.55	35
Y <sub>Ma</sub>	94.78	-3.49	52.24	52.36	94
L <sub>Ma</sub>	77.48	-92.97	36.0	99.71	159
C <sub>Ma</sub>	78.36	-82.69	-22.74	85.77	195
V <sub>Ma</sub>	12.55	38.81	-114.81	121.2	289
M <sub>Ma</sub>	66.71	76.08	-29.8	81.71	339
N <sub>Ma</sub>	0.01	0.0	0.0	0.0	0
W <sub>Ma</sub>	95.41	0.0	0.0	0.0	0
R <sub>CIE</sub>	47.79	61.74	42.56	74.99	35
J <sub>CIE</sub>	83.82	7.06	70.78	71.13	84
G <sub>CIE</sub>	49.0	-35.95	4.34	36.22	173
B <sub>CIE</sub>	25.14	-17.24	-56.24	58.84	253

%Regularität

$g^*_{H,rel} = 39$

$g^*_{C,rel} = 43$



SG40-7, 5 stufige Reihen für konstanten CIELAB Buntton 151/360 = 0.42 (links)

5 stufige Reihen für konstanten CIELAB Buntton 159/360 = 0.441 (rechts)

BAM-Prüfvorlage SG40; Farbmetrik-Systeme ORS18 & TLS00 input:  $cmY0^* setcmykcolor$

A: 5stufige Farbreihen und Koordinatendaten für 10 Bunttöne output: no change compared to input

Siehe ähnliche Dateien: <http://www.ps.bam.de/SG40/>  
 Technische Information: <http://www.ps.bam.de/Version 2.1, io=0,0>

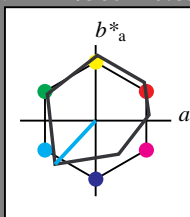
BAM-Registrierung: 20060101-SG40/10S/S40G02NP.PS/.PDF BAM-Material: Code=rh4ta  
 Anwendung für Beurteilung und Messung von Drucker- oder Monitorssystemen  
 /SG40 Form: 3/10, Serie: 1/1, Seite: 3  
 Scherz hlung 3

**Eingabe: Farbmetrisches Offset-Reflektiv-System ORS18**

für Buntton  $h^* = lab^*h = 227/360 = 0.631$   
 $lab^*tch$  und  $lab^*nch$

A: Buntton C  
 LCH\*Ma: 51 79 227  
 olv\*Ma: 0.0 1.0 1.0

Dreiecks-Helligkeit



**ORS18; adaptierte CIELAB-Daten**

	$L^* = L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	47.94	64.42	50.58	81.9	38
Y <sub>Ma</sub>	92.62	2.41	86.36	86.39	88
L <sub>Ma</sub>	50.9	-63.82	35.02	72.81	151
C <sub>Ma</sub>	51.25	-53.68	-57.69	78.82	227
V <sub>Ma</sub>	25.72	30.34	-44.37	53.76	304
M <sub>Ma</sub>	56.25	70.59	7.57	70.99	6
N <sub>Ma</sub>	18.11	0.0	0.0	0.0	0
W <sub>Ma</sub>	95.6	0.0	0.0	0.0	0
R <sub>CIE</sub>	47.79	60.85	41.08	73.41	34
J <sub>CIE</sub>	83.82	6.52	66.9	67.22	84
G <sub>CIE</sub>	49.0	-36.83	2.78	36.95	176
B <sub>CIE</sub>	25.14	-18.35	-56.22	59.15	252

%Regularität

$g^*_{H,rel} = -385$

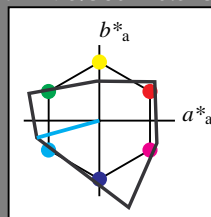
$g^*_{C,rel} = 62$

**Ausgabe: Farbmetrisches Fernseh-Licht-System TLS00**

für Buntton  $h^* = lab^*h = 195/360 = 0.543$   
 $lab^*tch$  und  $lab^*nch$

A: Buntton C  
 LCH\*Ma: 78 86 195  
 olv\*Ma: 0.0 1.0 1.0

Dreiecks-Helligkeit



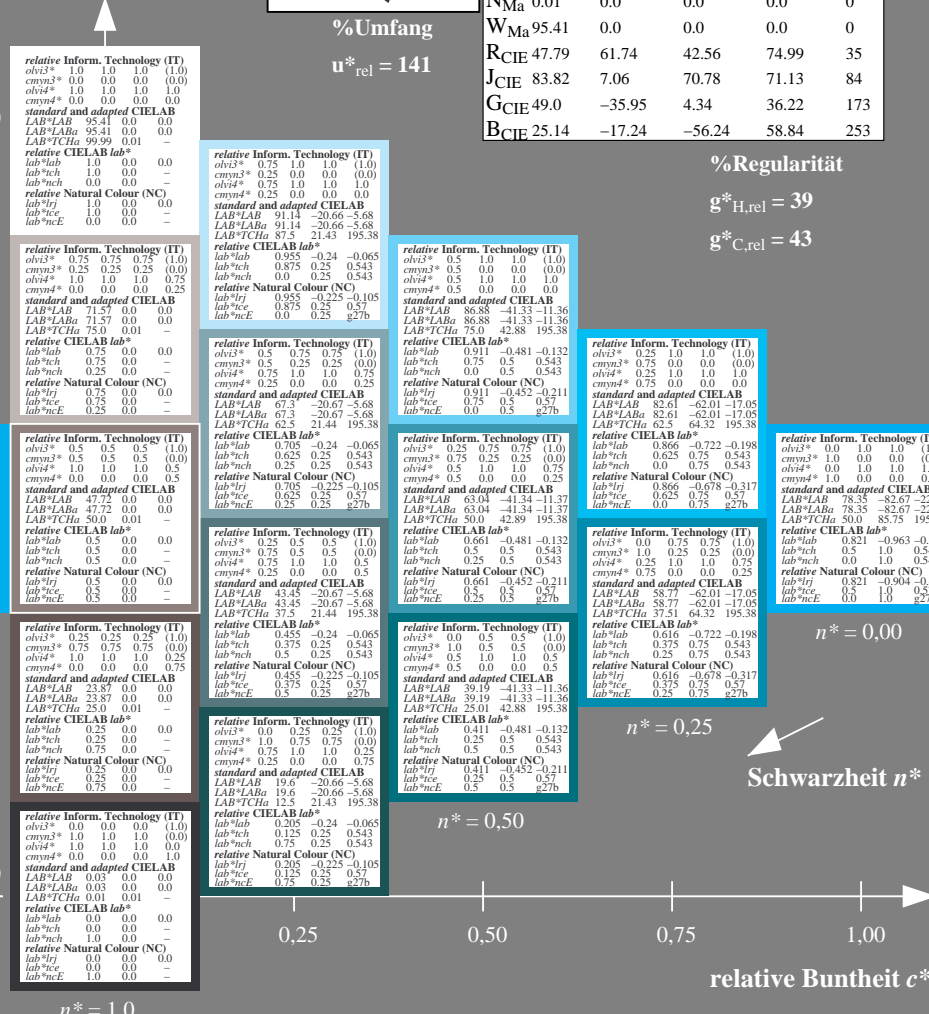
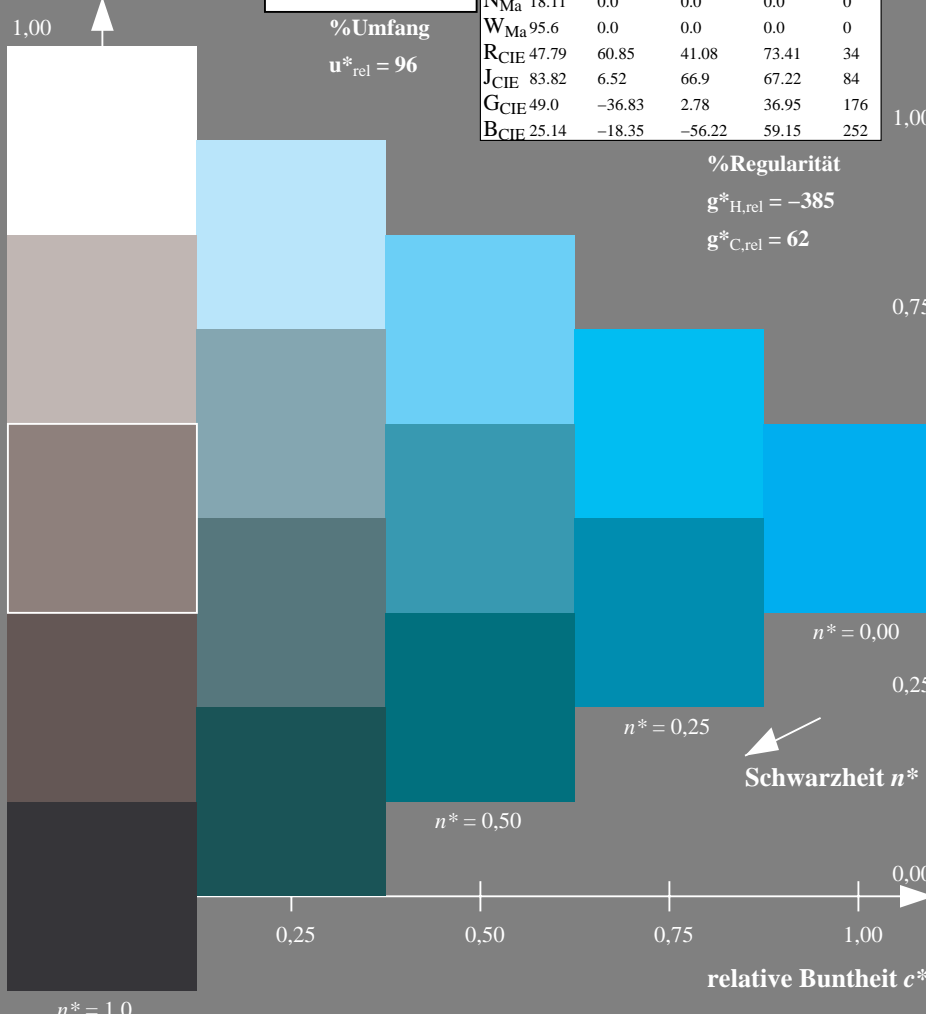
**TLS00; adaptierte CIELAB-Daten**

	$L^* = L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	65.56	73.34	51.39	89.55	35
Y <sub>Ma</sub>	94.78	-3.49	52.24	52.36	94
L <sub>Ma</sub>	74.48	-92.97	36.0	99.71	159
C <sub>Ma</sub>	78.36	-82.69	-22.74	85.77	195
V <sub>Ma</sub>	12.55	38.81	-114.81	121.2	289
M <sub>Ma</sub>	66.71	76.08	-29.8	81.71	339
N <sub>Ma</sub>	0.01	0.0	0.0	0.0	0
W <sub>Ma</sub>	95.41	0.0	0.0	0.0	0
R <sub>CIE</sub>	47.79	61.74	42.56	74.99	35
J <sub>CIE</sub>	83.82	7.06	70.78	71.13	84
G <sub>CIE</sub>	49.0	-35.95	4.34	36.22	173
B <sub>CIE</sub>	25.14	-17.24	-56.24	58.84	253

%Regularität

$g^*_{H,rel} = 39$

$g^*_{C,rel} = 43$



SG40-7, 5 stufige Reihen für konstanten CIELAB Buntton 227/360 = 0.631 (links)

5 stufige Reihen für konstanten CIELAB Buntton 195/360 = 0.543 (rechts)

BAM-Prüfvorlage SG40; Farbmetrik-Systeme ORS18 & TLS00 input:  $cmY0^* setcmykcolor$

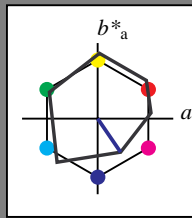
A: 5stufige Farbreihen und Koordinatendaten für 10 Bunttöne output: no change compared to input

Eingabe: Farbmetrisches Offset-Reflektiv-System ORS18

für Buntton  $h^* = lab^*h = 304/360 = 0.845$   
 $lab^*tch$  und  $lab^*nch$

A: Buntton V  
 LCH\*Ma: 26 54 304  
 olv\*Ma: 0.0 0.0 1.0

Dreiecks-Helligkeit



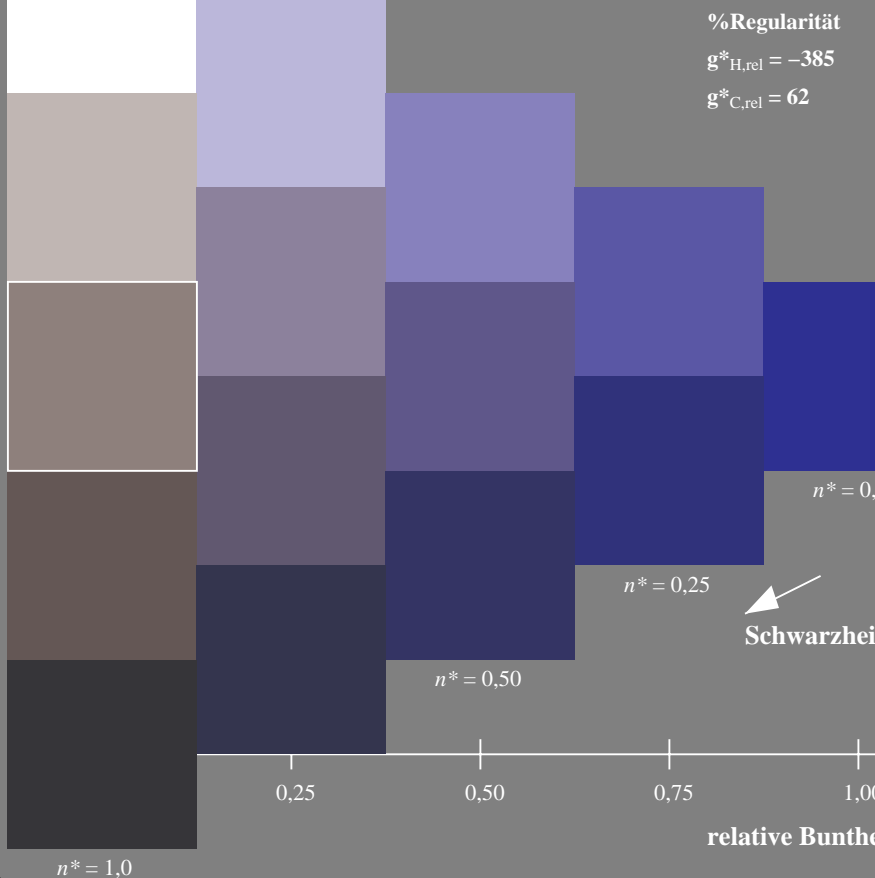
%Umfang  
 $u^*_{rel} = 96$

ORS18; adaptierte CIELAB-Daten					
	$L^* = L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	47.94	64.42	50.58	81.9	38
Y <sub>Ma</sub>	92.62	2.41	86.36	86.39	88
L <sub>Ma</sub>	50.9	-63.82	35.02	72.81	151
C <sub>Ma</sub>	51.25	-53.68	-57.69	78.82	227
V <sub>Ma</sub>	25.72	30.34	-44.37	53.76	304
M <sub>Ma</sub>	56.25	70.59	7.57	70.99	6
N <sub>Ma</sub>	18.11	0.0	0.0	0.0	0
W <sub>Ma</sub>	95.6	0.0	0.0	0.0	0
R <sub>CIE</sub>	47.79	60.85	41.08	73.41	34
J <sub>CIE</sub>	83.82	6.52	66.9	67.22	84
G <sub>CIE</sub>	49.0	-36.83	2.78	36.95	176
B <sub>CIE</sub>	25.14	-18.35	-56.22	59.15	252

%Regularität

$g^*_{H,rel} = -385$

$g^*_{C,rel} = 62$

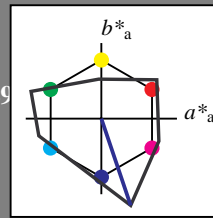


Ausgabe: Farbmetrisches Fernseh-Licht-System TLS00

für Buntton  $h^* = lab^*h = 289/360 = 0.802$   
 $lab^*tch$  und  $lab^*nch$

A: Buntton V  
 LCH\*Ma: 13 121 289  
 olv\*Ma: 0.0 0.0 1.0

Dreiecks-Helligkeit



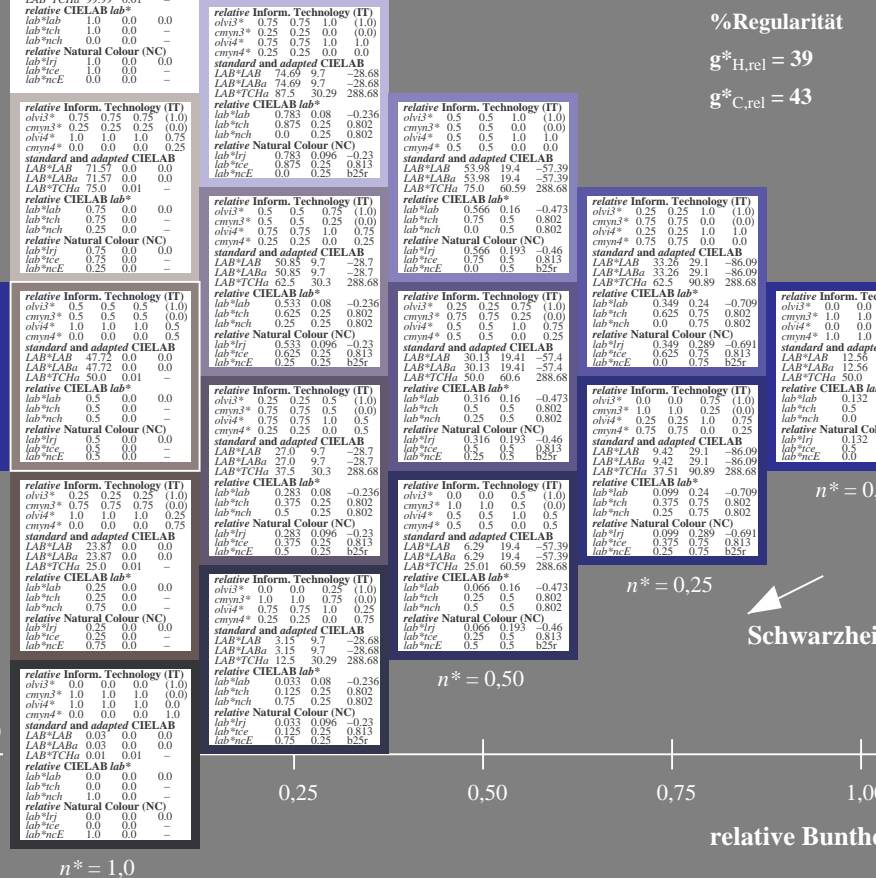
%Umfang  
 $u^*_{rel} = 141$

TLS00; adaptierte CIELAB-Daten					
	$L^* = L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	65.56	73.34	51.39	89.55	35
Y <sub>Ma</sub>	94.78	-3.49	52.24	52.36	94
L <sub>Ma</sub>	77.48	-92.97	36.0	99.71	159
C <sub>Ma</sub>	78.36	-82.69	-22.74	85.77	195
V <sub>Ma</sub>	12.55	38.81	-114.81	121.2	289
M <sub>Ma</sub>	66.71	76.08	-29.8	81.71	339
N <sub>Ma</sub>	0.01	0.0	0.0	0.0	0
W <sub>Ma</sub>	95.41	0.0	0.0	0.0	0
R <sub>CIE</sub>	47.79	61.74	42.56	74.99	35
J <sub>CIE</sub>	83.82	7.06	70.78	71.13	84
G <sub>CIE</sub>	49.0	-35.95	4.34	36.22	173
B <sub>CIE</sub>	25.14	-17.24	-56.24	58.84	253

%Regularität

$g^*_{H,rel} = 39$

$g^*_{C,rel} = 43$



SG40-7, 5 stufige Reihen für konstanten CIELAB Buntton 304/360 = 0.845 (links)

5 stufige Reihen für konstanten CIELAB Buntton 289/360 = 0.802 (rechts)

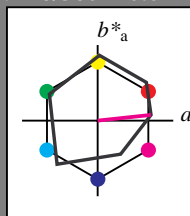
BAM-Prüfvorlage SG40; Farbmetrik-Systeme ORS18 & TLS00 input:  $cmY0^* setcmykcolor$

A: 5stufige Farbreihen und Koordinatendaten für 10 Bunttöne output: no change compared to input

Eingabe: Farbmetrisches Offset-Reflektiv-System ORS18

für Buntton  $h^* = lab^*h = 6/360 = 0.017$   
 $lab^*tch$  und  $lab^*nch$

A: Buntton M  
 LCH\*Ma: 56 71 6  
 olv\*Ma: 1.0 0.0 1.0  
 Dreiecks-Helligkeit



ORS18; adaptierte CIELAB-Daten

	$L^* = L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	47.94	64.42	50.58	81.9	38
Y <sub>Ma</sub>	92.62	2.41	86.36	86.39	88
L <sub>Ma</sub>	50.9	-63.82	35.02	72.81	151
C <sub>Ma</sub>	51.25	-53.68	-57.69	78.82	227
V <sub>Ma</sub>	25.72	30.34	-44.37	53.76	304
M <sub>Ma</sub>	56.25	70.59	7.57	70.99	6
N <sub>Ma</sub>	18.11	0.0	0.0	0.0	0
W <sub>Ma</sub>	95.6	0.0	0.0	0.0	0
R <sub>CIE</sub>	47.79	60.85	41.08	73.41	34
J <sub>CIE</sub>	83.82	6.52	66.9	67.22	84
G <sub>CIE</sub>	49.0	-36.83	2.78	36.95	176
B <sub>CIE</sub>	25.14	-18.35	-56.22	59.15	252

%Regularität

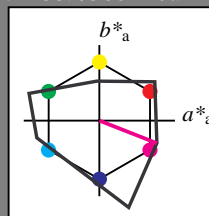
$g^*_{H,rel} = -385$

$g^*_{C,rel} = 62$

Ausgabe: Farbmetrisches Fernseh-Licht-System TLS00

für Buntton  $h^* = lab^*h = 339/360 = 0.941$   
 $lab^*tch$  und  $lab^*nch$

A: Buntton M  
 LCH\*Ma: 67 82 339  
 olv\*Ma: 1.0 0.0 1.0  
 Dreiecks-Helligkeit



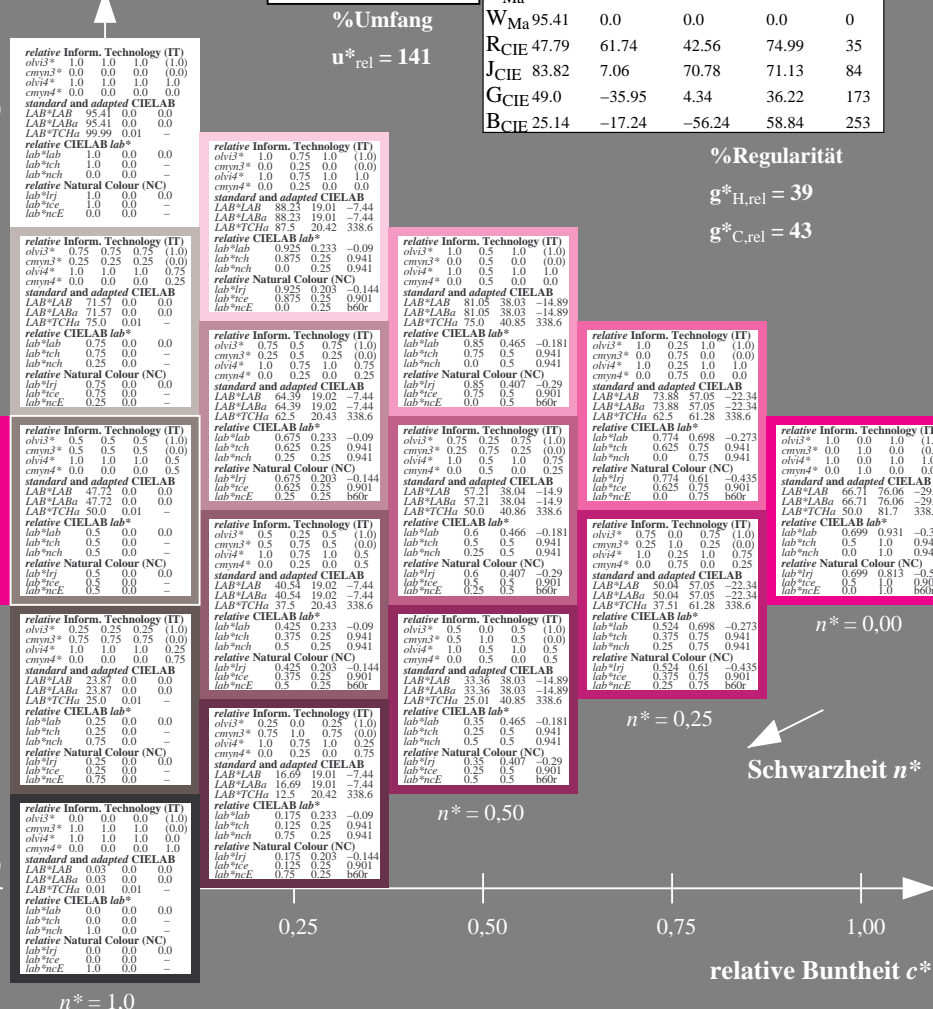
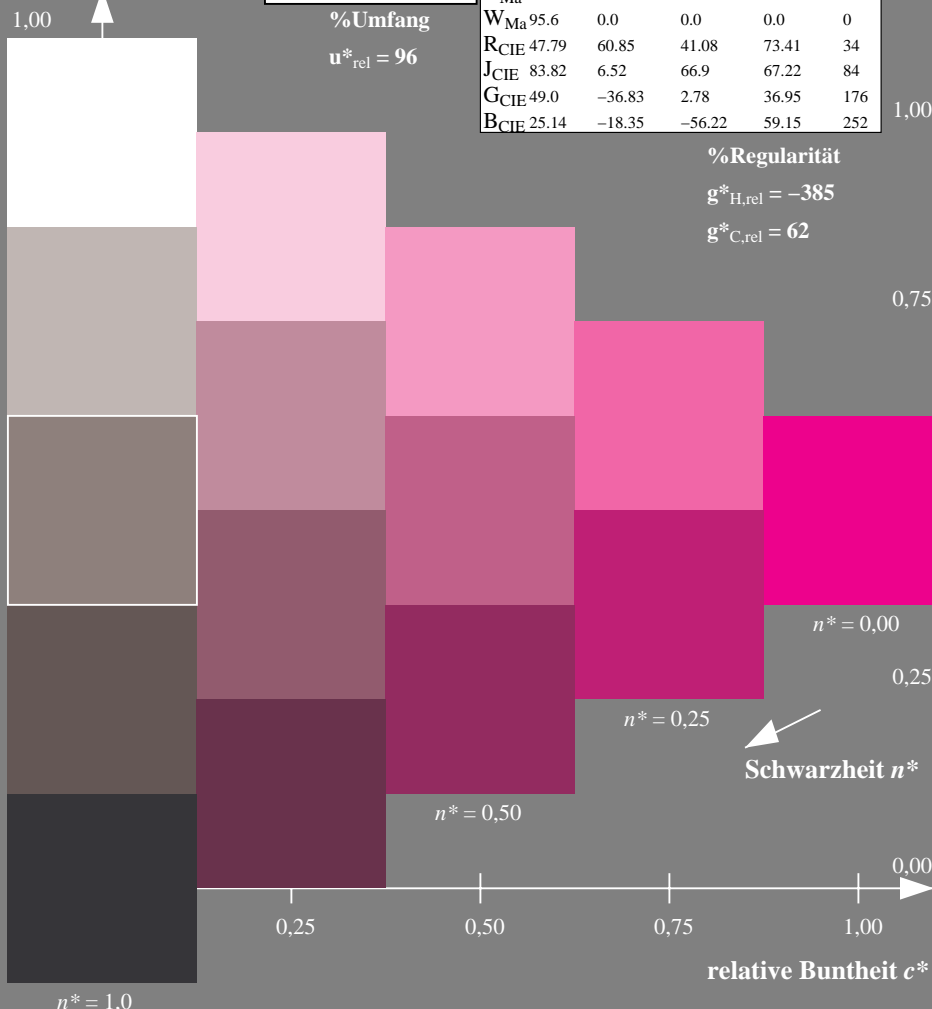
TLS00; adaptierte CIELAB-Daten

	$L^* = L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	65.56	73.34	51.39	89.55	35
Y <sub>Ma</sub>	94.78	-3.49	52.24	52.36	94
L <sub>Ma</sub>	77.48	-92.97	36.0	99.71	159
C <sub>Ma</sub>	78.36	-82.69	-22.74	85.77	195
V <sub>Ma</sub>	12.55	38.81	-114.81	121.2	289
M <sub>Ma</sub>	66.71	76.08	-29.8	81.71	339
N <sub>Ma</sub>	0.01	0.0	0.0	0.0	0
W <sub>Ma</sub>	95.41	0.0	0.0	0.0	0
R <sub>CIE</sub>	47.79	61.74	42.56	74.99	35
J <sub>CIE</sub>	83.82	7.06	70.78	71.13	84
G <sub>CIE</sub>	49.0	-35.95	4.34	36.22	173
B <sub>CIE</sub>	25.14	-17.24	-56.24	58.84	253

%Regularität

$g^*_{H,rel} = 39$

$g^*_{C,rel} = 43$



SG40-7, 5 stufige Reihen für konstanten CIELAB Buntton 6/360 = 0.017 (links)

5 stufige Reihen für konstanten CIELAB Buntton 339/360 = 0.941 (rechts)

BAM-Prüfvorlage SG40; Farbmetrik-Systeme ORS18 & TLS00 input:  $cmY0^* setcmykcolor$

A: 5stufige Farbreihen und Koordinatendaten für 10 Bunttöne output: no change compared to input

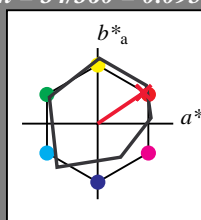
Siehe ähnliche Dateien: <http://www.ps.bam.de/SG40/>  
 Technische Information: <http://www.ps.bam.de> Version 2.1, io=0,0

BAM-Registrierung: 20060101-SG40/10S/S40G05NP.PS/.PDF BAM-Material: Code=rhakta  
 Anwendung für Beurteilung und Messung von Drucker- oder Monitorssystemen  
 /SG40 Form: 6/10, Serie: 1/1, Seite: 6  
 Scherz hlung 6

**Eingabe: Farbmatisches Offset-Reflektiv-System ORS18**

für Buntton  $h^* = lab^*h = 34/360 = 0.095$   
 $lab^*tch$  und  $lab^*nch$

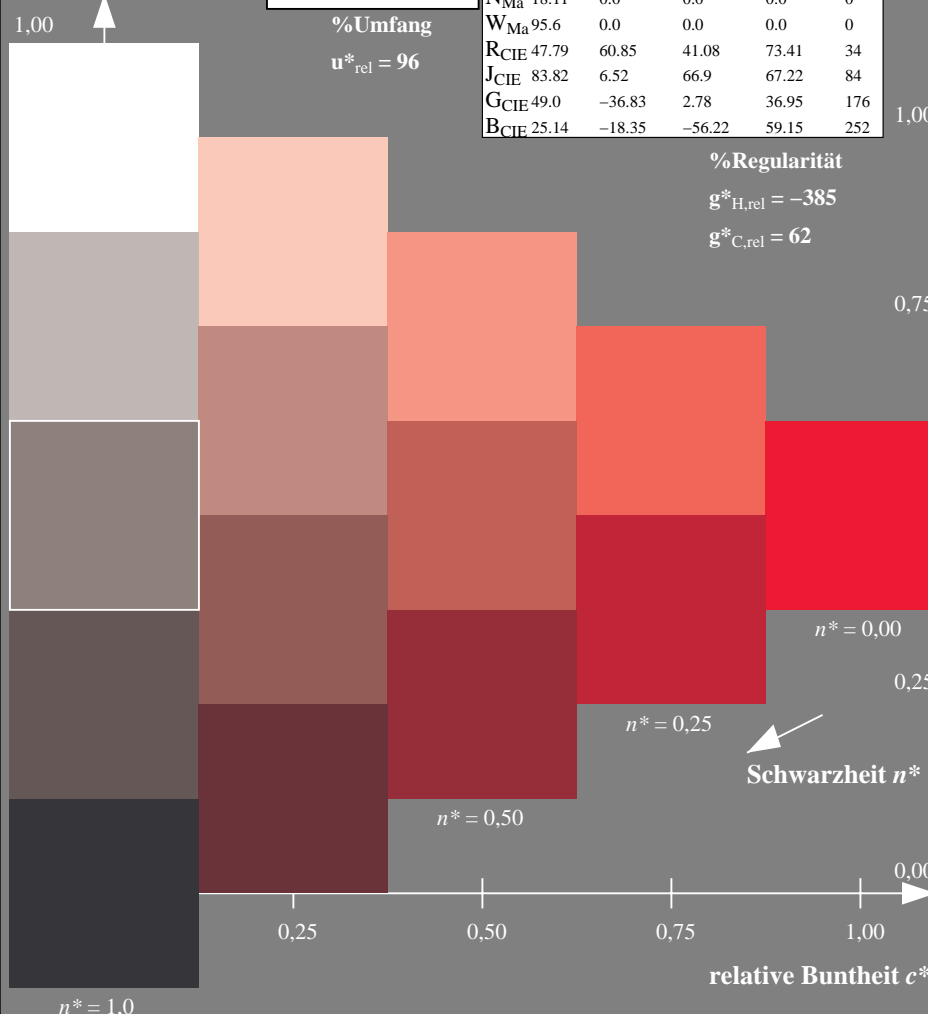
A: Buntton R  
 LCH\*Ma: 49 79 34  
 olv\*Ma: 1.0 0.0 0.15  
 Dreiecks-Helligkeit



**ORS18; adaptierte CIELAB-Daten**

	$L^* = L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	47.94	64.42	50.58	81.9	38
Y <sub>Ma</sub>	92.62	2.41	86.36	86.39	88
L <sub>Ma</sub>	50.9	-63.82	35.02	72.81	151
C <sub>Ma</sub>	51.25	-53.68	-57.69	78.82	227
V <sub>Ma</sub>	25.72	30.34	-44.37	53.76	304
M <sub>Ma</sub>	56.25	70.59	7.57	70.99	6
N <sub>Ma</sub>	18.11	0.0	0.0	0.0	0
W <sub>Ma</sub>	95.6	0.0	0.0	0.0	0
R <sub>CIE</sub>	47.79	60.85	41.08	73.41	34
J <sub>CIE</sub>	83.82	6.52	66.9	67.22	84
G <sub>CIE</sub>	49.0	-36.83	2.78	36.95	176
B <sub>CIE</sub>	25.14	-18.35	-56.22	59.15	252

%Regularität  
 $g^*_{H,rel} = -385$   
 $g^*_{C,rel} = 62$

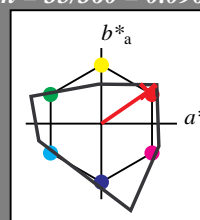


SG40-7, 5 stufige Reihen für konstanten CIELAB Buntton 34/360 = 0.095 (links)

**Ausgabe: Farbmatisches Fernseh-Licht-System TLS00**

für Buntton  $h^* = lab^*h = 35/360 = 0.096$   
 $lab^*tch$  und  $lab^*nch$

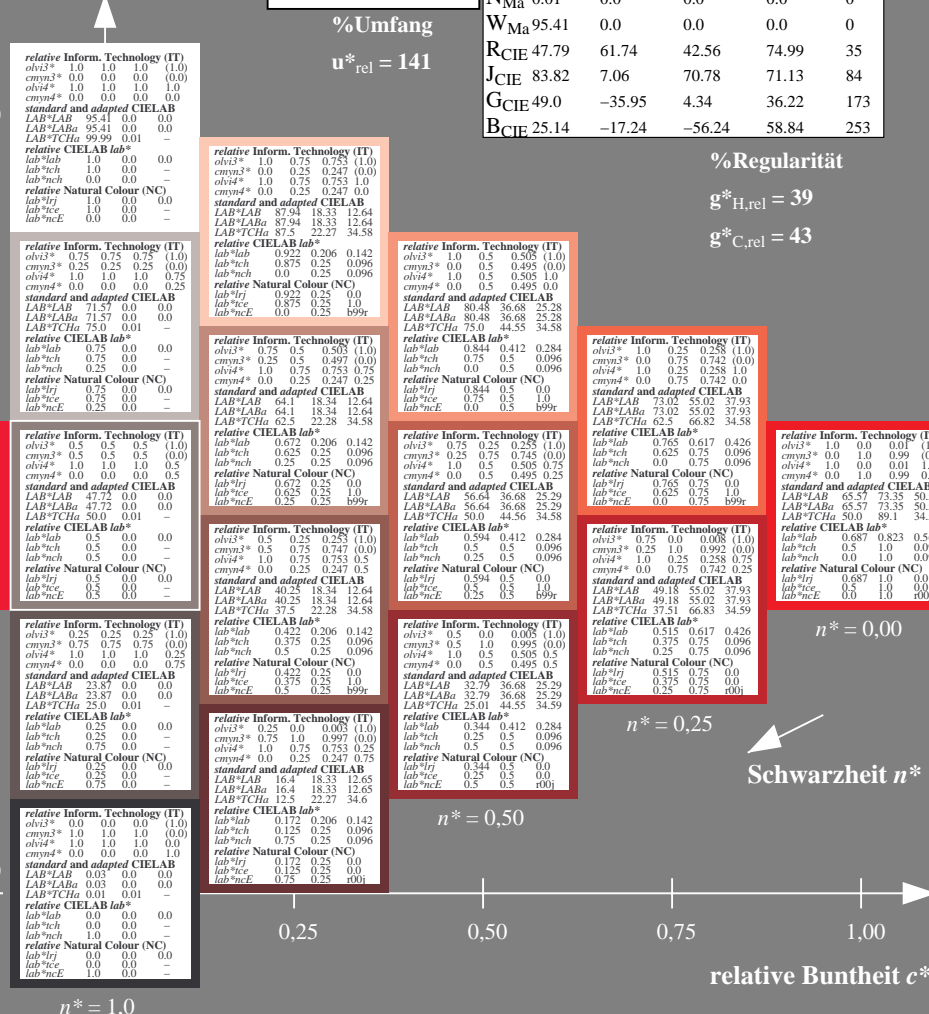
A: Buntton R  
 LCH\*Ma: 66 89 35  
 olv\*Ma: 1.0 0.0 0.01  
 Dreiecks-Helligkeit



**TLS00; adaptierte CIELAB-Daten**

	$L^* = L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	65.56	73.34	51.39	89.55	35
Y <sub>Ma</sub>	94.78	-3.49	52.24	52.36	94
L <sub>Ma</sub>	77.48	-92.97	36.0	99.71	159
C <sub>Ma</sub>	78.36	-82.69	-22.74	85.77	195
V <sub>Ma</sub>	12.55	38.81	-114.81	121.2	289
M <sub>Ma</sub>	66.71	76.08	-29.8	81.71	339
N <sub>Ma</sub>	0.01	0.0	0.0	0.0	0
W <sub>Ma</sub>	95.41	0.0	0.0	0.0	0
R <sub>CIE</sub>	47.79	61.74	42.56	74.99	35
J <sub>CIE</sub>	83.82	7.06	70.78	71.13	84
G <sub>CIE</sub>	49.0	-35.95	4.34	36.22	173
B <sub>CIE</sub>	25.14	-17.24	-56.24	58.84	253

%Regularität  
 $g^*_{H,rel} = 39$   
 $g^*_{C,rel} = 43$



5 stufige Reihen für konstanten CIELAB Buntton 35/360 = 0.096 (rechts)

BAM-Prüfvorlage SG40; Farbmatrik-Systeme ORS18 & TLS00 input:  $cmY0^*$  setcmykcolor

A: 5stufige Farbreihen und Koordinatendaten für 10 Bunttöne output: no change compared to input

Siehe ähnliche Dateien: <http://www.ps.bam.de/SG40/>  
 Technische Information: <http://www.ps.bam.de> Version 2.1, io=0,0

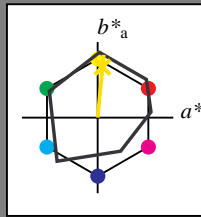
BAM-Registrierung: 20060101-SG40/10S/S40G06NP.PS/.PDF BAM-Material: Code=rh4ta  
 Anwendung für Beurteilung und Messung von Drucker- oder Monitorssystemen

**Eingabe: Farbmetrisches Offset-Reflektiv-System ORS18**

für Buntton  $h^* = lab^*h = 84/360 = 0.235$   
 $lab^*tch$  und  $lab^*nch$

A: Buntton J  
 LCH\*Ma: 89 83 84  
 olv\*Ma: 1.0 0.91 0.0

Dreiecks-Helligkeit



**ORS18; adaptierte CIELAB-Daten**

	$L^* = L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	47.94	64.42	50.58	81.9	38
Y <sub>Ma</sub>	92.62	2.41	86.36	86.39	88
L <sub>Ma</sub>	50.9	-63.82	35.02	72.81	151
C <sub>Ma</sub>	51.25	-53.68	-57.69	78.82	227
V <sub>Ma</sub>	25.72	30.34	-44.37	53.76	304
M <sub>Ma</sub>	56.25	70.59	7.57	70.99	6
N <sub>Ma</sub>	18.11	0.0	0.0	0.0	0
W <sub>Ma</sub>	95.6	0.0	0.0	0.0	0
R <sub>CIE</sub>	47.79	60.85	41.08	73.41	34
J <sub>CIE</sub>	83.82	6.52	66.9	67.22	84
G <sub>CIE</sub>	49.0	-36.83	2.78	36.95	176
B <sub>CIE</sub>	25.14	-18.35	-56.22	59.15	252

%Regularität

$g^*_{H,rel} = -385$

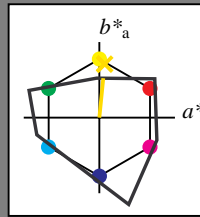
$g^*_{C,rel} = 62$

**Ausgabe: Farbmetrisches Fernseh-Licht-System TLS00**

für Buntton  $h^* = lab^*h = 84/360 = 0.234$   
 $lab^*tch$  und  $lab^*nch$

A: Buntton J  
 LCH\*Ma: 91 52 84  
 olv\*Ma: 1.0 0.89 0.0

Dreiecks-Helligkeit



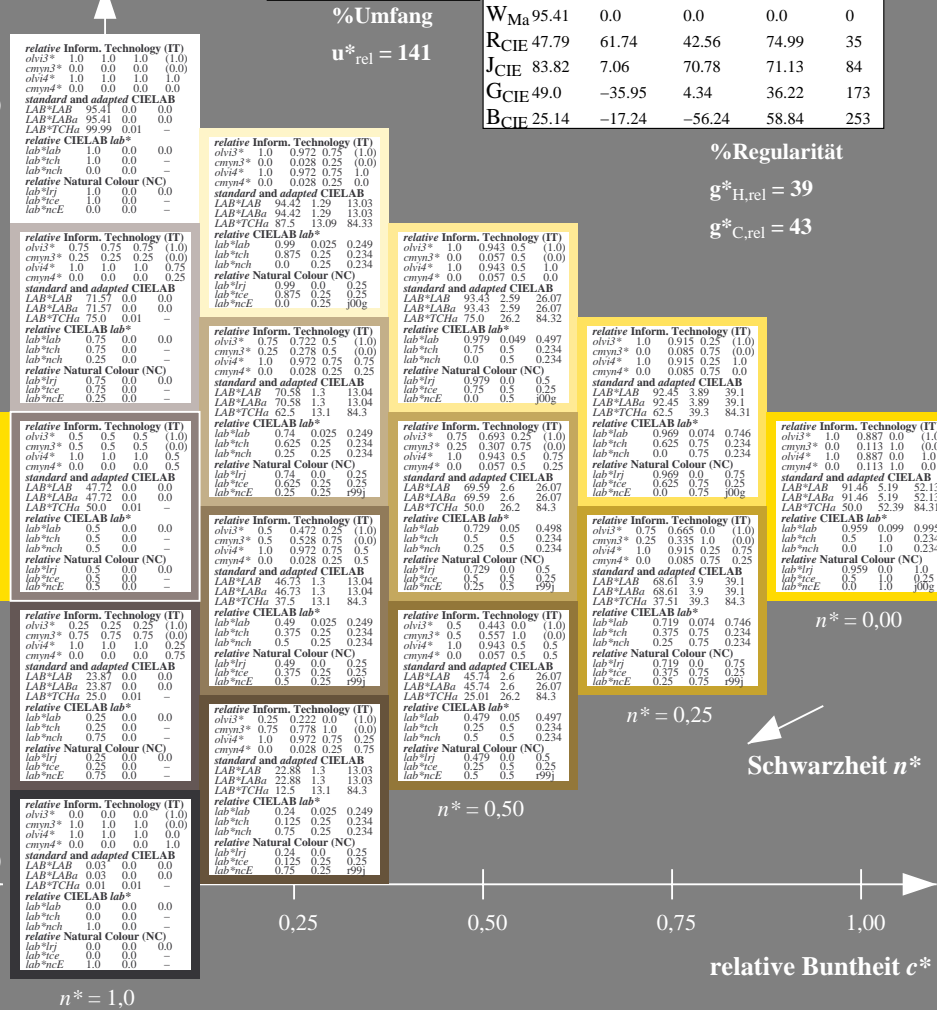
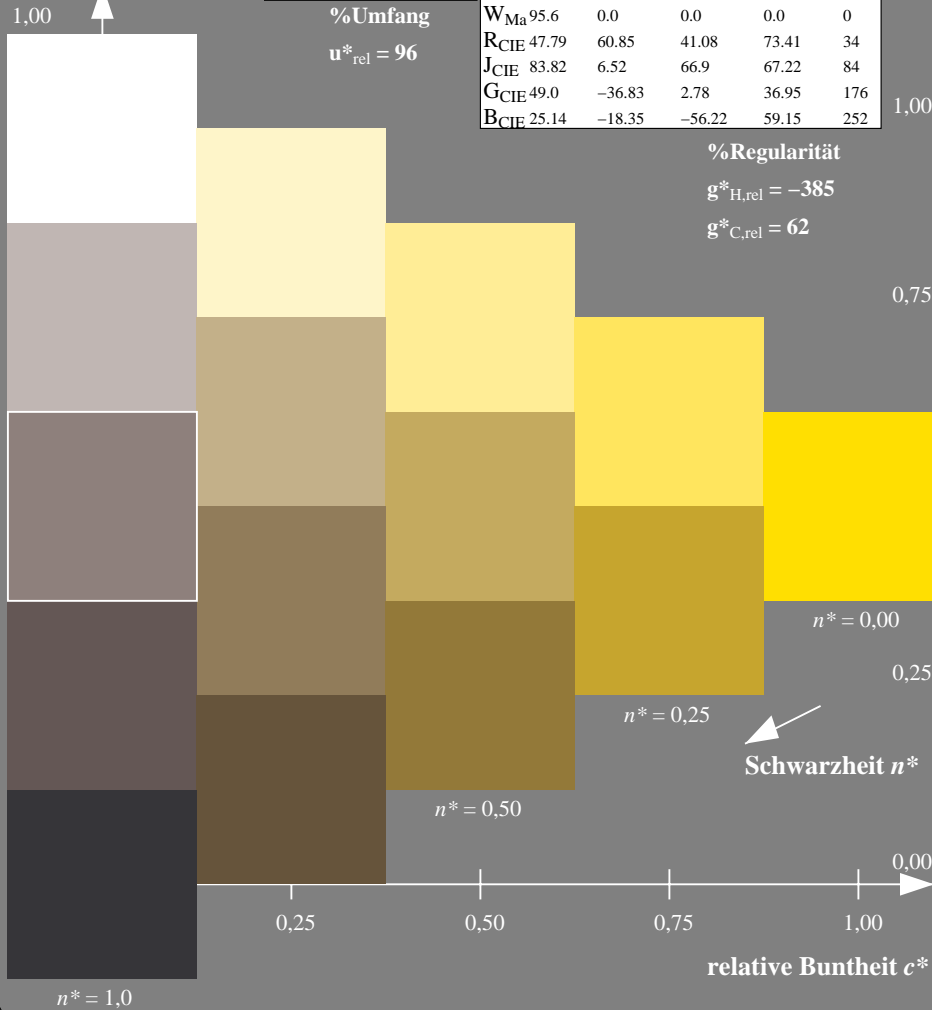
**TLS00; adaptierte CIELAB-Daten**

	$L^* = L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	65.56	73.34	51.39	89.55	35
Y <sub>Ma</sub>	94.78	-3.49	52.24	52.36	94
L <sub>Ma</sub>	77.48	-92.97	36.0	93.71	159
C <sub>Ma</sub>	78.36	-82.69	-22.74	85.77	195
V <sub>Ma</sub>	12.55	38.81	-114.81	121.2	289
M <sub>Ma</sub>	66.71	76.08	-29.8	81.71	339
N <sub>Ma</sub>	0.01	0.0	0.0	0.0	0
W <sub>Ma</sub>	95.41	0.0	0.0	0.0	0
R <sub>CIE</sub>	47.79	61.74	42.56	74.99	35
J <sub>CIE</sub>	83.82	7.06	70.78	71.13	84
G <sub>CIE</sub>	49.0	-35.95	4.34	36.22	173
B <sub>CIE</sub>	25.14	-17.24	-56.24	58.84	253

%Regularität

$g^*_{H,rel} = 39$

$g^*_{C,rel} = 43$



SG40-7, 5 stufige Reihen für konstanten CIELAB Buntton 84/360 = 0.235 (links)

5 stufige Reihen für konstanten CIELAB Buntton 84/360 = 0.234 (rechts)

BAM-Prüfvorlage SG40; Farbmetrik-Systeme ORS18 & TLS00 input:  $cmY0^* setcmykcolor$

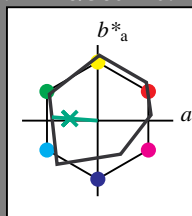
A: 5stufige Farbreihen und Koordinatendaten für 10 Bunttöne output: no change compared to input



**Eingabe: Farbmetrisches Offset-Reflektiv-System ORS18**

für Buntton  $h^* = lab^*h = 176/360 = 0.488$   
 $lab^*tch$  und  $lab^*nch$

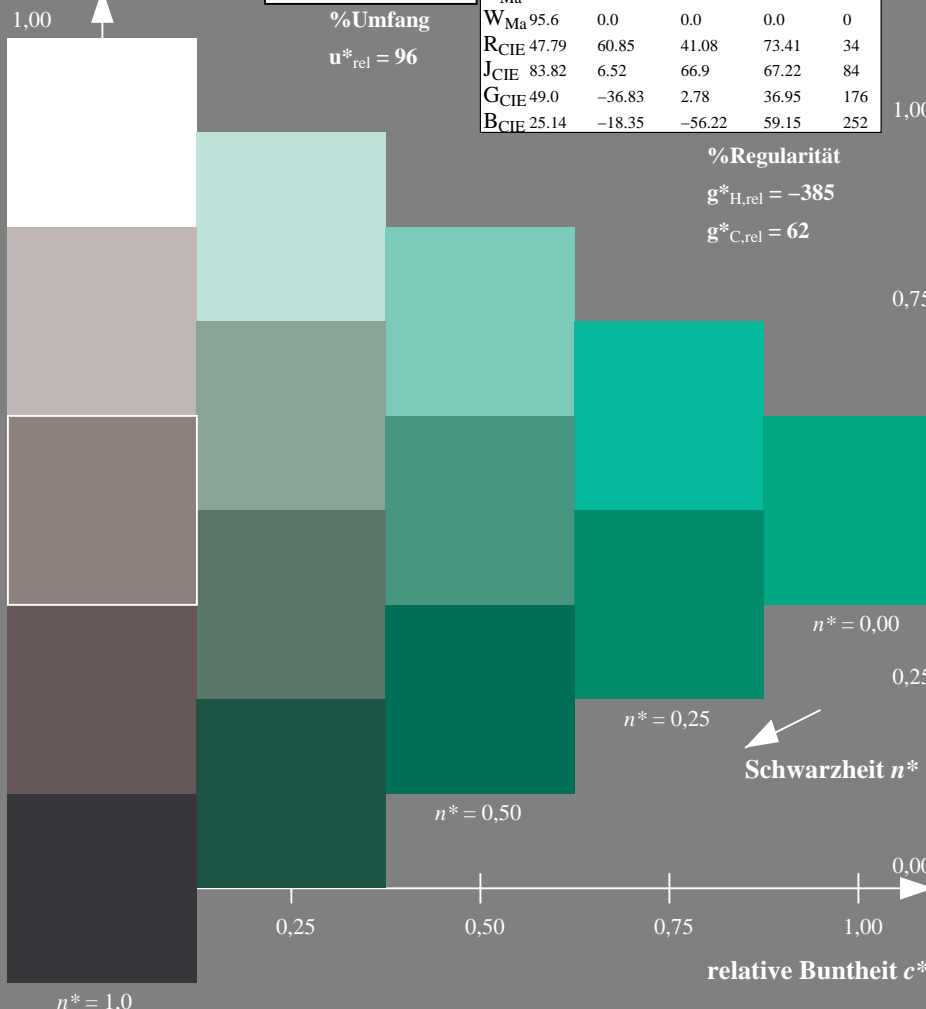
A: Buntton G  
 LCH\*Ma: 51 61 176  
 olv\*Ma: 0.0 1.0 0.33  
 Dreiecks-Helligkeit



**ORS18; adaptierte CIELAB-Daten**

	$L^* = L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	47.94	64.42	50.58	81.9	38
Y <sub>Ma</sub>	92.62	2.41	86.36	86.39	88
L <sub>Ma</sub>	50.9	-63.82	35.02	72.81	151
C <sub>Ma</sub>	51.25	-53.68	-57.69	78.82	227
V <sub>Ma</sub>	25.72	30.34	-44.37	53.76	304
M <sub>Ma</sub>	56.25	70.59	7.57	70.99	6
N <sub>Ma</sub>	18.11	0.0	0.0	0.0	0
W <sub>Ma</sub>	95.6	0.0	0.0	0.0	0
R <sub>CIE</sub>	47.79	60.85	41.08	73.41	34
J <sub>CIE</sub>	83.82	6.52	66.9	67.22	84
G <sub>CIE</sub>	49.0	-36.83	2.78	36.95	176
B <sub>CIE</sub>	25.14	-18.35	-56.22	59.15	252

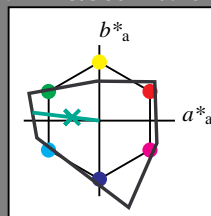
%Regularität  
 $g^*_{H,rel} = -385$   
 $g^*_{C,rel} = 62$



**Ausgabe: Farbmetrisches Fernseh-Licht-System TLS00**

für Buntton  $h^* = lab^*h = 173/360 = 0.481$   
 $lab^*tch$  und  $lab^*nch$

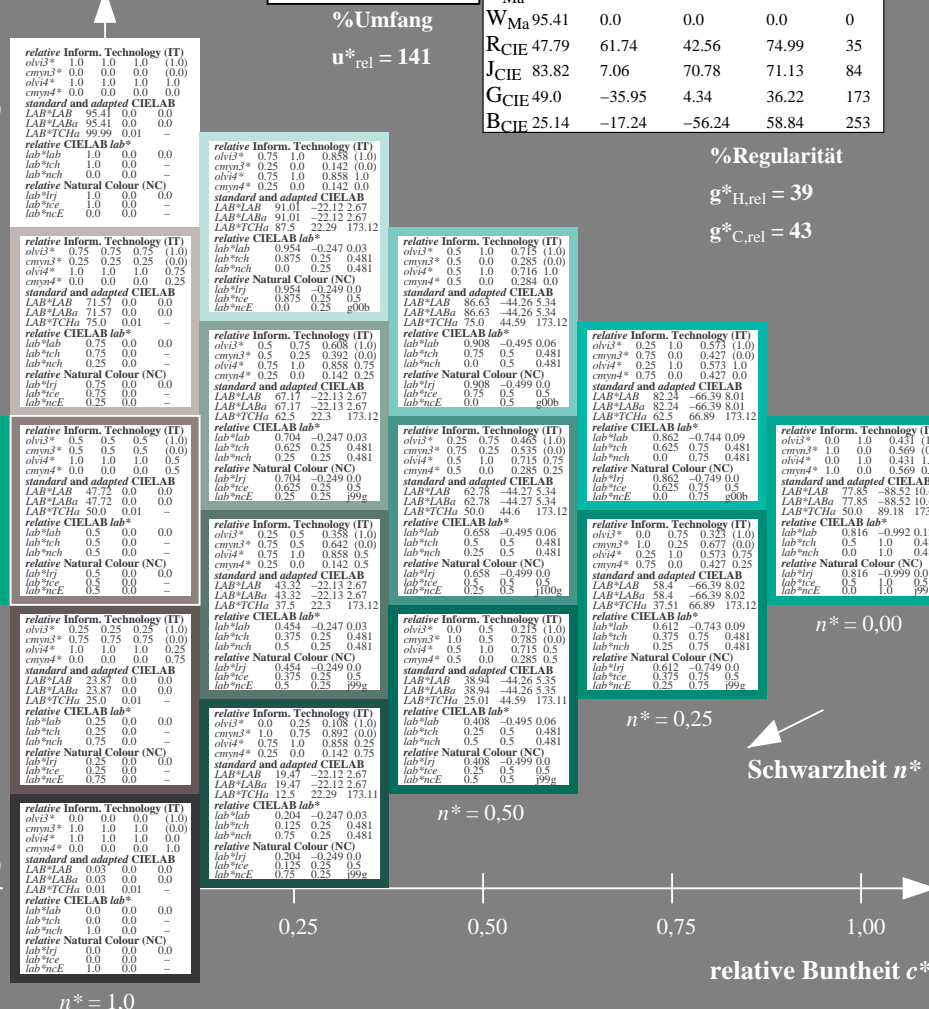
A: Buntton G  
 LCH\*Ma: 78 89 173  
 olv\*Ma: 0.0 1.0 0.43  
 Dreiecks-Helligkeit



**TLS00; adaptierte CIELAB-Daten**

	$L^* = L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	65.56	73.34	51.39	89.55	35
Y <sub>Ma</sub>	94.78	-3.49	52.24	52.36	94
L <sub>Ma</sub>	74.48	-92.97	36.0	99.71	159
C <sub>Ma</sub>	78.36	-82.69	-22.74	85.77	195
V <sub>Ma</sub>	12.55	38.81	-114.81	121.2	289
M <sub>Ma</sub>	66.71	76.08	-29.8	81.71	339
N <sub>Ma</sub>	0.01	0.0	0.0	0.0	0
W <sub>Ma</sub>	95.41	0.0	0.0	0.0	0
R <sub>CIE</sub>	47.79	61.74	42.56	74.99	35
J <sub>CIE</sub>	83.82	7.06	70.78	71.13	84
G <sub>CIE</sub>	49.0	-35.95	4.34	36.22	173
B <sub>CIE</sub>	25.14	-17.24	-56.24	58.84	253

%Regularität  
 $g^*_{H,rel} = 39$   
 $g^*_{C,rel} = 43$



SG40-7, 5 stufige Reihen für konstanten CIELAB Buntton 176/360 = 0.488 (links)

5 stufige Reihen für konstanten CIELAB Buntton 173/360 = 0.481 (rechts)

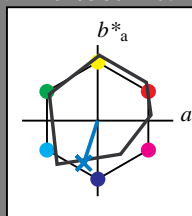
BAM-Prüfvorlage SG40; Farbmetrik-Systeme ORS18 & TLS00 input:  $cmY0^*$  setcmYcolor

A: 5stufige Farbreihen und Koordinatendaten für 10 Bunttöne    output: no change compared to input

Eingabe: Farbmetrisches Offset-Reflektiv-System ORS18

für Buntton  $h^* = lab^*h = 252/360 = 0.7$   
 $lab^*tch$  und  $lab^*nch$

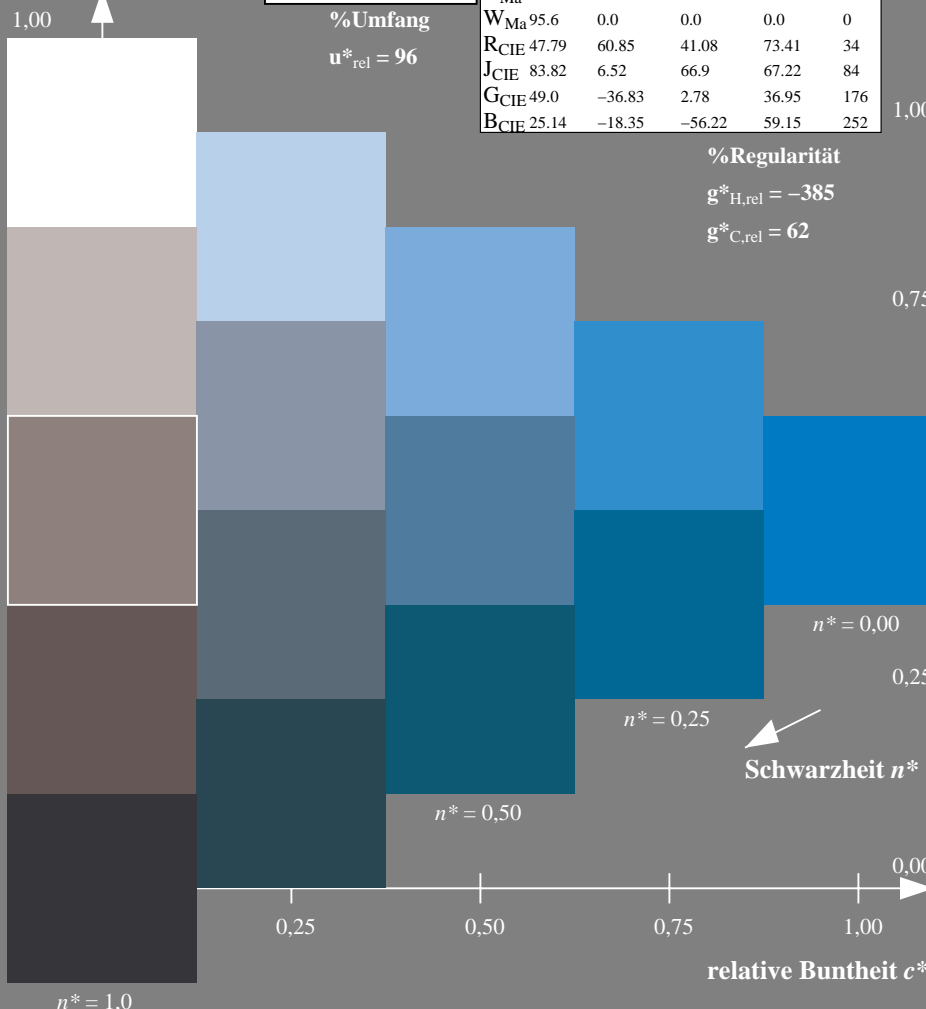
A: Buntton B  
 LCH\*Ma: 40 55 252  
 olv\*Ma: 0.0 0.56 1.0  
 Dreiecks-Helligkeit



ORS18; adaptierte CIELAB-Daten

	$L^* = L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	47.94	64.42	50.58	81.9	38
Y <sub>Ma</sub>	92.62	2.41	86.36	86.39	88
L <sub>Ma</sub>	50.9	-63.82	35.02	72.81	151
C <sub>Ma</sub>	51.25	-53.68	-57.69	78.82	227
V <sub>Ma</sub>	25.72	30.34	-44.37	53.76	304
M <sub>Ma</sub>	56.25	70.59	7.57	70.99	6
N <sub>Ma</sub>	18.11	0.0	0.0	0.0	0
W <sub>Ma</sub>	95.6	0.0	0.0	0.0	0
R <sub>CIE</sub>	47.79	60.85	41.08	73.41	34
J <sub>CIE</sub>	83.82	6.52	66.9	67.22	84
G <sub>CIE</sub>	49.0	-36.83	2.78	36.95	176
B <sub>CIE</sub>	25.14	-18.35	-56.22	59.15	252

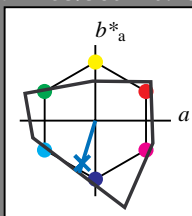
%Regularität  
 $g^*_{H,rel} = -385$   
 $g^*_{C,rel} = 62$



Ausgabe: Farbmetrisches Fernseh-Licht-System TLS00

für Buntton  $h^* = lab^*h = 253/360 = 0.703$   
 $lab^*tch$  und  $lab^*nch$

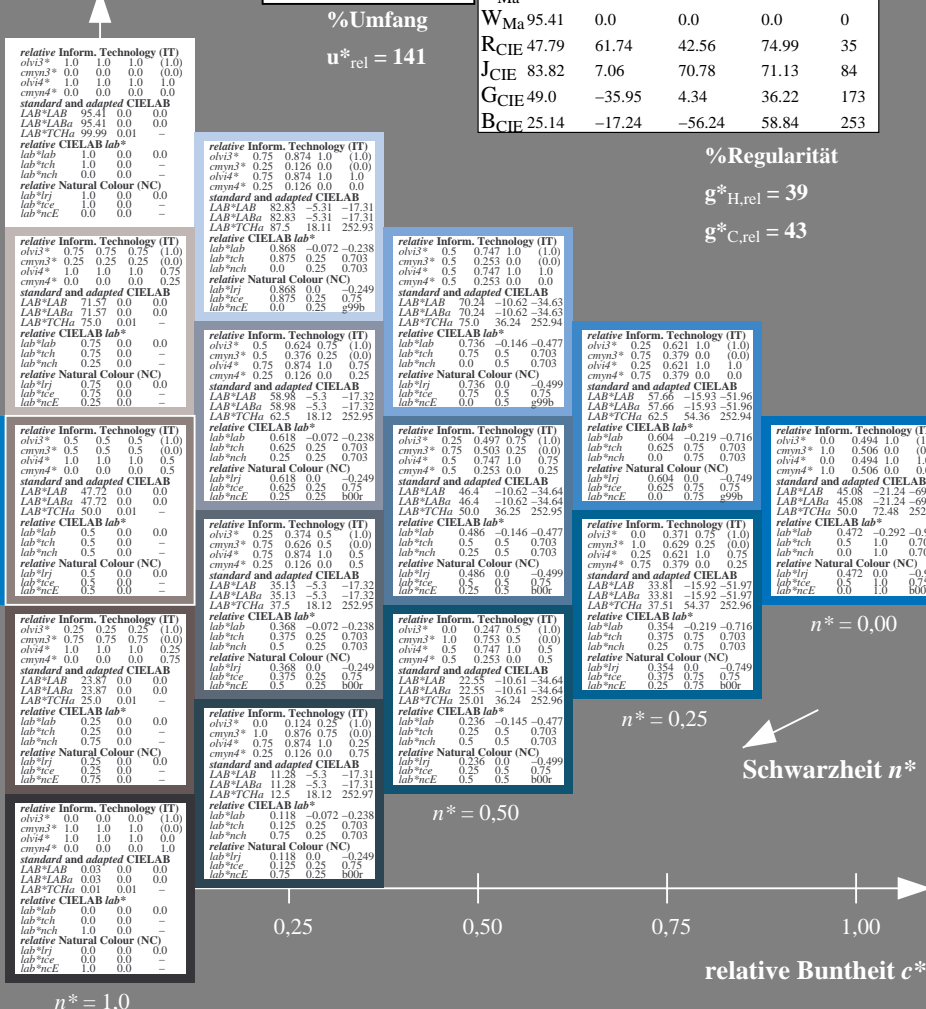
A: Buntton B  
 LCH\*Ma: 45 72 253  
 olv\*Ma: 0.0 0.49 1.0  
 Dreiecks-Helligkeit



TLS00; adaptierte CIELAB-Daten

	$L^* = L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	65.56	73.34	51.39	89.55	35
Y <sub>Ma</sub>	94.78	-3.49	52.24	52.36	94
L <sub>Ma</sub>	74.48	-92.97	36.0	99.71	159
C <sub>Ma</sub>	78.36	-82.69	-22.74	85.77	195
V <sub>Ma</sub>	12.55	38.81	-114.81	121.2	289
M <sub>Ma</sub>	66.71	76.08	-29.8	81.71	339
N <sub>Ma</sub>	0.01	0.0	0.0	0.0	0
W <sub>Ma</sub>	95.41	0.0	0.0	0.0	0
R <sub>CIE</sub>	47.79	61.74	42.56	74.99	35
J <sub>CIE</sub>	83.82	7.06	70.78	71.13	84
G <sub>CIE</sub>	49.0	-35.95	4.34	36.22	173
B <sub>CIE</sub>	25.14	-17.24	-56.24	58.84	253

%Regularität  
 $g^*_{H,rel} = 39$   
 $g^*_{C,rel} = 43$



SG40-7, 5 stufige Reihen für konstanten CIELAB Buntton 252/360 = 0.7 (links)

5 stufige Reihen für konstanten CIELAB Buntton 253/360 = 0.703 (rechts)

BAM-Prüfvorlage SG40; Farbmetrik-Systeme ORS18 & TLS00 input:  $cmY^* setcmykcolor$

A: 5stufige Farbreihen und Koordinatendaten für 10 Bunttöne output: no change compared to input