

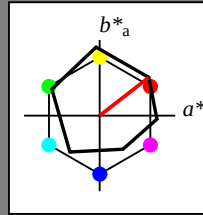
Eingabe: Farbmimetrisches Offset-Reflektiv-System ORS18

für Buntton $h^* = lab^*h = 38/360 = 0.105$

lab^*tch und lab^*nch

D50: 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 _{Ma}	47.94	65.05	50.54	82.38	38
Y _{Ma}	91.0	-4.72	90.58	90.7	93
L _{Ma}	50.9	-63.18	34.98	72.22	151
C _{Ma}	56.99	-39.34	-48.1	62.16	231
V _{Ma}	25.72	30.89	-44.4	54.09	305
M _{Ma}	49.99	75.76	-4.64	75.9	356
N _{Ma}	18.09	0.0	0.0	0.0	0
W _{Ma}	95.46	0.0	0.0	0.0	0
R _{CIE}	41.88	61.66	30.69	68.88	26
J _{CIE}	81.97	2.02	67.79	67.82	88
G _{CIE}	51.62	-41.32	9.74	42.46	167
B _{CIE}	29.2	-5.79	-49.61	49.96	263

%Regularität

$g^*_{H,rel} = 65$

$g^*_{C,rel} = 60$

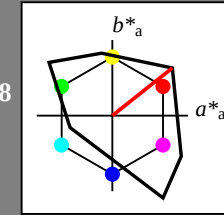
Ausgabe: Farbmimetrisches Fernseh-Licht-System TLS00

für Buntton $h^* = lab^*h = 38/360 = 0.107$

lab^*tch und lab^*nch

D50: Buntton O
LCH*Ma: 54 101 38
olv*Ma: 1.0 0.0 0.0

Dreiecks-Helligkeit

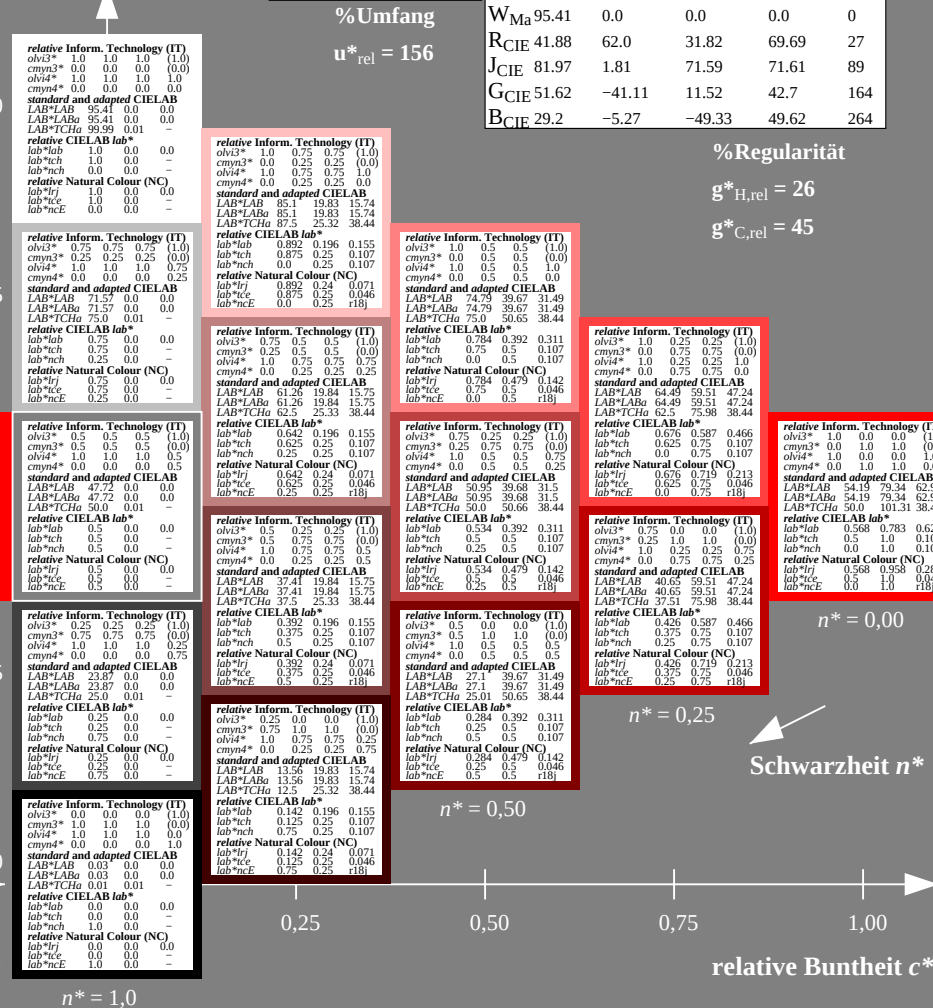
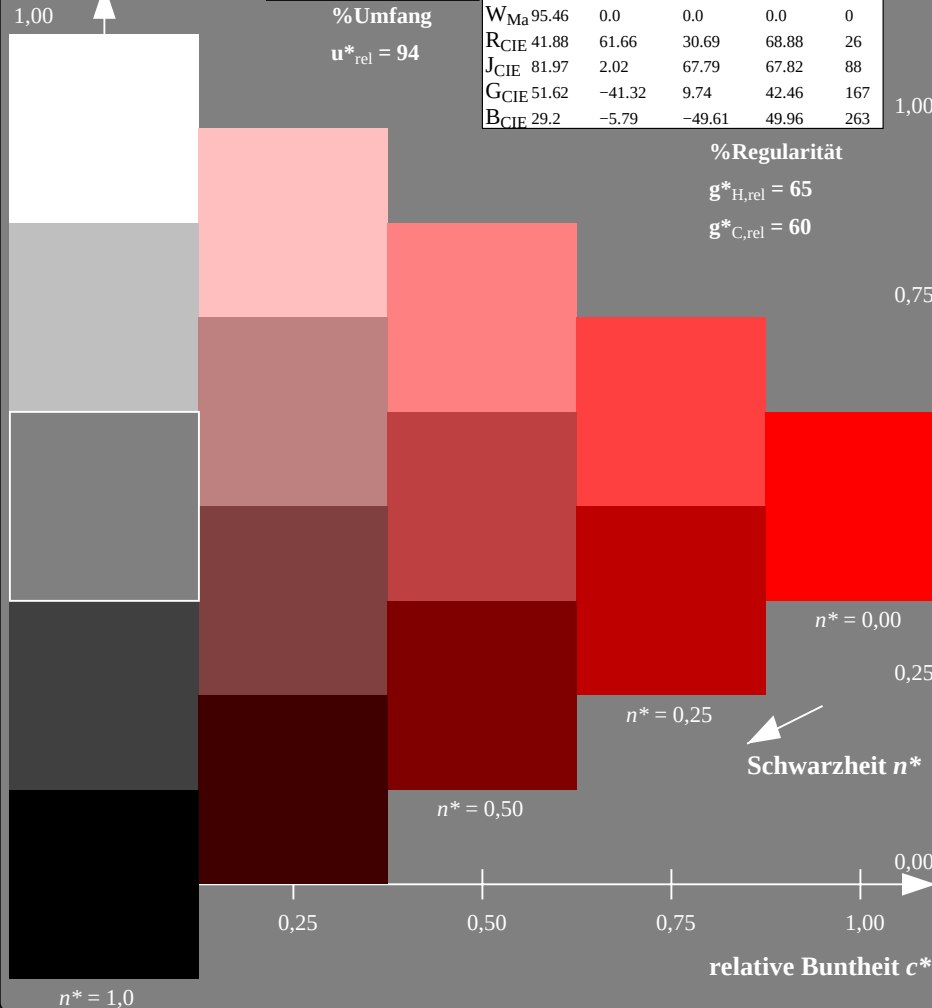


TLS00; adaptierte CIELAB-Daten					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	54.19	79.36	63.0	101.33	38
Y _{Ma}	93.44	-14.18	82.59	83.8	100
L _{Ma}	82.82	-83.73	70.41	109.41	140
C _{Ma}	85.22	-55.9	-15.78	58.1	196
V _{Ma}	25.61	67.05	-108.87	127.87	302
M _{Ma}	58.76	91.18	-53.69	105.82	330
N _{Ma}	0.01	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
R _{CIE}	41.88	62.0	31.82	69.69	27
J _{CIE}	81.97	1.81	71.59	71.61	89
G _{CIE}	51.62	-41.11	11.52	42.7	164
B _{CIE}	29.2	-5.27	-49.33	49.62	264

%Regularität

$g^*_{H,rel} = 26$

$g^*_{C,rel} = 45$



PG400-7, 5 stufige Reihen für konstanten CIELAB Buntton 38/360 = 0.105 (links)

5 stufige Reihen für konstanten CIELAB Buntton 38/360 = 0.107 (rechts)

BAM-Prüfvorlage PG40; Farbmimetrik-Systeme ORS18 & TLS00 input: olv* setrgbcolor

D50: 5stufige Farbreihen und Koordinatendaten für 10 Bunttöne output: no change compared to input

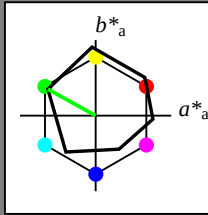
Eingabe: Farbmimetrisches Offset-Reflektiv-System ORS18

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

lab^*tch und lab^*nch

D50: Buntton L
LCH*Ma: 51 72 151
olv*Ma: 0.0 1.0 0.0

Dreiecks-Helligkeit



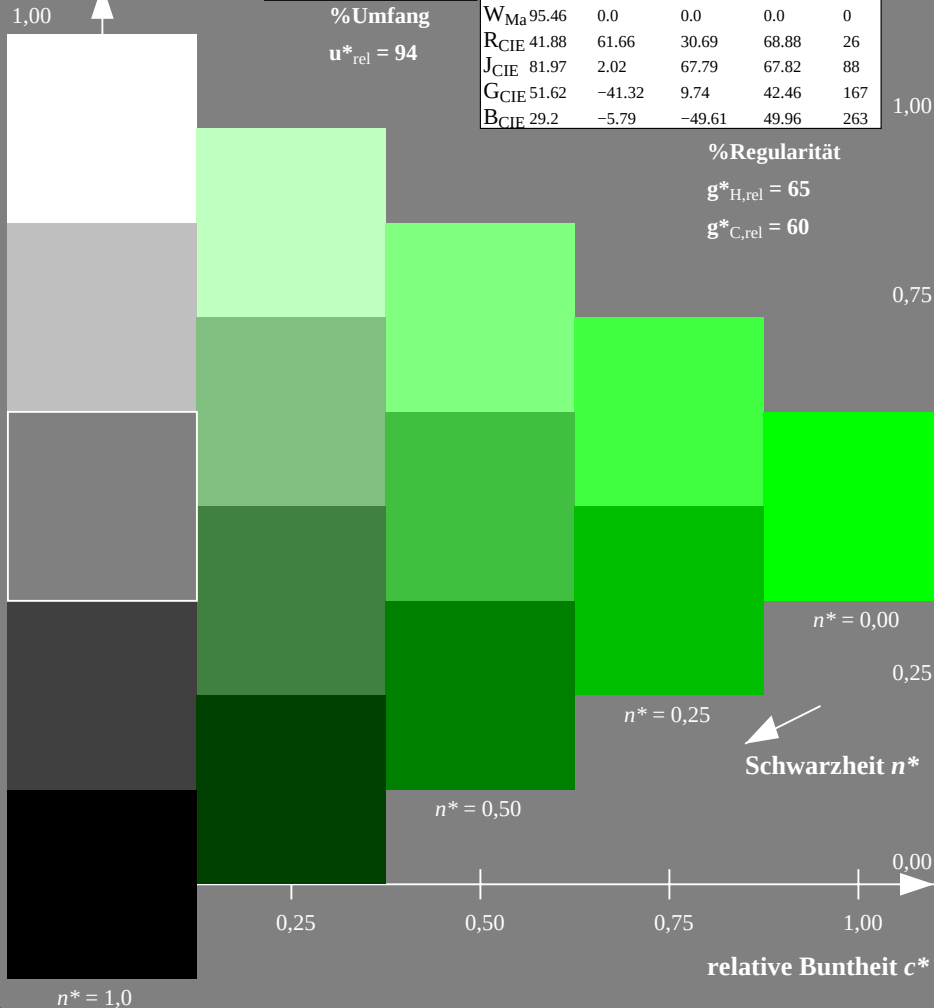
ORS18; adaptierte CIELAB-Daten

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	65.05	50.54	82.38	38
Y _{Ma}	91.0	-4.72	90.58	90.7	93
L _{Ma}	50.9	-63.18	34.98	72.22	151
C _{Ma}	56.99	-39.34	-48.1	62.16	231
V _{Ma}	25.72	30.89	-44.4	54.09	305
M _{Ma}	49.99	75.76	-4.64	75.9	356
N _{Ma}	18.09	0.0	0.0	0.0	0
W _{Ma}	95.46	0.0	0.0	0.0	0
R _{CIE}	41.88	61.66	30.69	68.88	26
J _{CIE}	81.97	2.02	67.79	67.82	88
G _{CIE}	51.62	-41.32	9.74	42.46	167
B _{CIE}	29.2	-5.79	-49.61	49.96	263

%Regularität

$g^*_{H,rel} = 65$

$g^*_{C,rel} = 60$



PG400-7, 5 stufige Reihen für konstanten CIELAB Buntton 151/360 = 0.42 (links)

BAM-Prüfvorlage PG40; Farbmimetrik-Systeme ORS18 & TLS00 input: olv* setrgbcolor

D50: 5stufige Farbreihen und Koordinatendaten für 10 Bunttöne output: no change compared to input

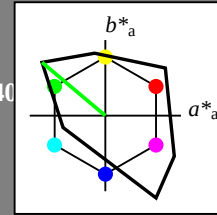
Ausgabe: Farbmimetrisches Fernseh-Licht-System TLS00

für Buntton $h^* = lab^*h = 140/360 = 0.389$

lab^*tch und lab^*nch

D50: Buntton L
LCH*Ma: 83 109 140
olv*Ma: 0.0 1.0 0.0

Dreiecks-Helligkeit



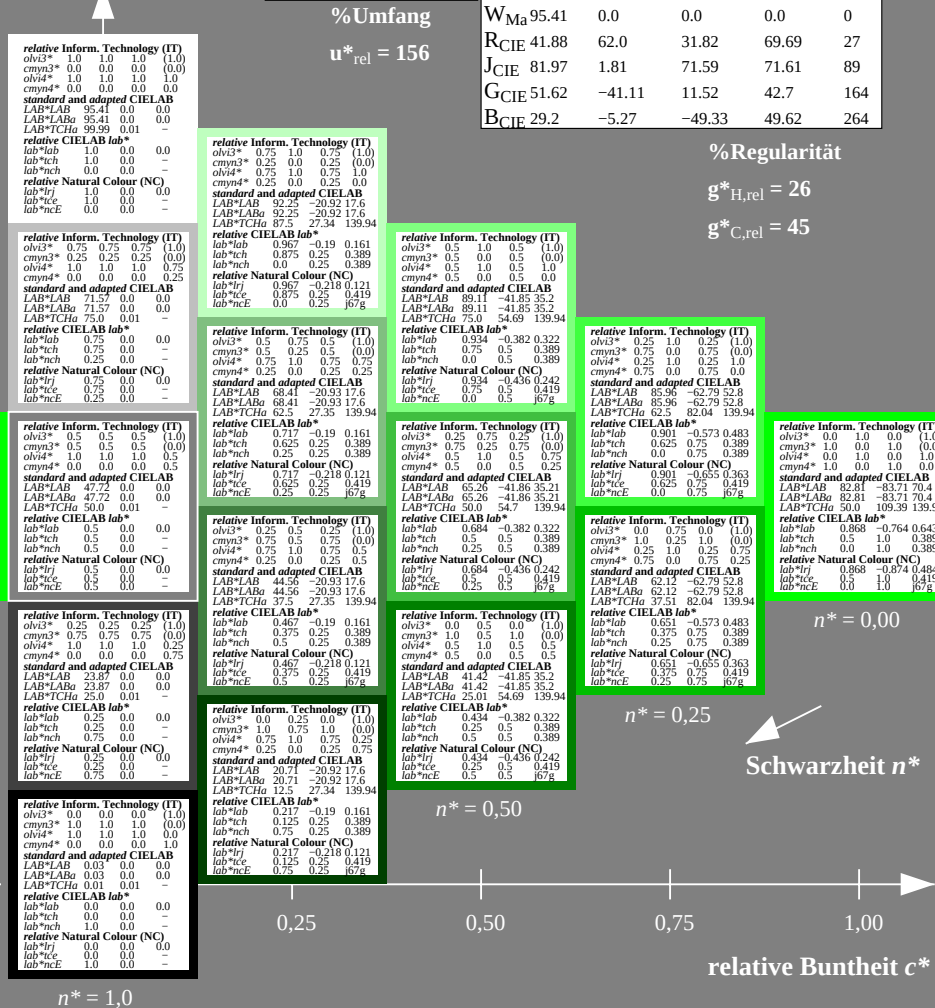
TLS00; adaptierte CIELAB-Daten

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	54.19	79.36	63.0	101.33	38
Y _{Ma}	93.44	-14.18	82.59	83.8	100
L _{Ma}	82.82	-83.73	70.41	109.41	140
C _{Ma}	85.22	-55.9	-15.78	58.1	196
V _{Ma}	25.61	67.05	-108.87	127.87	302
M _{Ma}	58.76	91.18	-53.69	105.82	330
N _{Ma}	0.01	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
R _{CIE}	41.88	62.0	31.82	69.69	27
J _{CIE}	81.97	1.81	71.59	71.61	89
G _{CIE}	51.62	-41.11	11.52	42.7	164
B _{CIE}	29.2	-5.27	-49.33	49.62	264

%Regularität

$g^*_{H,rel} = 26$

$g^*_{C,rel} = 45$



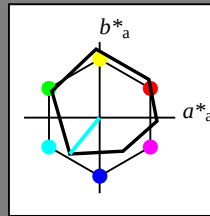
5 stufige Reihen für konstanten CIELAB Buntton 140/360 = 0.389 (rechts)

Eingabe: Farbmimetrisches Offset-Reflektiv-System ORS18

für Buntton $h^* = lab^*h = 231/360 = 0.641$
 lab^*tch und lab^*nch

D50: Buntton C
LCH*Ma: 57 62 231
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 _{Ma}	47.94	65.05	50.54	82.38	38
Y _{Ma}	91.0	-4.72	90.58	90.7	93
L _{Ma}	50.9	-63.18	34.98	72.22	151
C _{Ma}	56.99	-39.34	-48.1	62.16	231
V _{Ma}	25.72	30.89	-44.4	54.09	305
M _{Ma}	49.99	75.76	-4.64	75.9	356
N _{Ma}	18.09	0.0	0.0	0.0	0
W _{Ma}	95.46	0.0	0.0	0.0	0
R _{CIE}	41.88	61.66	30.69	68.88	26
J _{CIE}	81.97	2.02	67.79	67.82	88
G _{CIE}	51.62	-41.32	9.74	42.46	167
B _{CIE}	29.2	-5.79	-49.61	49.96	263

%Regularität

$g^*_{H,rel} = 65$

$g^*_{C,rel} = 60$

1,00

0,75

$n^* = 0,00$

0,25

$n^* = 0,25$

$n^* = 0,50$

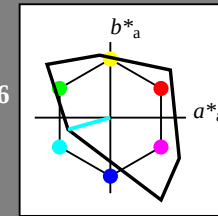
relative Buntheit c^*

Ausgabe: Farbmimetrisches Fernseh-Licht-System TLS00

für Buntton $h^* = lab^*h = 196/360 = 0.544$
 lab^*tch und lab^*nch

D50: Buntton C
LCH*Ma: 85 58 196
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 _{Ma}	54.19	79.36	63.0	101.33	38
Y _{Ma}	93.44	-14.18	82.59	83.8	100
L _{Ma}	82.82	-83.73	70.41	109.41	140
C _{Ma}	85.22	-55.9	-15.78	58.1	196
V _{Ma}	25.61	67.05	-108.87	127.87	302
M _{Ma}	58.76	91.18	-53.69	105.82	330
N _{Ma}	0.01	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
R _{CIE}	41.88	62.0	31.82	69.69	27
J _{CIE}	81.97	1.81	71.59	71.61	89
G _{CIE}	51.62	-41.11	11.52	42.7	164
B _{CIE}	29.2	-5.27	-49.33	49.62	264

%Regularität

$g^*_{H,rel} = 26$

$g^*_{C,rel} = 45$

$n^* = 0,00$

$n^* = 0,25$

relative Buntheit c^*

PG400-7, 5 stufige Reihen für konstanten CIELAB Buntton 231/360 = 0.641 (links)

5 stufige Reihen für konstanten CIELAB Buntton 196/360 = 0.544 (rechts)

BAM-Prüfvorlage PG40; Farbmimetrik-Systeme ORS18 & TLS00 input: olv* setrgbcolor

D50: 5stufige Farbreihen und Koordinatendaten für 10 Bunttöne output: no change compared to input

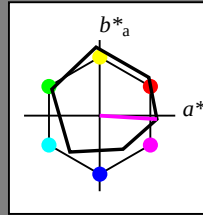
Eingabe: Farbmimetrisches Offset-Reflektiv-System ORS18

für Buntton $h^* = lab^*h = 356/360 = 0.99$

lab^*tch und lab^*nch

D50: Buntton M
LCH*Ma: 50 76 356
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 _{Ma}	47.94	65.05	50.54	82.38	38
Y _{Ma}	91.0	-4.72	90.58	90.7	93
L _{Ma}	50.9	-63.18	34.98	72.22	151
C _{Ma}	56.99	-39.34	-48.1	62.16	231
V _{Ma}	25.72	30.89	-44.4	54.09	305
M _{Ma}	49.99	75.76	-4.64	75.9	356
N _{Ma}	18.09	0.0	0.0	0.0	0
W _{Ma}	95.46	0.0	0.0	0.0	0
R _{CIE}	41.88	61.66	30.69	68.88	26
J _{CIE}	81.97	2.02	67.79	67.82	88
G _{CIE}	51.62	-41.32	9.74	42.46	167
B _{CIE}	29.2	-5.79	-49.61	49.96	263

%Regularität

$g^*_{H,rel} = 65$

$g^*_{C,rel} = 60$

1,00

0,75

$n^* = 0,00$

0,25

$n^* = 0,25$

$n^* = 0,50$

$n^* = 1,0$

relative Buntheit c^*

PG400-7, 5 stufige Reihen für konstanten CIELAB Buntton 356/360 = 0.99 (links)

BAM-Prüfvorlage PG40; Farbmimetrik-Systeme ORS18 & TLS00 input: olv* setrgbcolor

D50: 5stufige Farbreihen und Koordinatendaten für 10 Bunttöne output: no change compared to input

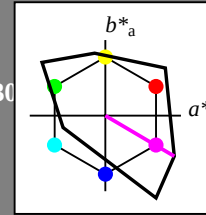
Ausgabe: Farbmimetrisches Fernseh-Licht-System TLS00

für Buntton $h^* = lab^*h = 330/360 = 0.915$

lab^*tch und lab^*nch

D50: Buntton M
LCH*Ma: 59 106 330
olv*Ma: 1.0 0.0 1.0

Dreiecks-Helligkeit



%Umfang

$u^*_{rel} = 156$

TLS00; adaptierte CIELAB-Daten					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	54.19	79.36	63.0	101.33	38
Y _{Ma}	93.44	-14.18	82.59	83.8	100
L _{Ma}	82.82	-83.73	70.41	109.41	140
C _{Ma}	85.22	-55.9	-15.78	58.1	196
V _{Ma}	25.61	67.05	-108.87	127.87	302
M _{Ma}	58.76	91.18	-53.69	105.82	330
N _{Ma}	0.01	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
R _{CIE}	41.88	62.0	31.82	69.69	27
J _{CIE}	81.97	1.81	71.59	71.61	89
G _{CIE}	51.62	-41.11	11.52	42.7	164
B _{CIE}	29.2	-5.27	-49.33	49.62	264

%Regularität

$g^*_{H,rel} = 26$

$g^*_{C,rel} = 45$

1,00

0,75

$n^* = 0,00$

0,25

$n^* = 0,25$

$n^* = 0,50$

$n^* = 1,0$

relative Buntheit c^*

5 stufige Reihen für konstanten CIELAB Buntton 330/360 = 0.915 (rechts)

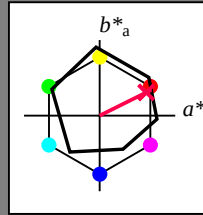
Eingabe: Farbmimetrisches Offset-Reflektiv-System ORS18

für Buntton $h^* = lab^*h = 26/360 = 0.074$

lab^*tch und lab^*nch

D50: Buntton R
LCH*Ma: 49 76 26
olv*Ma: 1.0 0.0 0.3

Dreiecks-Helligkeit



ORS18; adaptierte CIELAB-Daten					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	65.05	50.54	82.38	38
Y _{Ma}	91.0	-4.72	90.58	90.7	93
L _{Ma}	50.9	-63.18	34.98	72.22	151
C _{Ma}	56.99	-39.34	-48.1	62.16	231
V _{Ma}	25.72	30.89	-44.4	54.09	305
M _{Ma}	49.99	75.76	-4.64	75.9	356
N _{Ma}	18.09	0.0	0.0	0.0	0
W _{Ma}	95.46	0.0	0.0	0.0	0
R _{CIE}	41.88	61.66	30.69	68.88	26
J _{CIE}	81.97	2.02	67.79	67.82	88
G _{CIE}	51.62	-41.32	9.74	42.46	167
B _{CIE}	29.2	-5.79	-49.61	49.96	263

%Regularität

$g^*_{H,rel} = 65$

$g^*_{C,rel} = 60$

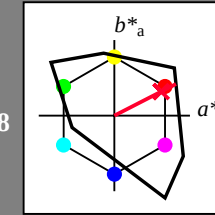
Ausgabe: Farbmimetrisches Fernseh-Licht-System TLS00

für Buntton $h^* = lab^*h = 27/360 = 0.075$

lab^*tch und lab^*nch

D50: Buntton R
LCH*Ma: 55 92 27
olv*Ma: 1.0 0.0 0.18

Dreiecks-Helligkeit

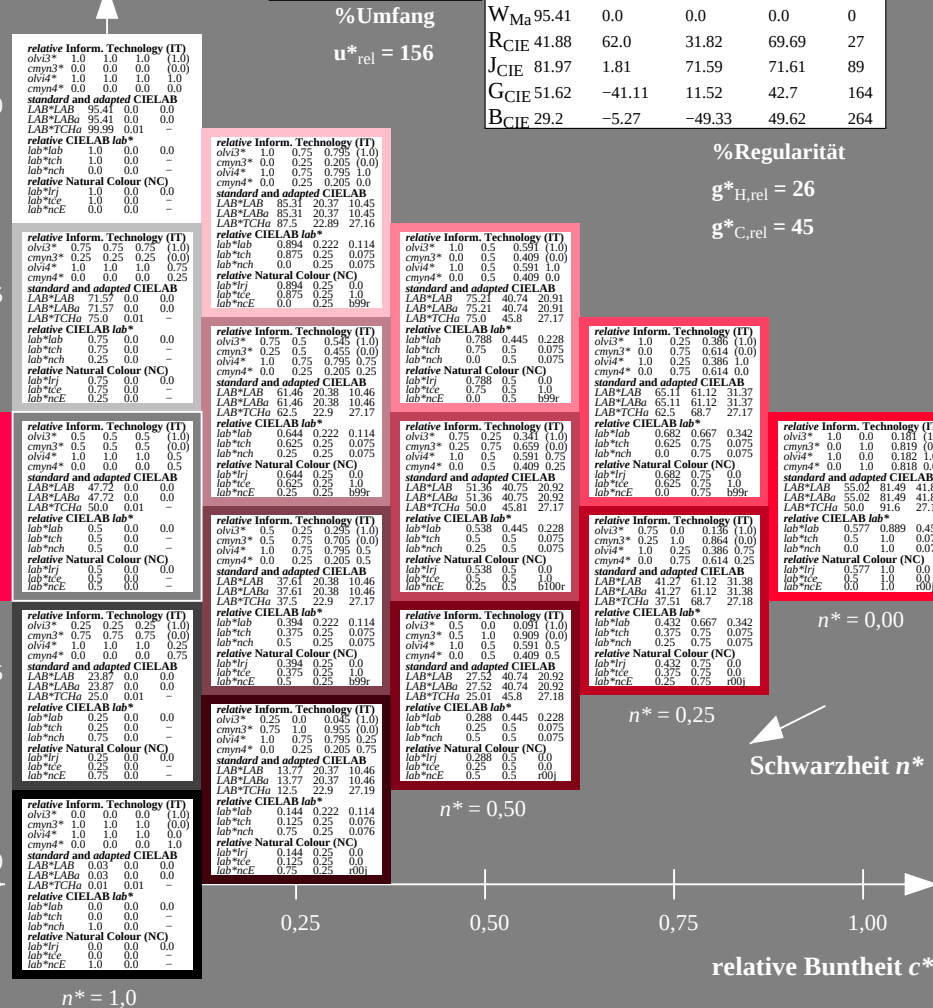
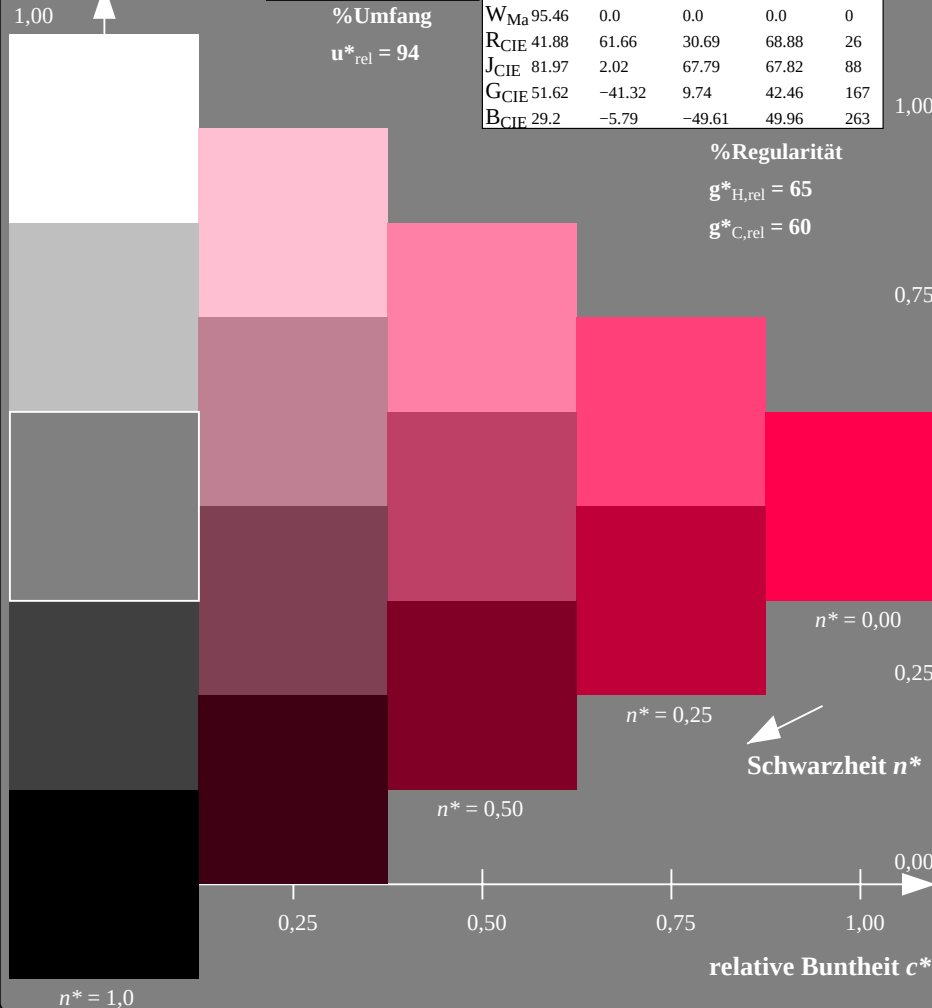


TLS00; adaptierte CIELAB-Daten					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	54.19	79.36	63.0	101.33	38
Y _{Ma}	93.44	-14.18	82.59	83.8	100
L _{Ma}	82.82	-83.73	70.41	109.41	140
C _{Ma}	85.22	-55.9	-15.78	58.1	196
V _{Ma}	25.61	67.05	-108.87	127.87	302
M _{Ma}	58.76	91.18	-53.69	105.82	330
N _{Ma}	0.01	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
R _{CIE}	41.88	62.0	31.82	69.69	27
J _{CIE}	81.97	1.81	71.59	71.61	89
G _{CIE}	51.62	-41.11	11.52	42.7	164
B _{CIE}	29.2	-5.27	-49.33	49.62	264

%Regularität

$g^*_{H,rel} = 26$

$g^*_{C,rel} = 45$



PG400-7, 5 stufige Reihen für konstanten CIELAB Buntton 26/360 = 0.074 (links)

5 stufige Reihen für konstanten CIELAB Buntton 27/360 = 0.075 (rechts)

BAM-Prüfvorlage PG40; Farbmimetrische-Systeme ORS18 & TLS00 input: olv* setrgbcolor

D50: 5stufige Farbreihen und Koordinatendaten für 10 Bunttöne output: no change compared to input

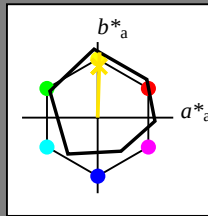
Eingabe: Farbmimetrisches Offset-Reflektiv-System ORS18

für Buntton $h^* = lab^*h = 88/360 = 0.245$

lab^*tch und lab^*nch

D50: Buntton J
LCH*Ma: 86 86 88
olv*Ma: 1.0 0.9 0.0

Dreiecks-Helligkeit



ORS18; adaptierte CIELAB-Daten					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	65.05	50.54	82.38	38
Y _{Ma}	91.0	-4.72	90.58	90.7	93
L _{Ma}	50.9	-63.18	34.98	72.22	151
C _{Ma}	56.99	-39.34	-48.1	62.16	231
V _{Ma}	25.72	30.89	-44.4	54.09	305
M _{Ma}	49.99	75.76	-4.64	75.9	356
N _{Ma}	18.09	0.0	0.0	0.0	0
W _{Ma}	95.46	0.0	0.0	0.0	0
R _{CIE}	41.88	61.66	30.69	68.88	26
J _{CIE}	81.97	2.02	67.79	67.82	88
G _{CIE}	51.62	-41.32	9.74	42.46	167
B _{CIE}	29.2	-5.79	-49.61	49.96	263

%Regularität

$g^*_{H,rel} = 65$

$g^*_{C,rel} = 60$

1,00

0,75

$n^* = 0,00$

0,25

$n^* = 0,25$

$n^* = 0,50$

relative Buntheit c^*

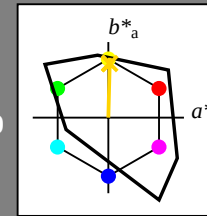
Ausgabe: Farbmimetrisches Fernseh-Licht-System TLS00

für Buntton $h^* = lab^*h = 89/360 = 0.246$

lab^*tch und lab^*nch

D50: Buntton J
LCH*Ma: 87 79 89
olv*Ma: 1.0 0.83 0.0

Dreiecks-Helligkeit



TLS00; adaptierte CIELAB-Daten					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	54.19	79.36	63.0	101.33	38
Y _{Ma}	93.44	-14.18	82.59	83.8	100
L _{Ma}	82.82	-83.73	70.41	109.41	140
C _{Ma}	85.22	-55.9	-15.78	58.1	196
V _{Ma}	25.61	67.05	-108.87	127.87	302
M _{Ma}	58.76	91.18	-53.69	105.82	330
N _{Ma}	0.01	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
R _{CIE}	41.88	62.0	31.82	69.69	27
J _{CIE}	81.97	1.81	71.59	71.61	89
G _{CIE}	51.62	-41.11	11.52	42.7	164
B _{CIE}	29.2	-5.27	-49.33	49.62	264

%Regularität

$g^*_{H,rel} = 26$

$g^*_{C,rel} = 45$

BAM-Registrierung: 20060101-PG40/10Q/Q40G07NP.PS/.PDF BAM-Material: Code=rhatha
Anwendung für Beurteilung und Messung von Drucker- oder Monitorssystemen
/PG40 Form: 8/10, Serie: 1/1, Seite: 8
Scheinung 8

relative Inform. Technology (IT)					
olvi3*	1.0	1.0	1.0	(1.0)	
olvi3*	0.0	0.0	0.0	(0.0)	
olvi4*	1.0	1.0	1.0	(1.0)	
olvi4*	0.0	0.0	0.0	(0.0)	
olvi4*	0.0	0.0	0.0	(0.0)	
olvi4*	0.0	0.0	0.0	(0.0)	
olvi4*	0.0	0.0	0.0	(0.0)	
olvi4*	0.0	0.0	0.0	(0.0)	
olvi4*	0.0	0.0	0.0	(0.0)	
olvi4*	0.0	0.0	0.0	(0.0)	

relative Natural Colour (NC)					
olvi3*	1.0	1.0	1.0	(1.0)	
olvi3*	0.0	0.0	0.0	(0.0)	
olvi4*	1.0	1.0	1.0	(1.0)	
olvi4*	0.0	0.0	0.0	(0.0)	
olvi4*	0.0	0.0	0.0	(0.0)	
olvi4*	0.0	0.0	0.0	(0.0)	
olvi4*	0.0	0.0	0.0	(0.0)	
olvi4*	0.0	0.0	0.0	(0.0)	
olvi4*	0.0	0.0	0.0	(0.0)	
olvi4*	0.0	0.0	0.0	(0.0)	

standard and adapted CIELAB					
LAB*LAB	95.41	0.0	0.0		
LAB*LAB	95.41	0.0	0.0		
LAB*LAB	95.41	0.0	0.0		
LAB*LAB	95.41	0.0	0.0		
LAB*LAB	95.41	0.0	0.0		
LAB*LAB	95.41	0.0	0.0		
LAB*LAB	95.41	0.0	0.0		
LAB*LAB	95.41	0.0	0.0		
LAB*LAB	95.41	0.0	0.0		
LAB*LAB	95.41	0.0	0.0		

relative CIELAB lab*					
lab*lab	1.0	0.0	0.0		
lab*lab	1.0	0.0	0.0		
lab*lab	1.0	0.0	0.0		
lab*lab	1.0	0.0	0.0		
lab*lab	1.0	0.0	0.0		
lab*lab	1.0	0.0	0.0		
lab*lab	1.0	0.0	0.0		
lab*lab	1.0	0.0	0.0		
lab*lab	1.0	0.0	0.0		
lab*lab	1.0	0.0	0.0		

relative Natural Colour (NC)					
olvi3*	1.0	0.93	0.5	(1.0)	
olvi3*	0.0	0.087	0.5	(0.0)	
olvi4*	1.0	0.914	0.5	(1.0)	
olvi4*	0.0	0.086	0.5	(0.0)	
olvi4*	0.0	0.086	0.5	(0.0)	
olvi4*	0.0	0.086	0.5	(0.0)	
olvi4*	0.0	0.086	0.5	(0.0)	
olvi4*	0.0	0.086	0.5	(0.0)	
olvi4*	0.0	0.086	0.5	(0.0)	
olvi4*	0.0	0.086	0.5	(0.0)	

standard and adapted CIELAB					
LAB*LAB	91.02	0.99	39.59		
LAB*LAB	91.02	0.99	39.59		
LAB*LAB	91.02	0.99	39.59		
LAB*LAB	91.02	0.99	39.59		
LAB*LAB	91.02	0.99	39.59		
LAB*LAB	91.02	0.99	39.59		
LAB*LAB	91.02	0.99	39.59		
LAB*LAB	91.02	0.99	39.59		
LAB*LAB	91.02	0.99	39.59		
LAB*LAB	91.02	0.99	39.59		

relative CIELAB lab*					
lab*lab	0.954	0.013	0.5		
lab*lab	0.954	0.013	0.5		
lab*lab	0.954	0.013	0.5		
lab*lab	0.954	0.013	0.5		
lab*lab	0.954	0.013	0.5		
lab*lab	0.954	0.013	0.5		
lab*lab	0.954	0.013	0.5		
lab*lab	0.954	0.013	0.5		
lab*lab	0.954	0.013	0.5		
lab*lab	0.954	0.013	0.5		

relative Inform. Technology (IT)					
olvi3*	1.0	0.957	0.75	(1.0)	
olvi3*	0.0	0.043	0.25	(0.0)	
olvi4*	1.0	0.957	0.75	(1.0)	
olvi4*	0.0	0.043	0.25	(0.0)	
olvi4*	0.0	0.043	0.25	(0.0)	
olvi4*	0.0	0.043	0.25	(0.0)	
olvi4*	0.0	0.043	0.25	(0.0)	
olvi4*	0.0	0.043	0.25	(0.0)	
olvi4*	0.0	0.043	0.25	(0.0)	
olvi4*	0.0	0.043	0.25	(0.0)	

relative Natural Colour (NC)					
olvi3*	1.0	0.957	0.75	(1.0)	
olvi3*	0.0	0.043	0.25	(0.0)	
olvi4*	1.0	0.957	0.75	(1.0)	
olvi4*	0.0	0.043	0.25	(0.0)	
olvi4*	0.0	0.043	0.25	(0.0)	
olvi4*	0.0	0.043	0.25	(0.0)	
olvi4*	0.0	0.043	0.25	(0.0)	
olvi4*	0.0	0.043	0.25	(0.0)	
olvi4*	0.0	0.043	0.25	(0.0)	
olvi4*	0.0	0.043	0.25	(0.0)	

standard and adapted CIELAB					
LAB*LAB	93.21	0.49	19.79		
LAB*LAB	93.21	0.49	19.79		
LAB*LAB	93.21	0.49	19.79		
LAB*LAB	93.21	0.49	19.79		
LAB*LAB	93.21	0.49	19.79		
LAB*LAB	93.21	0.49	19.79		
LAB*LAB	93.21	0.49	19.79		
LAB*LAB	93.21	0.49	19.79		
LAB*LAB	93.21	0.49	19.79		
LAB*LAB	93.21	0.49	19.79		

relative CIELAB lab*					
lab*lab	0.977	0.0	0.25		
lab*lab	0.977	0.0	0.25		
lab*lab	0.977	0.0	0.25		
lab*lab	0.977	0.0	0.25		
lab*lab	0.977	0.0	0.25		
lab*lab	0.977	0.0	0.25		
lab*lab	0.977	0.0	0.25		
lab*lab	0.977	0.0	0.25		
lab*lab	0.977	0.0	0.25		
lab*lab	0.977	0.0	0.25		

relative Natural Colour (NC)					
olvi3*	1.0	0.954	0.013	(1.0)	
olvi3*	0.0	0.087	0.5	(0.0)	
olvi4*	1.0	0.914	0.5	(1.0)	
olvi4*	0.0	0.086	0.5	(0.0)	
olvi4*	0.0	0.086	0.5	(0.0)	
olvi4*	0.0	0.086	0.5	(0.0)	
olvi4*	0.0	0.086	0.5	(0.0)	
olvi4*	0.0	0.086	0.5	(0.0)	
olvi4*	0.0	0.086	0.5	(0.0)	
olvi4*	0.0	0.086	0.5	(0.0)	

standard and adapted CIELAB					
LAB*LAB	91.02	0.99	39.59		
LAB*LAB	91.02	0.99	39.59		
LAB*LAB	91.02	0.99	39.59		
LAB*LAB	91.02	0.99	39.59		
LAB*LAB	91.02	0.99	39.59		
LAB*LAB	91.02	0.99	39.59		
LAB*LAB	91.02	0.99	39.59		
LAB*LAB	91.02	0.99	39.59		
LAB*LAB	91.02	0.99	39.59		
LAB*LAB	91.02	0.99	39.59		

relative CIELAB lab*					
lab*lab	0.951	0.019	0.75		
lab*lab	0.951	0.019	0.75		
lab*lab	0.951	0.019	0.75		
lab*lab	0.951	0.019	0.75		
lab*lab	0.951	0.019	0.75		
lab*lab	0.951	0.019	0.75		
lab*lab	0.951	0.019	0.75		
lab*lab	0.951	0.019	0.75		
lab*lab	0.951	0.019	0.75		
lab*lab	0.951	0.019	0.75		

relative Inform. Technology (IT)					
olvi3*	1.0	0.957	0.75	(1.0)	
olvi3*	0.0	0.043	0.25	(0.0)	
olvi4*	1.0	0.957	0.75	(1.0)	
olvi4*	0.0	0.043	0.25	(0.0)	
olvi4*	0.0	0.043	0.25	(0.0)	
olvi4*	0.0	0.043	0.25	(0.0)	
olvi4*	0.0	0.043	0.25	(0.0)	
olvi4*	0.0	0.043	0.25	(0.0)	
olvi4*	0.0	0.043	0.25	(0.0)	
olvi4*	0.0	0.043	0.25	(0.0)	

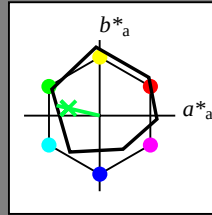
LAB*1ChA 75.0	
relative CIELAB	
lab*lab	0.954
lab*tch	0.75
lab*nch	0.0
relative Natural C	
lab*lrj	0.954
lab*tce	0.75
lab*nce	0.0

Eingabe: Farbmimetrisches Offset-Reflektiv-System ORS18

für Buntton $h^* = lab^*h = 167/360 = 0.463$
 lab^*tch und lab^*nch

D50: Buntton G
LCH*Ma: 52 59 167
olv*Ma: 0.0 1.0 0.26

Dreiecks-Helligkeit



ORS18; adaptierte CIELAB-Daten					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	65.05	50.54	82.38	38
Y _{Ma}	91.0	-4.72	90.58	90.7	93
L _{Ma}	50.9	-63.18	34.98	72.22	151
C _{Ma}	56.99	-39.34	-48.1	62.16	231
V _{Ma}	25.72	30.89	-44.4	54.09	305
M _{Ma}	49.99	75.76	-4.64	75.9	356
N _{Ma}	18.09	0.0	0.0	0.0	0
W _{Ma}	95.46	0.0	0.0	0.0	0
R _{CIE}	41.88	61.66	30.69	68.88	26
J _{CIE}	81.97	2.02	67.79	67.82	88
G _{CIE}	51.62	-41.32	9.74	42.46	167
B _{CIE}	29.2	-5.79	-49.61	49.96	263

%Regularität

$g^*_{H,rel} = 65$

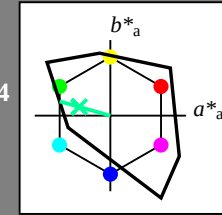
$g^*_{C,rel} = 60$

Ausgabe: Farbmimetrisches Fernseh-Licht-System TLS00

für Buntton $h^* = lab^*h = 164/360 = 0.457$
 lab^*tch und lab^*nch

D50: Buntton G
LCH*Ma: 84 70 164
olv*Ma: 0.0 1.0 0.6

Dreiecks-Helligkeit

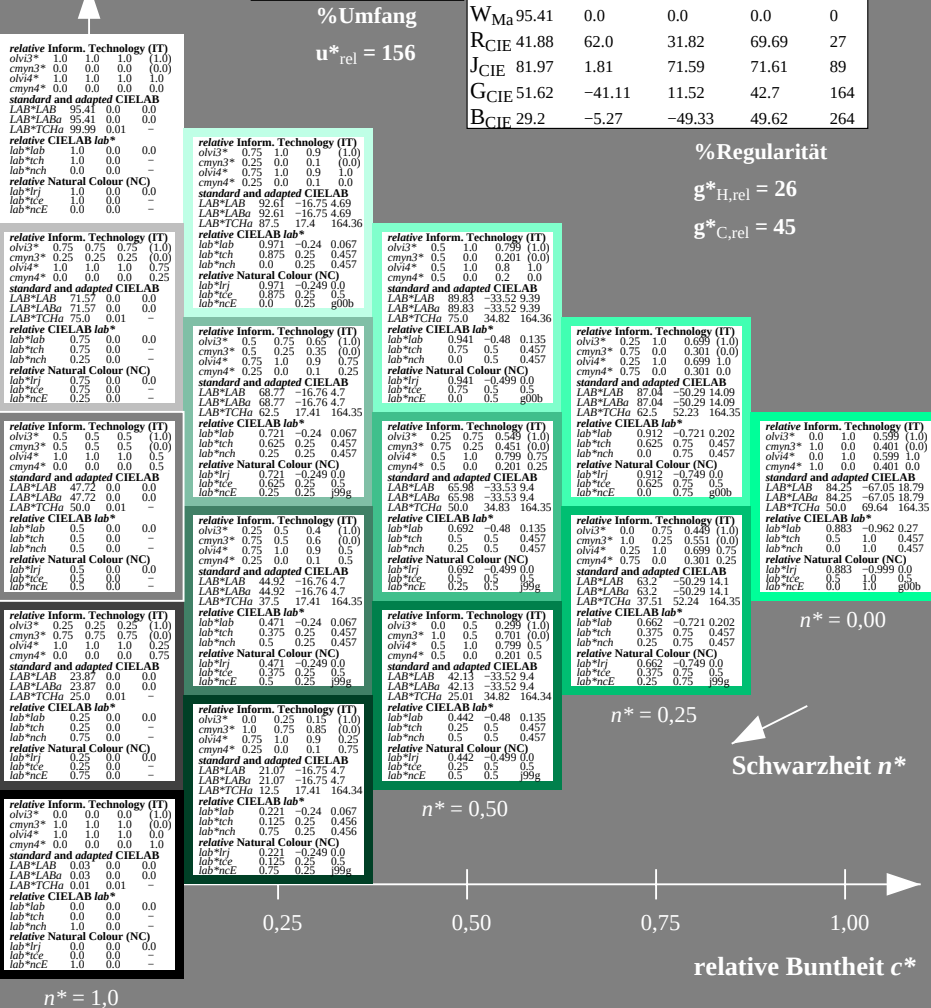
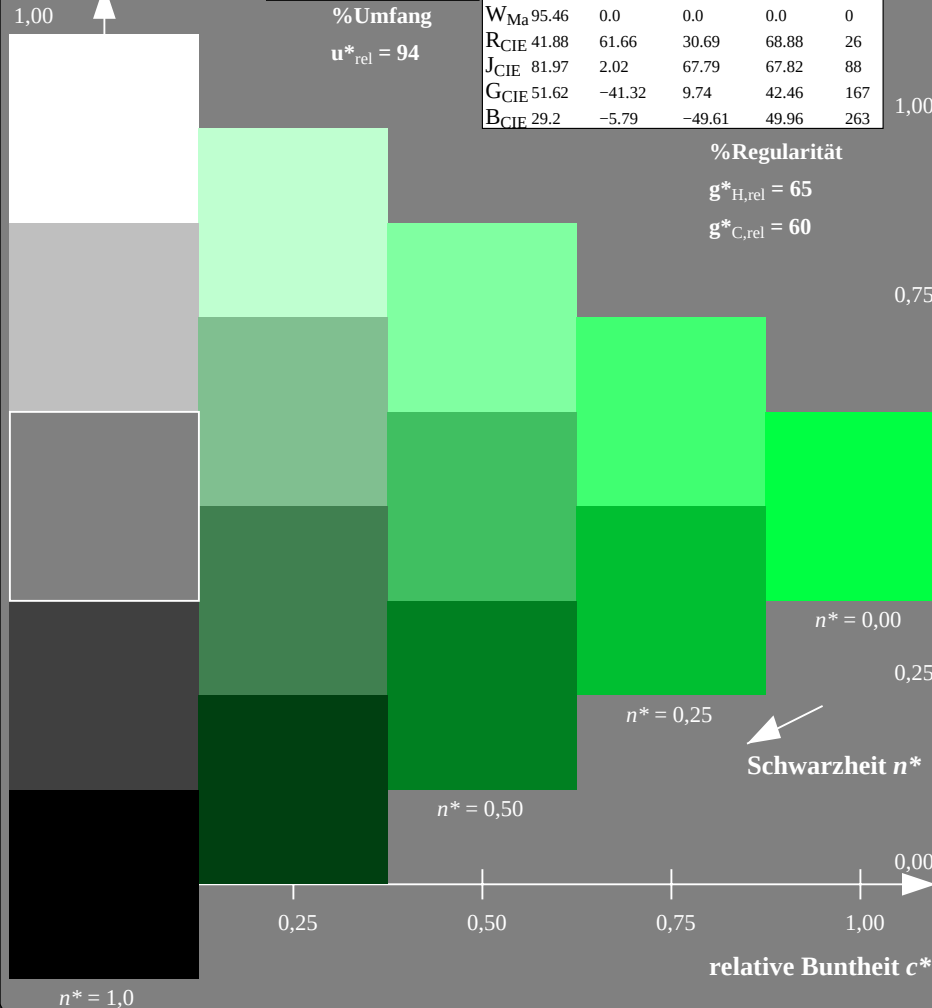


TLS00; adaptierte CIELAB-Daten					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	54.19	79.36	63.0	101.33	38
Y _{Ma}	93.44	-14.18	82.59	83.8	100
L _{Ma}	82.82	-83.73	70.41	109.41	140
C _{Ma}	85.22	-55.9	-15.78	58.1	196
V _{Ma}	25.61	67.05	-108.87	127.87	302
M _{Ma}	58.76	91.18	-53.69	105.82	330
N _{Ma}	0.01	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
R _{CIE}	41.88	62.0	31.82	69.69	27
J _{CIE}	81.97	1.81	71.59	71.61	89
G _{CIE}	51.62	-41.11	11.52	42.7	164
B _{CIE}	29.2	-5.27	-49.33	49.62	264

%Regularität

$g^*_{H,rel} = 26$

$g^*_{C,rel} = 45$



PG400-7, 5 stufige Reihen für konstanten CIELAB Buntton 167/360 = 0.463 (links)

5 stufige Reihen für konstanten CIELAB Buntton 164/360 = 0.457 (rechts)

BAM-Prüfvorlage PG40; Farbmimetrik-Systeme ORS18 & TLS00 input: olv* setrgbcolor

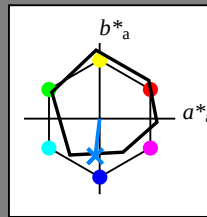
D50: 5stufige Farbreihen und Koordinatendaten für 10 Bunttöne output: no change compared to input

Eingabe: Farbmimetrisches Offset-Reflektiv-System ORS18

für Buntton $h^* = lab^*h = 263/360 = 0.731$
 lab^*tch und lab^*nch

D50: Buntton B
LCH*Ma: 42 47 263
olv*Ma: 0.0 0.52 1.0

Dreiecks-Helligkeit



ORS18; adaptierte CIELAB-Daten					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	65.05	50.54	82.38	38
Y _{Ma}	91.0	-4.72	90.58	90.7	93
L _{Ma}	50.9	-63.18	34.98	72.22	151
C _{Ma}	56.99	-39.34	-48.1	62.16	231
V _{Ma}	25.72	30.89	-44.4	54.09	305
M _{Ma}	49.99	75.76	-4.64	75.9	356
N _{Ma}	18.09	0.0	0.0	0.0	0
W _{Ma}	95.46	0.0	0.0	0.0	0
R _{CIE}	41.88	61.66	30.69	68.88	26
J _{CIE}	81.97	2.02	67.79	67.82	88
G _{CIE}	51.62	-41.32	9.74	42.46	167
B _{CIE}	29.2	-5.79	-49.61	49.96	263

%Regularität

$g^*_{H,rel} = 65$

$g^*_{C,rel} = 60$

1,00

0,75

$n^* = 0,00$

0,25

$n^* = 0,25$

$n^* = 0,50$

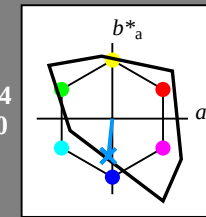
relative Buntheit c^*

Ausgabe: Farbmimetrisches Fernseh-Licht-System TLS00

für Buntton $h^* = lab^*h = 264/360 = 0.733$
 lab^*tch und lab^*nch

D50: Buntton B
LCH*Ma: 61 54 264
olv*Ma: 0.0 0.59 1.0

Dreiecks-Helligkeit



TLS00; adaptierte CIELAB-Daten					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	54.19	79.36	63.0	101.33	38
Y _{Ma}	93.44	-14.18	82.59	83.8	100
L _{Ma}	82.82	-83.73	70.41	109.41	140
C _{Ma}	85.22	-55.9	-15.78	58.1	196
V _{Ma}	25.61	67.05	-108.87	127.87	302
M _{Ma}	58.76	91.18	-53.69	105.82	330
N _{Ma}	0.01	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
R _{CIE}	41.88	62.0	31.82	69.69	27
J _{CIE}	81.97	1.81	71.59	71.61	89
G _{CIE}	51.62	-41.11	11.52	42.7	164
B _{CIE}	29.2	-5.27	-49.33	49.62	264

%Regularität

$g^*_{H,rel} = 26$

$g^*_{C,rel} = 45$

1,00

0,75

$n^* = 0,00$

0,25

$n^* = 0,25$

$n^* = 0,50$

relative Buntheit c^*

PG400-7, 5 stufige Reihen für konstanten CIELAB Buntton 263/360 = 0.731 (links)

5 stufige Reihen für konstanten CIELAB Buntton 264/360 = 0.733 (rechts)

BAM-Prüfvorlage PG40; Farbmimetrik-Systeme ORS18 & TLS00 input: $olv^*setrgbcolor$

D50: 5stufige Farbreihen und Koordinatendaten für 10 Bunttöne output: *no change compared to input*