

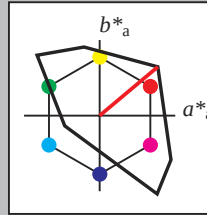
Eingabe: Farbmatisches Fernseh-Licht-System TLS00

für Buntton $h^* = lab^*h = 40/360 = 0.111$

lab^*tch und lab^*nch

D65: Buntton O
LCH*Ma: 51 100 40
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}	50.5	76.92	64.55	100.42	40
Y _{Ma}	92.66	-20.69	90.75	93.08	103
L _{Ma}	83.63	-82.75	79.9	115.04	136
C _{Ma}	86.88	-46.16	-13.55	48.12	196
V _{Ma}	30.39	76.06	-103.59	128.52	306
M _{Ma}	57.3	94.35	-58.41	110.97	328
N _{Ma}	0.01	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

%Regularität

$g^*_{H,rel} = 20$

$g^*_{C,rel} = 37$

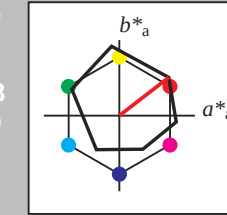
Ausgabe: Farbmatisches Offset-Reflektiv-System ORS18

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

lab^*tch und lab^*nch

D65: Buntton O
LCH*Ma: 48 83 38
olv*Ma: 1.0 0.0 0.0

Dreiecks-Helligkeit

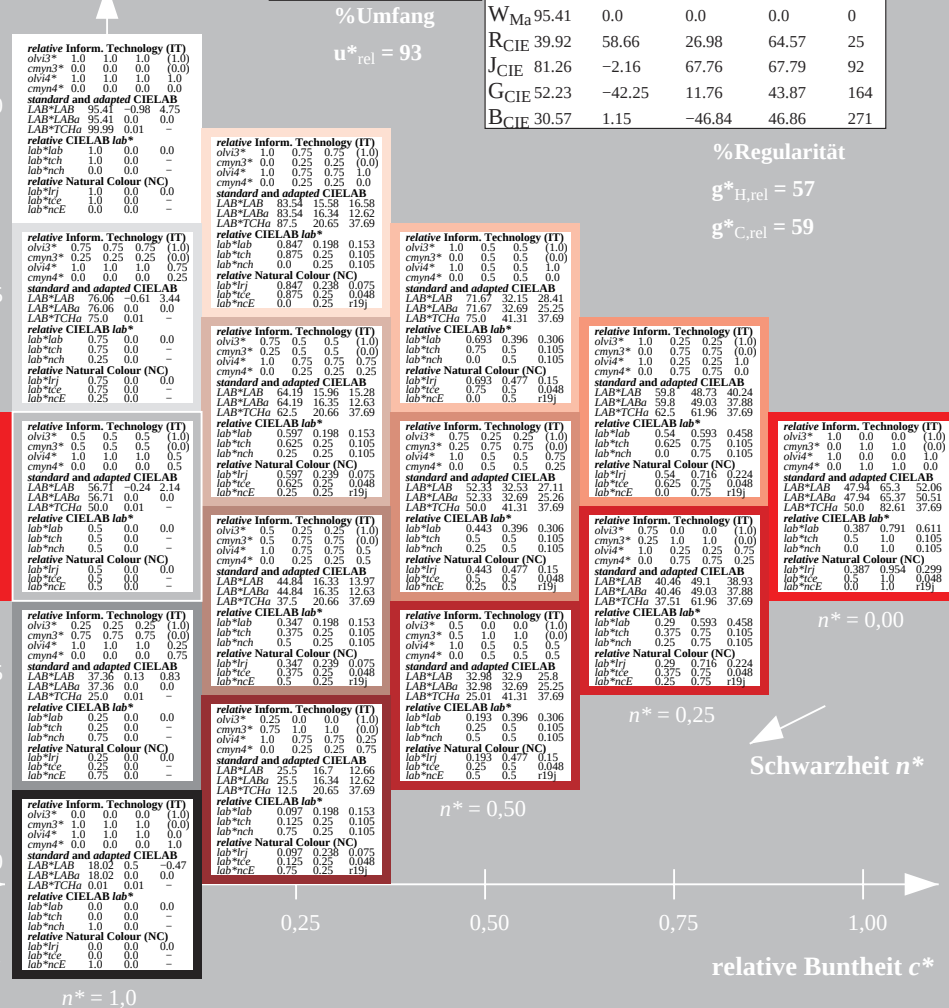
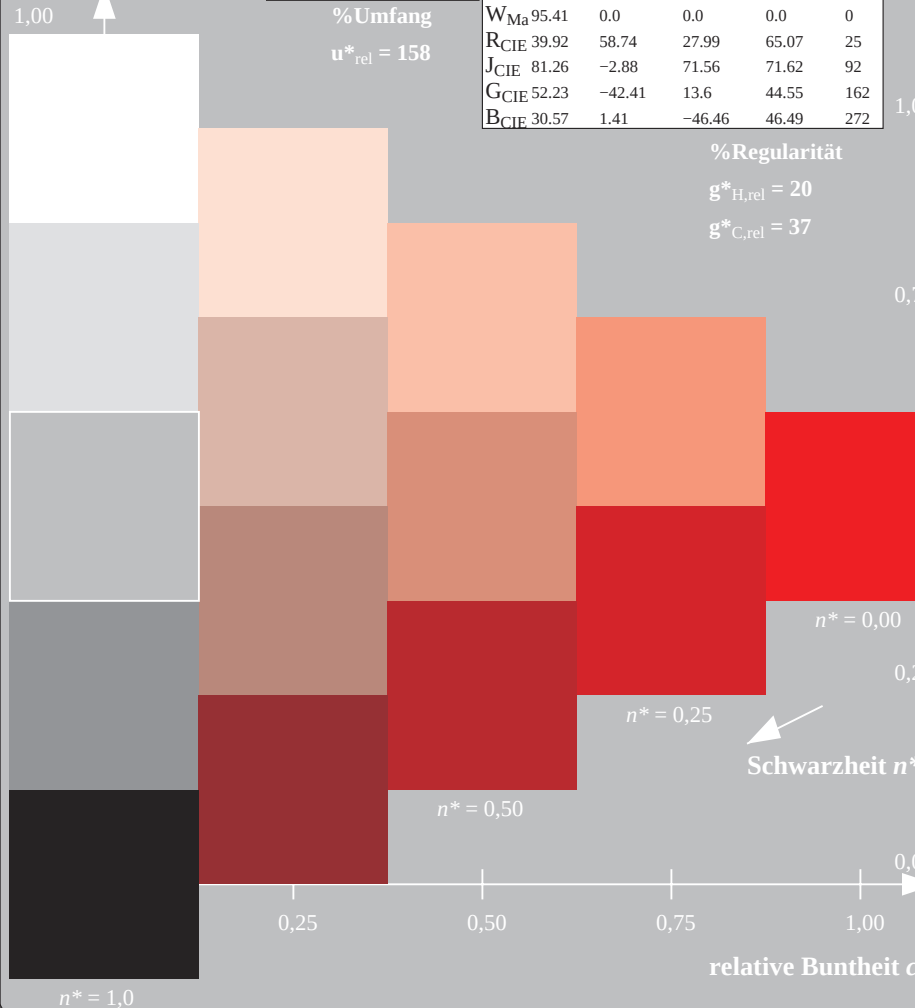


ORS18; adaptierte CIELAB-Daten					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	65.39	50.52	82.63	38
Y _{Ma}	90.37	-10.26	91.75	92.32	96
L _{Ma}	50.9	-62.83	34.96	71.91	151
C _{Ma}	58.62	-30.34	-45.01	54.3	236
V _{Ma}	25.72	31.1	-44.4	54.22	305
M _{Ma}	48.13	75.28	-8.36	75.74	354
N _{Ma}	18.01	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
R _{CIE}	39.92	58.66	26.98	64.57	25
J _{CIE}	81.26	-2.16	67.76	67.79	92
G _{CIE}	52.23	-42.25	11.76	43.87	164
B _{CIE}	30.57	1.15	-46.84	46.86	271

%Regularität

$g^*_{H,rel} = 57$

$g^*_{C,rel} = 59$



OG450-7, 5 stufige Reihen für konstanten CIELAB Buntton 40/360 = 0.111 (links)

5 stufige Reihen für konstanten CIELAB Buntton 38/360 = 0.105 (rechts)

BAM-Prüfvorlage OG45; Farbmatrik-Systeme TLS00 & ORS18 input: `cmY0* setcmykcolor`

D65: 5stufige Farbreihen und Koordinatendaten für 10 Bunttöne output: `cmY0* / 000n* setcmykcolor`

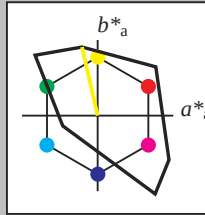
Eingabe: Farbmatisches Fernseh-Licht-System TLS00

für Buntton $h^* = lab^*h = 103/360 = 0.286$
 lab^*tch und lab^*nch

D65: Buntton Y
LCH*Ma: 93 93 103
olv*Ma: 1.0 1.0 0.0

Dreiecks-Helligkeit

1,00



TLS00; adaptierte CIELAB-Daten					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	50.5	76.92	64.55	100.42	40
Y _{Ma}	92.66	-20.69	90.75	93.08	103
L _{Ma}	83.63	-82.75	79.9	115.04	136
C _{Ma}	86.88	-46.16	-13.55	48.12	196
V _{Ma}	30.39	76.06	-103.59	128.52	306
M _{Ma}	57.3	94.35	-58.41	110.97	328
N _{Ma}	0.01	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

%Regularität

$g^*_{H,rel} = 20$

$g^*_{C,rel} = 37$

1,00

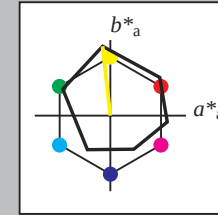
relative Inform. Technology (IT)					
olvi3*	1.0	1.0	1.0	(1.0)	
olvi4*	0.0	0.0	0.0	(0.0)	
olvi5*	0.0	0.0	0.0	(0.0)	
olvi6*	0.0	0.0	0.0	(0.0)	
olvi7*	0.0	0.0	0.0	(0.0)	
olvi8*	0.0	0.0	0.0	(0.0)	
olvi9*	0.0	0.0	0.0	(0.0)	
olvi10*	0.0	0.0	0.0	(0.0)	
olvi11*	0.0	0.0	0.0	(0.0)	
olvi12*	0.0	0.0	0.0	(0.0)	
olvi13*	0.0	0.0	0.0	(0.0)	
olvi14*	0.0	0.0	0.0	(0.0)	
olvi15*	0.0	0.0	0.0	(0.0)	
olvi16*	0.0	0.0	0.0	(0.0)	
olvi17*	0.0	0.0	0.0	(0.0)	
olvi18*	0.0	0.0	0.0	(0.0)	
olvi19*	0.0	0.0	0.0	(0.0)	
olvi20*	0.0	0.0	0.0	(0.0)	
olvi21*	0.0	0.0	0.0	(0.0)	
olvi22*	0.0	0.0	0.0	(0.0)	
olvi23*	0.0	0.0	0.0	(0.0)	
olvi24*	0.0	0.0	0.0	(0.0)	
olvi25*	0.0	0.0	0.0	(0.0)	
olvi26*	0.0	0.0	0.0	(0.0)	
olvi27*	0.0	0.0	0.0	(0.0)	
olvi28*	0.0	0.0	0.0	(0.0)	
olvi29*	0.0	0.0	0.0	(0.0)	
olvi30*	0.0	0.0	0.0	(0.0)	
olvi31*	0.0	0.0	0.0	(0.0)	
olvi32*	0.0	0.0	0.0	(0.0)	
olvi33*	0.0	0.0	0.0	(0.0)	
olvi34*	0.0	0.0	0.0	(0.0)	
olvi35*	0.0	0.0	0.0	(0.0)	
olvi36*	0.0	0.0	0.0	(0.0)	
olvi37*	0.0	0.0	0.0	(0.0)	
olvi38*	0.0	0.0	0.0	(0.0)	
olvi39*	0.0	0.0	0.0	(0.0)	
olvi40*	0.0	0.0	0.0	(0.0)	
olvi41*	0.0	0.0	0.0	(0.0)	
olvi42*	0.0	0.0	0.0	(0.0)	
olvi43*	0.0	0.0	0.0	(0.0)	
olvi44*	0.0	0.0	0.0	(0.0)	
olvi45*	0.0	0.0	0.0	(0.0)	
olvi46*	0.0	0.0	0.0	(0.0)	
olvi47*	0.0	0.0	0.0	(0.0)	
olvi48*	0.0	0.0	0.0	(0.0)	
olvi49*	0.0	0.0	0.0	(0.0)	
olvi50*	0.0	0.0	0.0	(0.0)	
olvi51*	0.0	0.0	0.0	(0.0)	
olvi52*	0.0	0.0	0.0	(0.0)	
olvi53*	0.0	0.0	0.0	(0.0)	
olvi54*	0.0	0.0	0.0	(0.0)	
olvi55*	0.0	0.0	0.0	(0.0)	
olvi56*	0.0	0.0	0.0	(0.0)	
olvi57*	0.0	0.0	0.0	(0.0)	
olvi58*	0.0	0.0	0.0	(0.0)	
olvi59*	0.0	0.0	0.0	(0.0)	
olvi60*	0.0	0.0	0.0	(0.0)	
olvi61*	0.0	0.0	0.0	(0.0)	
olvi62*	0.0	0.0	0.0	(0.0)	
olvi63*	0.0	0.0	0.0	(0.0)	
olvi64*	0.0	0.0	0.0	(0.0)	
olvi65*	0.0	0.0	0.0	(0.0)	
olvi66*	0.0	0.0	0.0	(0.0)	
olvi67*	0.0	0.0	0.0	(0.0)	
olvi68*	0.0	0.0	0.0	(0.0)	
olvi69*	0.0	0.0	0.0	(0.0)	
olvi70*	0.0	0.0	0.0	(0.0)	
olvi71*	0.0	0.0	0.0	(0.0)	
olvi72*	0.0	0.0	0.0	(0.0)	
olvi73*	0.0	0.0	0.0	(0.0)	
olvi74*	0.0	0.0	0.0	(0.0)	
olvi75*	0.0	0.0	0.0	(0.0)	
olvi76*	0.0	0.0	0.0	(0.0)	
olvi77*	0.0	0.0	0.0	(0.0)	
olvi78*	0.0	0.0	0.0	(0.0)	
olvi79*	0.0	0.0	0.0	(0.0)	
olvi80*	0.0	0.0	0.0	(0.0)	
olvi81*	0.0	0.0	0.0	(0.0)	
olvi82*	0.0	0.0	0.0	(0.0)	
olvi83*	0.0	0.0	0.0	(0.0)	
olvi84*	0.0	0.0	0.0	(0.0)	
olvi85*	0.0	0.0	0.0	(0.0)	
olvi86*	0.0	0.0	0.0	(0.0)	
olvi87*	0.0	0.0	0.0	(0.0)	
olvi88*	0.0	0.0	0.0	(0.0)	
olvi89*	0.0	0.0	0.0	(0.0)	
olvi90*	0.0	0.0	0.0	(0.0)	
olvi91*	0.0	0.0	0.0	(0.0)	
olvi92*	0.0	0.0	0.0	(0.0)	
olvi93*	0.0	0.0	0.0	(0.0)	
olvi94*	0.0	0.0	0.0	(0.0)	
olvi95*	0.0	0.0	0.0	(0.0)	
olvi96*	0.0	0.0	0.0	(0.0)	
olvi97*	0.0	0.0	0.0	(0.0)	
olvi98*	0.0	0.0	0.0	(0.0)	
olvi99*	0.0	0.0	0.0	(0.0)	
olvi100*	0.0	0.0	0.0	(0.0)	

Ausgabe: Farbmatisches Offset-Reflektiv-System ORS18

für Buntton $h^* = lab^*h = 96/360 = 0.268$
 lab^*tch und lab^*nch

D65: Buntton Y
LCH*Ma: 90 92 96
olv*Ma: 1.0 1.0 0.0

Dreiecks-Helligkeit



%Umfang

$u^*_{rel} = 93$

ORS18; adaptierte CIELAB-Daten					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	65.39	50.52	82.63	38
Y _{Ma}	90.37	-10.26	91.75	92.32	96
L _{Ma}	50.9	-62.83	34.96	71.91	151
C _{Ma}	58.62	-30.34	-45.01	54.3	236
V _{Ma}	25.72	31.1	-44.4	54.22	305
M _{Ma}	48.13	75.28	-8.36	75.74	354
N _{Ma}	18.01	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
R _{CIE}	39.92	58.66	26.98	64.57	25
J _{CIE}	81.26	-2.16	67.76	67.79	92
G _{CIE}	52.23	-42.25	11.76	43.87	164
B _{CIE}	30.57	1.15	-46.84	46.86	271

%Regularität

$g^*_{H,rel} = 57$

$g^*_{C,rel} = 59$

1,00

relative CIELAB lab*				
lab*lab	1.0	0.0	0.0	
lab*tch	1.0	0.0	–	
lab*nch	0.0	0.0	–	
relative Natural Colour (NC)				
lab*lrj	1.0	0.0	0.0	
lab*tce	1.0	0.0	–	
lab*nCe	0.0	0.0	–	

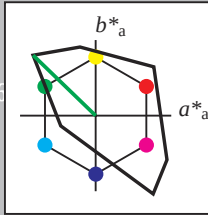
Eingabe: Farbmatisches Fernseh-Licht-System TLS00

für Buntton $h^* = lab^*h = 136/360 = 0.378$

lab^*tch und lab^*nch

D65: Buntton L
LCH*Ma: 84 115 136
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}	50.5	76.92	64.55	100.42	40
Y _{Ma}	92.66	-20.69	90.75	93.08	103
L _{Ma}	83.63	-82.75	79.9	115.04	136
C _{Ma}	86.88	-46.16	-13.55	48.12	196
V _{Ma}	30.39	76.06	-103.59	128.52	306
M _{Ma}	57.3	94.35	-58.41	110.97	328
N _{Ma}	0.01	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

%Regularität

$g^*_{H,rel} = 20$

$g^*_{C,rel} = 37$

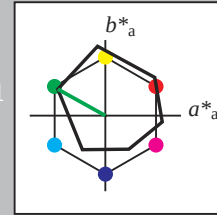
Ausgabe: Farbmatisches Offset-Reflektiv-System ORS18

für Buntton $h^* = lab^*h = 151/360 = 0.419$

lab^*tch und lab^*nch

D65: Buntton L
LCH*Ma: 51 72 151
olv*Ma: 0.0 1.0 0.0

Dreiecks-Helligkeit

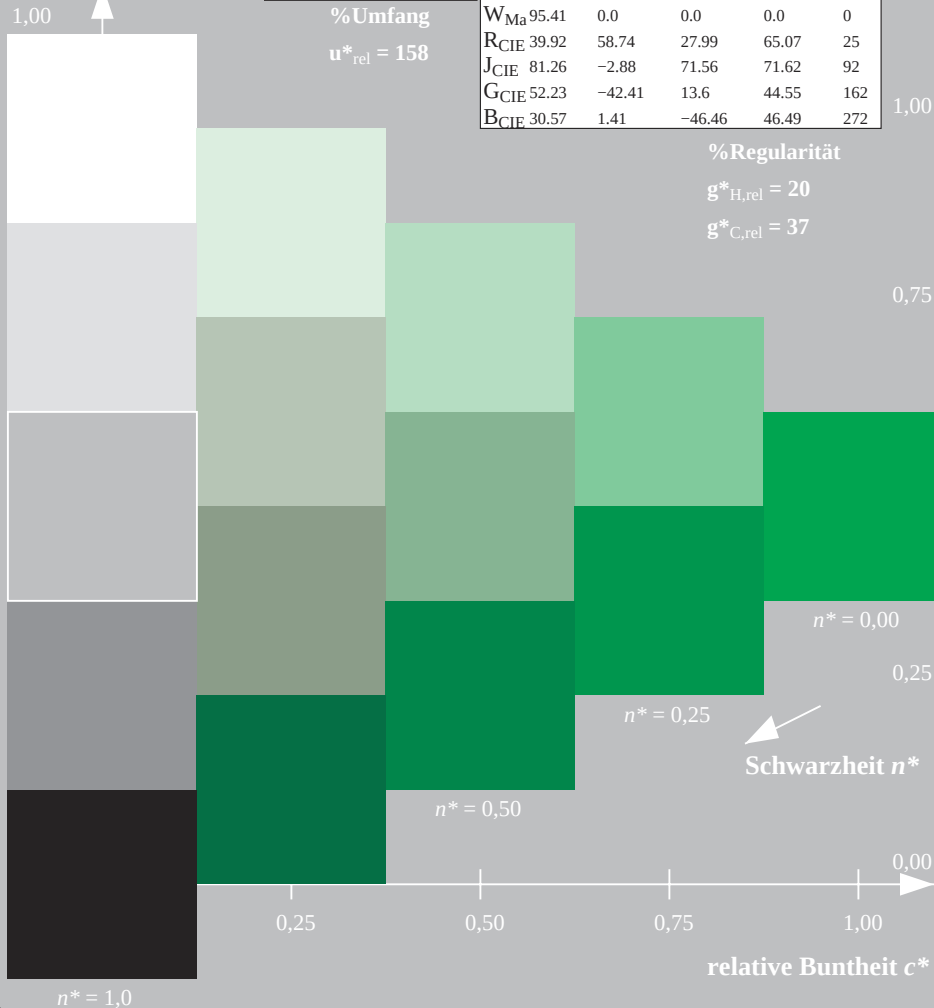


ORS18; adaptierte CIELAB-Daten					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	65.39	50.52	82.63	38
Y _{Ma}	90.37	-10.26	91.75	92.32	96
L _{Ma}	50.9	-62.83	34.96	71.91	151
C _{Ma}	58.62	-30.34	-45.01	54.3	236
V _{Ma}	25.72	31.1	-44.4	54.22	305
M _{Ma}	48.13	75.28	-8.36	75.74	354
N _{Ma}	18.01	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
R _{CIE}	39.92	58.66	26.98	64.57	25
J _{CIE}	81.26	-2.16	67.76	67.79	92
G _{CIE}	52.23	-42.25	11.76	43.87	164
B _{CIE}	30.57	1.15	-46.84	46.86	271

%Regularität

$g^*_{H,rel} = 57$

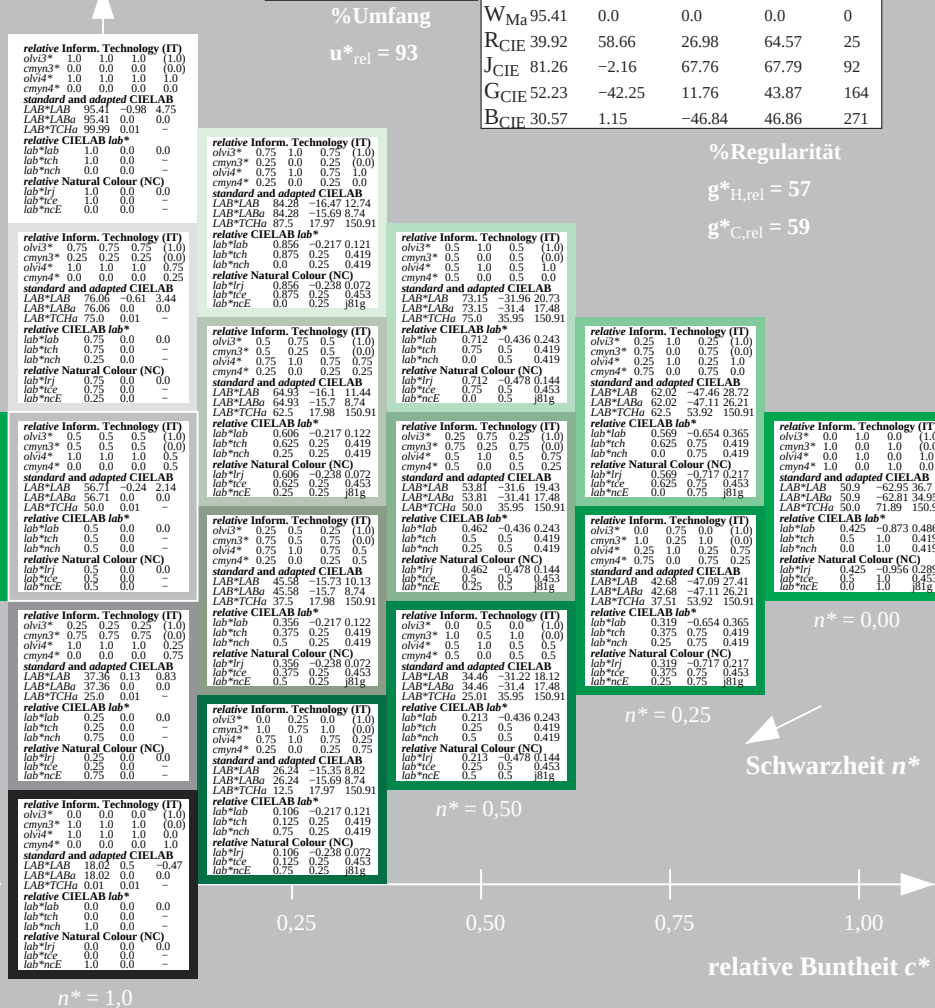
$g^*_{C,rel} = 59$



OG450-7, 5 stufige Reihen für konstanten CIELAB Buntton 136/360 = 0.378 (links)

BAM-Prüfvorlage OG45; Farbmatrik-Systeme TLS00 & ORS18 input: $cmY0^* setcmykcolor$

D65: 5stufige Farbreihen und Koordinatendaten für 10 Bunttöne output: $cmY0^* / 000n^* setcmykcolor$



5 stufige Reihen für konstanten CIELAB Buntton 151/360 = 0.419 (rechts)

Siehe ähnliche Dateien: <http://www.ps.bam.de/OG45/>
Technische Information: <http://www.ps.bam.de> Version 2.1, io=0.0, CIELAB

BAM-Registrierung: 20060101-OG45/10Q/Q45G02FP.PS/.PDF BAM-Material: Code=rh4ta
Anwendung für Beurteilung und Messung von Drucker- oder Monitorsystemen
/OG45/ Form: 3/10, Seite: 1/1, Seite: 3
Scheinung 3

Eingabe: Farbmatisches Fernseh-Licht-System TLS00

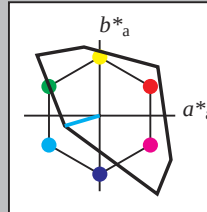
für Buntton $h^* = lab^*h = 196/360 = 0.545$

lab^*tch und lab^*nch

D65: Buntton C
LCH*Ma: 87 48 196
olv*Ma: 0.0 1.0 1.0

Dreiecks-Helligkeit

1,00



TLS00; adaptierte CIELAB-Daten					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	50.5	76.92	64.55	100.42	40
Y _{Ma}	92.66	-20.69	90.75	93.08	103
L _{Ma}	83.63	-82.75	79.9	115.04	136
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M _{Ma}	57.3	94.35	-58.41	110.97	328
N _{Ma}	0.01	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

%Regularität

$g^*_{H,rel} = 20$

$g^*_{C,rel} = 37$

1,00

relative Inform. Technology (IT)					
olvi3*	1.0	1.0	1.0	(1.0)	
cmyn3*	0.0	0.0	0.0	(0.0)	
olvi4*	1.0	1.0	1.0	1.0	
cmyn4*	0.0	0.0	0.0	0.0	
standard and adapted CIELAB					
LAB*LAB	95.41	-0.98	4.75		
LAB*Lab	95.41	0.0	0.0		
LAB*Lab	95.99	0.01	0.0		
relative CIELAB lab*					
lab*lab	1.0	0.0	0.0		
lab*tch	1.0	0.0	0.0		
lab*nch	0.0	0.0	0.0		
relative Natural Colour (NC)					
lab*trj	1.0	0.0	0.0		
lab*tce	1.0	0.0	0.0		
lab*nce	0.0	0.0	0.0		

relative Inform. Technology (IT)					
olvi3*	0.75	0.75	0.75	(1.0)	
cmyn3*	0.25	0.25	0.25	(0.0)	
olvi4*	1.0	1.0	1.0	0.75	
cmyn4*	0.0	0.0	0.0	0.25	
standard and adapted CIELAB					
LAB*LAB	76.06	-0.61	3.44		
LAB*Lab	76.06	0.0	0.0		
LAB*Lab	75.0	0.01	0.0		
relative CIELAB lab*					
lab*lab	0.75	0.0	0.0		
lab*tch	0.75	0.0	0.0		
lab*nch	0.25	0.0	0.0		
relative Natural Colour (NC)					
lab*trj	0.75	0.0	0.0		
lab*tce	0.25	0.0	0.0		
lab*nce	0.25	0.0	0.0		

relative Inform. Technology (IT)					
olvi3*	0.5	0.5	0.5	(1.0)	
cmyn3*	0.5	0.5	0.5	(0.0)	
olvi4*	1.0	1.0	1.0	0.5	
cmyn4*	0.0	0.0	0.0	0.5	
standard and adapted CIELAB					
LAB*LAB	56.71	-0.24	2.14		
LAB*Lab	56.71	0.0	0.0		
LAB*Lab	50.0	0.01	0.0		
relative CIELAB lab*					
lab*lab	0.5	0.0	0.0		
lab*tch	0.5	0.0	0.0		
lab*nch	0.5	0.0	0.0		
relative Natural Colour (NC)					
lab*trj	0.5	0.0	0.0		
lab*tce	0.5	0.0	0.0		
lab*nce	0.5	0.0	0.0		

relative Inform. Technology (IT)					
olvi3*	0.25	0.25	0.25	(1.0)	
cmyn3*	0.75	0.75	0.75	(0.0)	
olvi4*	1.0	1.0	1.0	0.25	
cmyn4*	0.0	0.0	0.0	0.75	
standard and adapted CIELAB					
LAB*LAB	37.36	0.13	0.83		
LAB*Lab	37.36	0.0	0.0		
LAB*Lab	25.0	0.01	0.0		
relative CIELAB lab*					
lab*lab	0.25	0.0	0.0		
lab*tch	0.25	0.0	0.0		
lab*nch	0.75	0.0	0.0		
relative Natural Colour (NC)					
lab*trj	0.25	0.0	0.0		
lab*tce	0.75	0.0	0.0		
lab*nce	0.75	0.0	0.0		

relative Inform. Technology (IT)					
olvi3*	0.0	0.0	0.0	(1.0)	
cmyn3*	1.0	1.0	1.0	(0.0)	
olvi4*	1.0	1.0	1.0	0.0	
cmyn4*	0.0	0.0	0.0	1.0	
standard and adapted CIELAB					
LAB*LAB	18.02	0.5	0.47		
LAB*Lab	18.02	0.0	0.0		
LAB*Lab	0.01	0.01	0.0		
relative CIELAB lab*					
lab*lab	0.0	0.0	0.0		
lab*tch	0.0	0.0	0.0		
lab*nch	1.0	0.0	0.0		
relative Natural Colour (NC)					
lab*trj	0.0	0.0	0.0		
lab*tce	1.0	0.0	0.0		
lab*nce	1.0	0.0	0.0		

$n^* = 1,0$

OG450-7, 5 stufige Reihen für konstanten CIELAB Buntton 196/360 = 0.545 (links)



BAM-Prüfvorlage OG45; Farbmatrik-Systeme TLS00 & ORS18 input: `cmv0* setcmvcolor`

D65: 5stufige Farbreihen und Koordinatendaten für 10 Bunttöne output: `cmv0* / 000n* setcmvcolor`

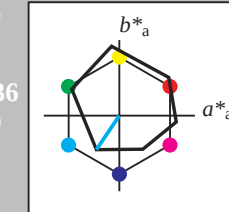
Ausgabe: Farbmatisches Offset-Reflektiv-System ORS18

für Buntton $h^* = lab^*h = 236/360 = 0.656$

lab^*tch und lab^*nch

D65: Buntton C
LCH*Ma: 59 54 236
olv*Ma: 0.0 1.0 1.0

Dreiecks-Helligkeit



%Umfang

$u^*_{rel} = 93$

ORS18; adaptierte CIELAB-Daten					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	65.39	50.52	82.63	38
Y _{Ma}	90.37	-10.26	91.75	92.32	96
L _{Ma}	50.9	-62.83	34.96	71.91	151
C _{Ma}	58.62	-30.34	-45.01	54.3	236
V _{Ma}	25.72	31.1	-44.4	54.22	305
M _{Ma}	48.13	75.28	-8.36	75.74	354
N _{Ma}	18.01	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
R _{CIE}	39.92	58.66	26.98	64.57	25
J _{CIE}	81.26	-2.16	67.76	67.79	92
G _{CIE}	52.23	-42.25	11.76	43.87	164
B _{CIE}	30.57	1.15	-46.84	46.86	271

%Regularität

$g^*_{H,rel} = 57$

$g^*_{C,rel} = 59$

relative Inform. Technology (IT)					
olvi3*	0.75	1.0	1.0	(1.0)	
cmyn3*	0.25	0.0	0.0	(0.0)	
olvi4*	0.75	1.0	1.0	1.0	
cmyn4*	0.25	0.0	0.0	0.0	
standard and adapted CIELAB					
LAB*LAB	86.21	-8.39	-7.1		
LAB*Lab	86.21	-7.57	-11.24		
LAB*Lab	87.5	13.57	236.02		
relative CIELAB lab*					
lab*lab	0.75	1.0	1.0		
lab*tch	0.75	1.0	1.0		
lab*nch	0.25	0.0	0.0		
relative Natural Colour (NC)					
lab*trj	0.75	1.0	1.0		
lab*tce	0.25	0.0	0.0		
lab*nce	0.25	0.0	0.0		

relative Inform. Technology (IT)					
olvi3*	0.5	0.75	0.75	(1.0)	
cmyn3*	0.5	0.25	0.25	(0.0)	
olvi4*	0.75	1.0	1.0	0.75	
cmyn4*	0.5	0.0	0.0	0.25	
standard and adapted CIELAB					
LAB*LAB	66.86	-8.02	-8.42		
LAB*Lab	66.86	-7.58	-11.25		
LAB*Lab	62.5	13.57	236.02		
relative CIELAB lab*					
lab*lab	0.5	0.75	0.75		
lab*tch	0.5	0.75	0.75		
lab*nch	0.5	0.25	0.25		
relative Natural Colour (NC)					
lab*trj	0.5	0.75	0.75		
lab*tce	0.5	0.25	0.25		
lab*nce	0.5	0.25	0.25		

relative Inform. Technology (IT)					
olvi3*	0.25	0.75	0.75	(1.0)	
cmyn3*	0.75	0.25	0.25	(0.0)	
olvi4*	0.5	1.0	1.0	0.75	
cmyn4*	0.5	0.0	0.0	0.25	
standard and adapted CIELAB					
LAB*LAB	57.67	-15.43	-20.29		
LAB*Lab	57.67	-15.16	-22.5		
LAB*Lab	50.0	27.15	236.02		
relative CIELAB lab*					
lab*lab	0.25	0.75	0.75		
lab*tch	0.25	0.75	0.75		
lab*nch	0.75	0.25	0.25		
relative Natural Colour (NC)					
lab*trj	0.25	0.75	0.75		
lab*tce	0.75	0.25	0.25		
lab*nce	0.75	0.25	0.25		

relative Inform. Technology (IT)					
olvi3*	0.5	0.5	0.5	(1.0)	
cmyn3*	0.5	0.5	0.5	(0.0)	
olvi4*	0.5	1.0	1.0	0.5	
cmyn4*	0.5	0.0	0.0	0.5	
standard and adapted CIELAB					
LAB*LAB	47.51	-7.64	-9.72		
LAB*Lab	47.51	-7.58	-11.25		
LAB*Lab	37.5	13.57	236.02		
relative CIELAB lab*					
lab*lab	0.5	0.5	0.5		
lab*tch	0.5	0.5	0.5		
lab*nch	0.5	0.5	0.5		
relative Natural Colour (NC)					
lab*trj	0.5	0.5	0.5		
lab*tce	0.5	0.5	0.5		
lab*nce	0.5	0.5	0.5		

relative CIELAB lab*					
lab*lab	0.131	-0.139	-0.206		
lab*tch	0.125	0.25	0.656		
lab*nch	0.75	0.25	0.656		
relative Natural Colour (NC)					
lab*lrj	0.131	-0.123	-0.216		
lab*tce	0.125	0.25	0.667		
lab*nce	0.75	0.25	0.666		

0,25

Eingabe: Farbmatisches Fernseh-Licht-System TLS00

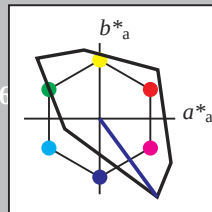
für Buntton $h^* = lab^*h = 306/360 = 0.851$

lab^*tch und lab^*nch

D65: Buntton V
LCH*Ma: 30 129 306
olv*Ma: 0.0 0.0 1.0

Dreiecks-Helligkeit

1,00



%Umfang

$u^*_{rel} = 158$

TLS00; adaptierte CIELAB-Daten					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	50.5	76.92	64.55	100.42	40
Y _{Ma}	92.66	-20.69	90.75	93.08	103
L _{Ma}	83.63	-82.75	79.9	115.04	136
C _{Ma}	86.88	-46.16	-13.55	48.12	196
V _{Ma}	30.39	76.06	-103.59	128.52	306
M _{Ma}	57.3	94.35	-58.41	110.97	328
N _{Ma}	0.01	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

%Regularität

$g^*_{H,rel} = 20$

$g^*_{C,rel} = 37$

1,00

relative Inform. Technology (IT)					
olvi3*	1.0	1.0	1.0	(1.0)	
cmyn3*	0.0	0.0	0.0	(0.0)	
olvi4*	1.0	1.0	1.0	1.0	
cmyn4*	0.0	0.0	0.0	0.0	
standard and adapted CIELAB					
LAB*LAB	95.41	-0.98	4.75		
LAB*LABa	95.41	0.0	0.0		
LAB*LABb	95.41	0.0	0.0		
LAB*LABc	95.41	0.0	0.0		
LAB*LABd	95.41	0.0	0.0		
LAB*LABe	95.41	0.0	0.0		
LAB*LABf	95.41	0.0	0.0		
LAB*LABg	95.41	0.0	0.0		
LAB*LABh	95.41	0.0	0.0		
LAB*LABi	95.41	0.0	0.0		
LAB*LABj	95.41	0.0	0.0		
LAB*LABk	95.41	0.0	0.0		
LAB*LABl	95.41	0.0	0.0		
LAB*LABm	95.41	0.0	0.0		
LAB*LABn	95.41	0.0	0.0		
LAB*LABo	95.41	0.0	0.0		
LAB*LABp	95.41	0.0	0.0		
LAB*LABq	95.41	0.0	0.0		
LAB*LABr	95.41	0.0	0.0		
LAB*LABs	95.41	0.0	0.0		
LAB*LABt	95.41	0.0	0.0		
LAB*LABu	95.41	0.0	0.0		
LAB*LABv	95.41	0.0	0.0		
LAB*LABw	95.41	0.0	0.0		
LAB*LABx	95.41	0.0	0.0		
LAB*LABy	95.41	0.0	0.0		
LAB*LABz	95.41	0.0	0.0		

relative Inform. Technology (IT)					
olvi3*	0.75	0.75	0.75	(1.0)	
cmyn3*	0.25	0.25	0.25	(0.0)	
olvi4*	1.0	1.0	1.0	0.75	
cmyn4*	0.0	0.0	0.0	0.25	
standard and adapted CIELAB					
LAB*LAB	76.06	-0.61	3.44		
LAB*LABa	76.06	0.0	0.0		
LAB*LABb	76.06	0.0	0.0		
LAB*LABc	76.06	0.0	0.0		
LAB*LABd	76.06	0.0	0.0		
LAB*LABe	76.06	0.0	0.0		
LAB*LABf	76.06	0.0	0.0		
LAB*LABg	76.06	0.0	0.0		
LAB*LABh	76.06	0.0	0.0		
LAB*LABi	76.06	0.0	0.0		
LAB*LABj	76.06	0.0	0.0		
LAB*LABk	76.06	0.0	0.0		
LAB*LABl	76.06	0.0	0.0		
LAB*LABm	76.06	0.0	0.0		
LAB*LABn	76.06	0.0	0.0		
LAB*LABo	76.06	0.0	0.0		
LAB*LABp	76.06	0.0	0.0		
LAB*LABq	76.06	0.0	0.0		
LAB*LABr	76.06	0.0	0.0		
LAB*LABs	76.06	0.0	0.0		
LAB*LABt	76.06	0.0	0.0		
LAB*LABu	76.06	0.0	0.0		
LAB*LABv	76.06	0.0	0.0		
LAB*LABw	76.06	0.0	0.0		
LAB*LABx	76.06	0.0	0.0		
LAB*LABy	76.06	0.0	0.0		
LAB*LABz	76.06	0.0	0.0		

relative Inform. Technology (IT)					
olvi3*	0.5	0.5	0.5	(1.0)	
cmyn3*	0.5	0.5	0.5	(0.0)	
olvi4*	1.0	1.0	1.0	0.5	
cmyn4*	0.0	0.0	0.0	0.5	
standard and adapted CIELAB					
LAB*LAB	56.71	-0.24	2.14		
LAB*LABa	56.71	0.0	0.0		
LAB*LABb	56.71	0.0	0.0		
LAB*LABc	56.71	0.0	0.0		
LAB*LABd	56.71	0.0	0.0		
LAB*LABe	56.71	0.0	0.0		
LAB*LABf	56.71	0.0	0.0		
LAB*LABg	56.71	0.0	0.0		
LAB*LABh	56.71	0.0	0.0		
LAB*LABi	56.71	0.0	0.0		
LAB*LABj	56.71	0.0	0.0		
LAB*LABk	56.71	0.0	0.0		
LAB*LABl	56.71	0.0	0.0		
LAB*LABm	56.71	0.0	0.0		
LAB*LABn	56.71	0.0	0.0		
LAB*LABo	56.71	0.0	0.0		
LAB*LABp	56.71	0.0	0.0		
LAB*LABq	56.71	0.0	0.0		
LAB*LABr	56.71	0.0	0.0		
LAB*LABs	56.71	0.0	0.0		
LAB*LABt	56.71	0.0	0.0		
LAB*LABu	56.71	0.0	0.0		
LAB*LABv	56.71	0.0	0.0		
LAB*LABw	56.71	0.0	0.0		
LAB*LABx	56.71	0.0	0.0		
LAB*LABy	56.71	0.0	0.0		
LAB*LABz	56.71	0.0	0.0		

relative Inform. Technology (IT)					
olvi3*	0.25	0.25	0.25	(1.0)	
cmyn3*	0.75	0.75	0.75	(0.0)	
olvi4*	1.0	1.0	1.0	0.25	
cmyn4*	0.0	0.0	0.0	0.25	
standard and adapted CIELAB					
LAB*LAB	37.36	0.13	0.83		
LAB*LABa	37.36	0.0	0.0		
LAB*LABb	37.36	0.0	0.0		
LAB*LABc	37.36	0.0	0.0		
LAB*LABd	37.36	0.0	0.0		
LAB*LABe	37.36	0.0	0.0		
LAB*LABf	37.36	0.0	0.0		
LAB*LABg	37.36	0.0	0.0		
LAB*LABh	37.36	0.0	0.0		
LAB*LABi	37.36	0.0	0.0		
LAB*LABj	37.36	0.0	0.0		
LAB*LABk	37.36	0.0	0.0		
LAB*LABl	37.36	0.0	0.0		
LAB*LABm	37.36	0.0	0.0		
LAB*LABn	37.36	0.0	0.0		
LAB*LABo	37.36	0.0	0.0		
LAB*LABp	37.36	0.0	0.0		
LAB*LABq	37.36	0.0	0.0		
LAB*LABr	37.36	0.0	0.0		
LAB*LABs	37.36	0.0	0.0		
LAB*LABt	37.36	0.0	0.0		
LAB*LABu	37.36	0.0	0.0		
LAB*LABv	37.36	0.0	0.0		
LAB*LABw	37.36	0.0	0.0		
LAB*LABx	37.36	0.0	0.0		
LAB*LABy	37.36	0.0	0.0		
LAB*LABz	37.36	0.0	0.0		

relative Inform. Technology (IT)					
olvi3*	0.0	0.0	0.0	(1.0)	
cmyn3*	1.0	1.0	1.0	(0.0)	
olvi4*	1.0	1.0	1.0	0.0	
cmyn4*	0.0	0.0	0.0	1.0	
standard and adapted CIELAB					
LAB*LAB	18.02	0.5	0.47		
LAB*LABa	18.02	0.0	0.0		
LAB*LABb	18.02	0.0	0.0		
LAB*LABc	18.02	0.0	0.0		
LAB*LABd	18.02	0.0	0.0		
LAB*LABe	18.02	0.0	0.0		
LAB*LABf	18.02	0.0	0.0		
LAB*LABg	18.02	0.0	0.0		
LAB*LABh	18.02	0.0	0.0		
LAB*LABi	18.02	0.0	0.0		
LAB*LABj	18.02	0.0	0.0		
LAB*LABk	18.02	0.0	0.0		
LAB*LABl	18.02	0.0	0.0		
LAB*LABm	18.02	0.0	0.0		
LAB*LABn	18.02	0.0	0.0		
LAB*LABo	18.02	0.0	0.0		
LAB*LABp	18.02	0.0	0.0		
LAB*LABq	18.02	0.0	0.0		
LAB*LABr	18.02	0.0	0.0		
LAB*LABs	18.02	0.0	0.0		
LAB*LABt	18.02	0.0	0.0		
LAB*LABu	18.02	0.0	0.0		
LAB*LABv	18.02	0.0	0.0		
LAB*LABw	18.02	0.0	0.0		
LAB*LABx	18.02	0.0	0.0		
LAB*LABy	18.02	0.0	0.0		
LAB*LABz	18.02	0.0	0.0		

$n^* = 1.0$

Ausgabe: Farbmatisches Offset-Reflektiv-System ORS18

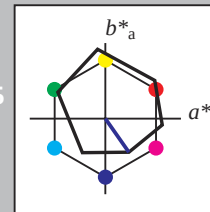
für Buntton $h^* = lab^*h = 305/360 = 0.847$

lab^*tch und lab^*nch

D65: Buntton V
LCH*Ma: 26 54 305
olv*Ma: 0.0 0.0 1.0

Dreiecks-Helligkeit

1,00



%Umfang

$u^*_{rel} = 93$

ORS18; adaptierte CIELAB-Daten					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	65.39	50.52	82.63	38
Y _{Ma}	90.37	-10.26	91.75	92.32	96
L _{Ma}	50.9	-62.83	34.96	71.91	151
C _{Ma}	58.62	-30.34	-45.01	54.3	236
V _{Ma}	25.72	31.1	-44.4	54.22	305
M _{Ma}	48.13	75.28	-8.36	75.74	354
N _{Ma}	18.01	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
R _{CIE}	39.92	58.66	26.98	64.57	25
J _{CIE}	81.26	-2.16	67.76	67.79	92
G _{CIE}	52.23	-42.25	11.76	43.87	164
B _{CIE}	30.57	1.15	-46.84	46.86	271

%Regularität

$g^*_{H,rel} = 57$

$g^*_{C,rel} = 59$

1,00

20060101-OG
rtteilung und M

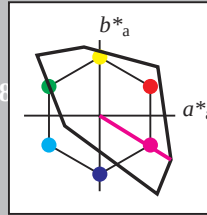
Eingabe: Farbmatisches Fernseh-Licht-System TLS00

für Buntton $h^* = lab^*h = 328/360 = 0.912$

lab^*tch und lab^*nch

D65: Buntton M
LCH*Ma: 57 111 328
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 _{Ma}	50.5	76.92	64.55	100.42	40
Y _{Ma}	92.66	-20.69	90.75	93.08	103
L _{Ma}	83.63	-82.75	79.9	115.04	136
C _{Ma}	86.88	-46.16	-13.55	48.12	196
V _{Ma}	30.39	76.06	-103.59	128.52	306
M _{Ma}	57.3	94.35	-58.41	110.97	328
N _{Ma}	0.01	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

%Regularität

$g^*_{H,rel} = 20$

$g^*_{C,rel} = 37$

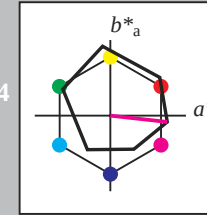
Ausgabe: Farbmatisches Offset-Reflektiv-System ORS18

für Buntton $h^* = lab^*h = 354/360 = 0.982$

lab^*tch und lab^*nch

D65: Buntton M
LCH*Ma: 48 76 354
olv*Ma: 1.0 0.0 1.0

Dreiecks-Helligkeit

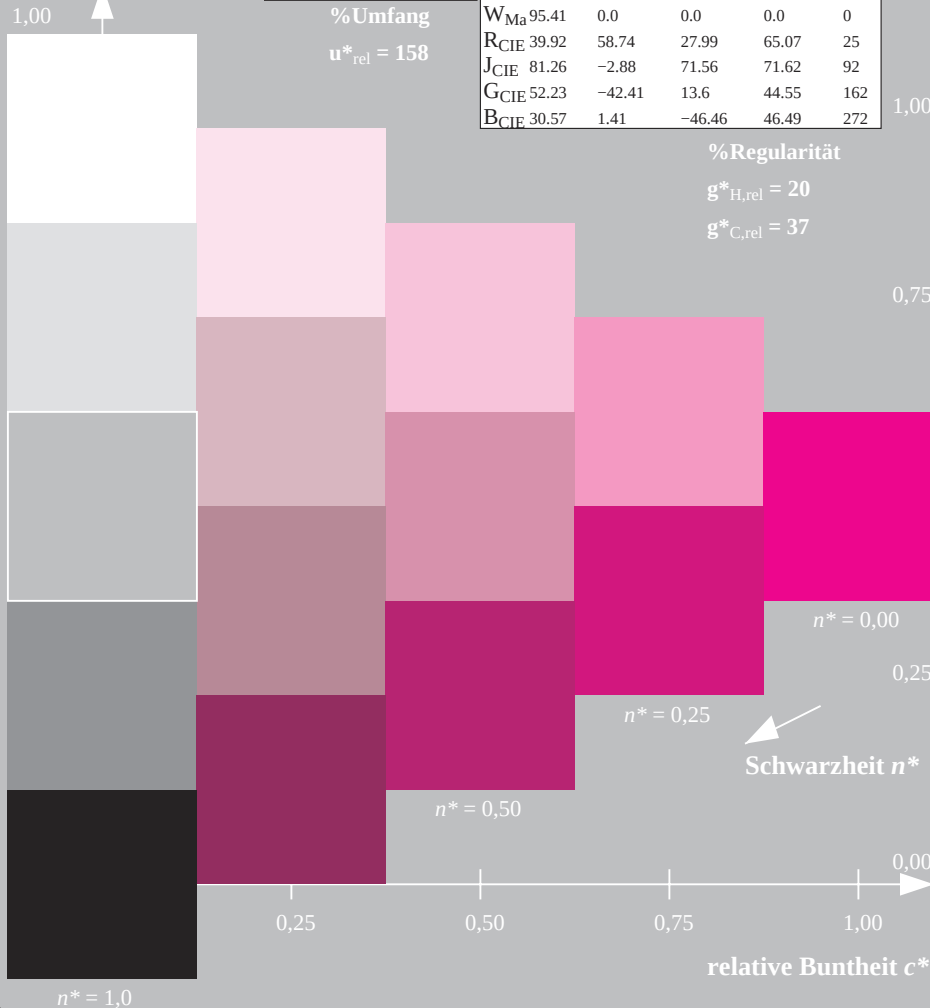


ORS18; adaptierte CIELAB-Daten					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	65.39	50.52	82.63	38
Y _{Ma}	90.37	-10.26	91.75	92.32	96
L _{Ma}	50.9	-62.83	34.96	71.91	151
C _{Ma}	58.62	-30.34	-45.01	54.3	236
V _{Ma}	25.72	31.1	-44.4	54.22	305
M _{Ma}	48.13	75.28	-8.36	75.74	354
N _{Ma}	18.01	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
R _{CIE}	39.92	58.66	26.98	64.57	25
J _{CIE}	81.26	-2.16	67.76	67.79	92
G _{CIE}	52.23	-42.25	11.76	43.87	164
B _{CIE}	30.57	1.15	-46.84	46.86	271

%Regularität

$g^*_{H,rel} = 57$

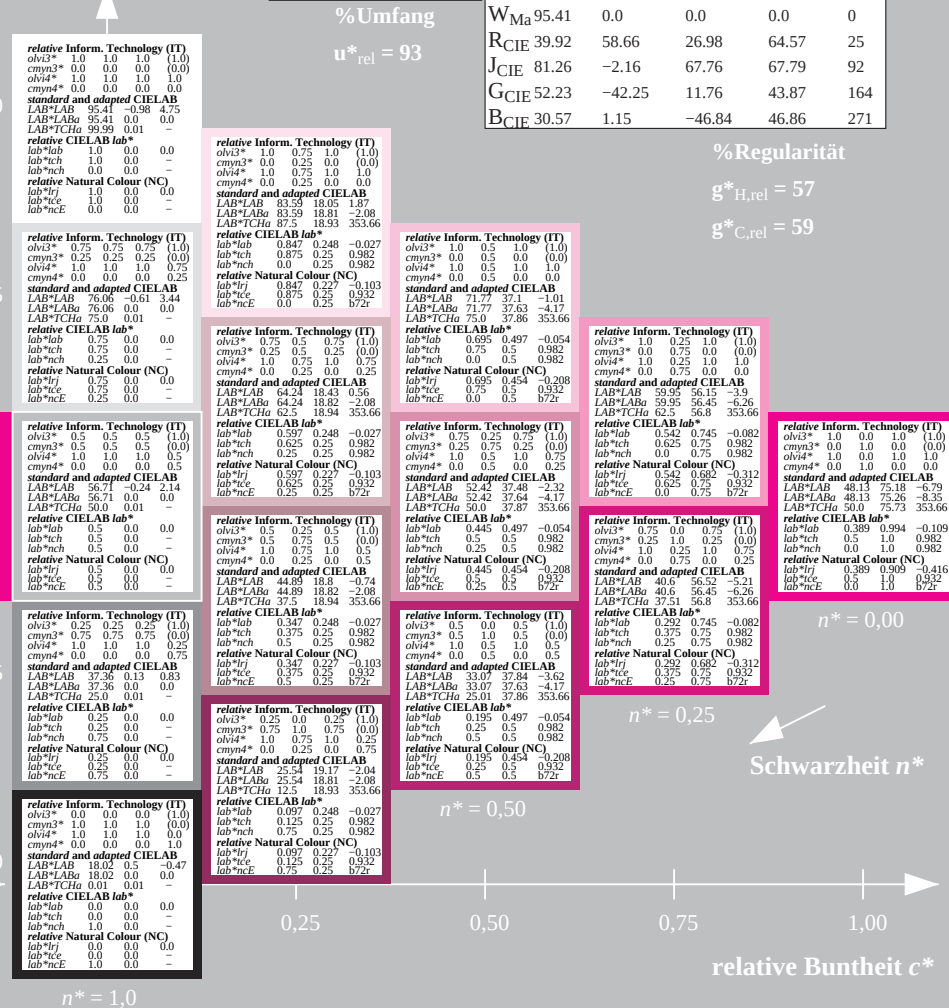
$g^*_{C,rel} = 59$



OG450-7, 5 stufige Reihen für konstanten CIELAB Buntton 328/360 = 0.912 (links)

BAM-Prüfvorlage OG45; Farbmatrik-Systeme TLS00 & ORS18 input: `cmY0* setcmYcolor`

D65: 5stufige Farbreihen und Koordinatendaten für 10 Bunttöne output: `cmY0* / 000n* setcmYcolor`



5 stufige Reihen für konstanten CIELAB Buntton 354/360 = 0.982 (rechts)

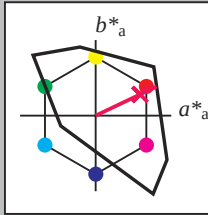
Eingabe: Farbmatisches Fernseh-Licht-System TLS00

für Buntton $h^* = lab^*h = 25/360 = 0.071$

lab^*tch und lab^*nch

D65: Buntton R
LCH*Ma: 52 89 25
olv*Ma: 1.0 0.0 0.21

Dreiecks-Helligkeit



TLS00; adaptierte CIELAB-Daten					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	50.5	76.92	64.55	100.42	40
Y _{Ma}	92.66	-20.69	90.75	93.08	103
L _{Ma}	83.63	-82.75	79.9	115.04	136
C _{Ma}	86.88	-46.16	-13.55	48.12	196
V _{Ma}	30.39	76.06	-103.59	128.52	306
M _{Ma}	57.3	94.35	-58.41	110.97	328
N _{Ma}	0.01	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

%Regularität

$g^*_{H,rel} = 20$

$g^*_{C,rel} = 37$

1,00

0,75

$n^* = 0,00$

$n^* = 0,25$

$n^* = 0,50$

0,25

0,50

0,75

1,00

relative Buntheit c^*

OG450-7, 5 stufige Reihen für konstanten CIELAB Buntton 25/360 = 0.071 (links)



BAM-Prüfvorlage OG45; Farbmatrik-Systeme TLS00 & ORS18 input: $cmY0^* \text{ setcmYkcolor}$
D65: 5stufige Farbreihen und Koordinatendaten für 10 Bunttöne output: $cmY0^* / 000n^* \text{ setcmYkcolor}$

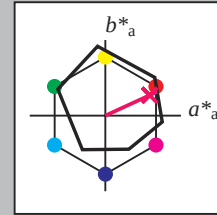
Ausgabe: Farbmatisches Offset-Reflektiv-System ORS18

für Buntton $h^* = lab^*h = 25/360 = 0.069$

lab^*tch und lab^*nch

D65: Buntton R
LCH*Ma: 48 75 25
olv*Ma: 1.0 0.0 0.32

Dreiecks-Helligkeit



ORS18; adaptierte CIELAB-Daten					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	65.39	50.52	82.63	38
Y _{Ma}	90.37	-10.26	91.75	92.32	96
L _{Ma}	50.9	-62.83	34.96	71.91	151
C _{Ma}	58.62	-30.34	-45.01	54.3	236
V _{Ma}	25.72	31.1	-44.4	54.22	305
M _{Ma}	48.13	75.28	-8.36	75.74	354
N _{Ma}	18.01	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
R _{CIE}	39.92	58.66	26.98	64.57	25
J _{CIE}	81.26	-2.16	67.76	67.79	92
G _{CIE}	52.23	-42.25	11.76	43.87	164
B _{CIE}	30.57	1.15	-46.84	46.86	271

%Regularität

$g^*_{H,rel} = 57$

$g^*_{C,rel} = 59$

1,00

0,75

$n^* = 0,00$

$n^* = 0,25$

$n^* = 0,50$

0,25

0,50

0,75

1,00

relative Buntheit c^*

5 stufige Reihen für konstanten CIELAB Buntton 25/360 = 0.069 (rechts)

Eingabe: Farbmatisches Fernseh-Licht-System TLS00

für Buntton $h^* = lab^*h = 92/360 = 0.256$

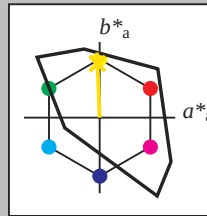
lab^*tch und lab^*nch

D65: Buntton J

LCH*Ma: 85 86 92

olv*Ma: 1.0 0.82 0.0

Dreiecks-Helligkeit



TLS00; adaptierte CIELAB-Daten					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	50.5	76.92	64.55	100.42	40
Y _{Ma}	92.66	-20.69	90.75	93.08	103
L _{Ma}	83.63	-82.75	79.9	115.04	136
C _{Ma}	86.88	-46.16	-13.55	48.12	196
V _{Ma}	30.39	76.06	-103.59	128.52	306
M _{Ma}	57.3	94.35	-58.41	110.97	328
N _{Ma}	0.01	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

%Regularität

$g^*_{H,rel} = 20$

$g^*_{C,rel} = 37$

1,00

0,75

$n^* = 0,00$

0,25

$n^* = 0,25$

$n^* = 0,50$

0,25

0,50

0,75

1,00

relative Buntheit c^*

OG450-7, 5 stufige Reihen für konstanten CIELAB Buntton 92/360 = 0.256 (links)

BAM-Prüfvorlage OG45; Farbmatrik-Systeme TLS00 & ORS18 input: `cmY0* setcmykcolor`

D65: 5stufige Farbreihen und Koordinatendaten für 10 Bunttöne output: `cmY0* / 000n* setcmykcolor`

Ausgabe: Farbmatisches Offset-Reflektiv-System ORS18

für Buntton $h^* = lab^*h = 92/360 = 0.255$

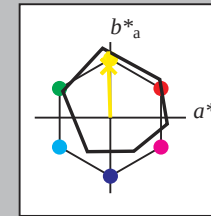
lab^*tch und lab^*nch

D65: Buntton J

LCH*Ma: 86 88 92

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	65.39	50.52	82.63	38
Y _{Ma}	90.37	-10.26	91.75	92.32	96
L _{Ma}	50.9	-62.83	34.96	71.91	151
C _{Ma}	58.62	-30.34	-45.01	54.3	236
V _{Ma}	25.72	31.1	-44.4	54.22	305
M _{Ma}	48.13	75.28	-8.36	75.74	354
N _{Ma}	18.01	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
R _{CIE}	39.92	58.66	26.98	64.57	25
J _{CIE}	81.26	-2.16	67.76	67.79	92
G _{CIE}	52.23	-42.25	11.76	43.87	164
B _{CIE}	30.57	1.15	-46.84	46.86	271

%Regularität

$g^*_{H,rel} = 57$

$g^*_{C,rel} = 59$

1,00

0,75

$n^* = 0,00$

0,25

$n^* = 0,25$

$n^* = 0,50$

0,25

0,50

0,75

1,00

relative Buntheit c^*

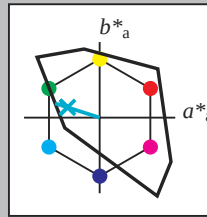
5 stufige Reihen für konstanten CIELAB Buntton 92/360 = 0.255 (rechts)

Eingabe: Farbmatisches Fernseh-Licht-System TLS00

für Buntton $h^* = lab^*h = 162/360 = 0.451$
 lab^*tch und lab^*nch

D65: Buntton G
LCH*Ma: 86 62 162
olv*Ma: 0.0 1.0 0.65

Dreiecks-Helligkeit



TLS00; adaptierte CIELAB-Daten					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	50.5	76.92	64.55	100.42	40
Y _{Ma}	92.66	-20.69	90.75	93.08	103
L _{Ma}	83.63	-82.75	79.9	115.04	136
C _{Ma}	86.88	-46.16	-13.55	48.12	196
V _{Ma}	30.39	76.06	-103.59	128.52	306
M _{Ma}	57.3	94.35	-58.41	110.97	328
N _{Ma}	0.01	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

%Regularität

$g^*_{H,rel} = 20$

$g^*_{C,rel} = 37$

1,00

0,75

$n^* = 0,00$

0,25

$n^* = 0,25$

$n^* = 0,50$

0,00

relative Buntheit c^*

OG450-7, 5 stufige Reihen für konstanten CIELAB Buntton 162/360 = 0.451 (links)



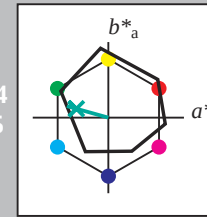
BAM-Prüfvorlage OG45; Farbmatrik-Systeme TLS00 & ORS18 input: `cmY0* setcmYcolor`
D65: 5stufige Farbreihen und Koordinatendaten für 10 Bunttöne output: `cmY0* / 000n* setcmYcolor`

Ausgabe: Farbmatisches Offset-Reflektiv-System ORS18

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

D65: Buntton G
LCH*Ma: 53 57 164
olv*Ma: 0.0 1.0 0.25

Dreiecks-Helligkeit



ORS18; adaptierte CIELAB-Daten					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	65.39	50.52	82.63	38
Y _{Ma}	90.37	-10.26	91.75	92.32	96
L _{Ma}	50.9	-62.83	34.96	71.91	151
C _{Ma}	58.62	-30.34	-45.01	54.3	236
V _{Ma}	25.72	31.1	-44.4	54.22	305
M _{Ma}	48.13	75.28	-8.36	75.74	354
N _{Ma}	18.01	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
R _{CIE}	39.92	58.66	26.98	64.57	25
J _{CIE}	81.26	-2.16	67.76	67.79	92
G _{CIE}	52.23	-42.25	11.76	43.87	164
B _{CIE}	30.57	1.15	-46.84	46.86	271

%Regularität

$g^*_{H,rel} = 57$

$g^*_{C,rel} = 59$

%Umfang

$u^*_{rel} = 93$

1,00

0,75

$n^* = 0,00$

0,25

$n^* = 0,25$

$n^* = 0,50$

0,00

relative Buntheit c^*

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



Eingabe: Farbmatisches Fernseh-Licht-System TLS00

für Buntton $h^* = lab^*h = 272/360 = 0.755$

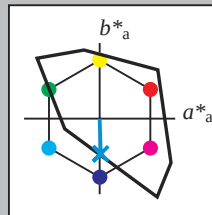
lab^*tch und lab^*nch

D65: Buntton B

LCH*Ma: 65 49 272

olv*Ma: 0.0 0.61 1.0

Dreiecks-Helligkeit



TLS00; adaptierte CIELAB-Daten					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	50.5	76.92	64.55	100.42	40
Y _{Ma}	92.66	-20.69	90.75	93.08	103
L _{Ma}	83.63	-82.75	79.9	115.04	136
C _{Ma}	86.88	-46.16	-13.55	48.12	196
V _{Ma}	30.39	76.06	-103.59	128.52	306
M _{Ma}	57.3	94.35	-58.41	110.97	328
N _{Ma}	0.01	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

%Regularität

$g^*_{H,rel} = 20$

$g^*_{C,rel} = 37$

1,00

Ausgabe: Farbmatisches Offset-Reflektiv-System ORS18

für Buntton $h^* = lab^*h = 271/360 = 0.754$

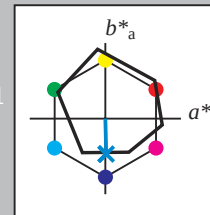
lab^*tch und lab^*nch

D65: Buntton B

LCH*Ma: 42 45 271

olv*Ma: 0.0 0.49 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	65.39	50.52	82.63	38
Y _{Ma}	90.37	-10.26	91.75	92.32	96
L _{Ma}	50.9	-62.83	34.96	71.91	151
C _{Ma}	58.62	-30.34	-45.01	54.3	236
V _{Ma}	25.72	31.1	-44.4	54.22	305
M _{Ma}	48.13	75.28	-8.36	75.74	354
N _{Ma}	18.01	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
R _{CIE}	39.92	58.66	26.98	64.57	25
J _{CIE}	81.26	-2.16	67.76	67.79	92
G _{CIE}	52.23	-42.25	11.76	43.87	164
B _{CIE}	30.57	1.15	-46.84	46.86	271

%Regularität

$g^*_{H,rel} = 57$

$g^*_{C,rel} = 59$

1,00

relative Inform. Technology (IT)					
olvi3*	1.0	1.0	1.0	(1.0)	
olvi4*	0.0	0.0	0.0	(0.0)	
olvi5*	0.0	0.0	0.0	(0.0)	
olvi6*	0.0	0.0	0.0	(0.0)	
olvi7*	0.0	0.0	0.0	(0.0)	
olvi8*	0.0	0.0	0.0	(0.0)	
olvi9*	0.0	0.0	0.0	(0.0)	
olvi10*	0.0	0.0	0.0	(0.0)	
olvi11*	0.0	0.0	0.0	(0.0)	
olvi12*	0.0	0.0	0.0	(0.0)	
olvi13*	0.0	0.0	0.0	(0.0)	
olvi14*	0.0	0.0	0.0	(0.0)	
olvi15*	0.0	0.0	0.0	(0.0)	
olvi16*	0.0	0.0	0.0	(0.0)	
olvi17*	0.0	0.0	0.0	(0.0)	
olvi18*	0.0	0.0	0.0	(0.0)	
olvi19*	0.0	0.0	0.0	(0.0)	
olvi20*	0.0	0.0	0.0	(0.0)	
olvi21*	0.0	0.0	0.0	(0.0)	
olvi22*	0.0	0.0	0.0	(0.0)	
olvi23*	0.0	0.0	0.0	(0.0)	
olvi24*	0.0	0.0	0.0	(0.0)	
olvi25*	0.0	0.0	0.0	(0.0)	
olvi26*	0.0	0.0	0.0	(0.0)	
olvi27*	0.0	0.0	0.0	(0.0)	
olvi28*	0.0	0.0	0.0	(0.0)	
olvi29*	0.0	0.0	0.0	(0.0)	
olvi30*	0.0	0.0	0.0	(0.0)	
olvi31*	0.0	0.0	0.0	(0.0)	
olvi32*	0.0	0.0	0.0	(0.0)	
olvi33*	0.0	0.0	0.0	(0.0)	
olvi34*	0.0	0.0	0.0	(0.0)	
olvi35*	0.0	0.0	0.0	(0.0)	
olvi36*	0.0	0.0	0.0	(0.0)	
olvi37*	0.0	0.0	0.0	(0.0)	
olvi38*	0.0	0.0	0.0	(0.0)	
olvi39*	0.0	0.0	0.0	(0.0)	
olvi40*	0.0	0.0	0.0	(0.0)	
olvi41*	0.0	0.0	0.0	(0.0)	
olvi42*	0.0	0.0	0.0	(0.0)	
olvi43*	0.0	0.0	0.0	(0.0)	
olvi44*	0.0	0.0	0.0	(0.0)	
olvi45*	0.0	0.0	0.0	(0.0)	
olvi46*	0.0	0.0	0.0	(0.0)	
olvi47*	0.0	0.0	0.0	(0.0)	
olvi48*	0.0	0.0	0.0	(0.0)	
olvi49*	0.0	0.0	0.0	(0.0)	
olvi50*	0.0	0.0	0.0	(0.0)	
olvi51*	0.0	0.0	0.0	(0.0)	
olvi52*	0.0	0.0	0.0	(0.0)	
olvi53*	0.0	0.0	0.0	(0.0)	
olvi54*	0.0	0.0	0.0	(0.0)	
olvi55*	0.0	0.0	0.0	(0.0)	
olvi56*	0.0	0.0	0.0	(0.0)	
olvi57*	0.0	0.0	0.0	(0.0)	
olvi58*	0.0	0.0	0.0	(0.0)	
olvi59*	0.0	0.0	0.0	(0.0)	
olvi60*	0.0	0.0	0.0	(0.0)	
olvi61*	0.0	0.0	0.0	(0.0)	
olvi62*	0.0	0.0	0.0	(0.0)	
olvi63*	0.0	0.0	0.0	(0.0)	
olvi64*	0.0	0.0	0.0	(0.0)	
olvi65*	0.0	0.0	0.0	(0.0)	
olvi66*	0.0	0.0	0.0	(0.0)	
olvi67*	0.0	0.0	0.0	(0.0)	
olvi68*	0.0	0.0	0.0	(0.0)	
olvi69*	0.0	0.0	0.0	(0.0)	
olvi70*	0.0	0.0	0.0	(0.0)	
olvi71*	0.0	0.0	0.0	(0.0)	
olvi72*	0.0	0.0	0.0	(0.0)	
olvi73*	0.0	0.0	0.0	(0.0)	
olvi74*	0.0	0.0	0.0	(0.0)	
olvi75*	0.0	0.0	0.0	(0.0)	
olvi76*	0.0	0.0	0.0	(0.0)	
olvi77*	0.0	0.0	0.0	(0.0)	
olvi78*	0.0	0.0	0.0	(0.0)	
olvi79*	0.0	0.0	0.0	(0.0)	
olvi80*	0.0	0.0	0.0	(0.0)	
olvi81*	0.0	0.0	0.0	(0.0)	
olvi82*	0.0	0.0	0.0	(0.0)	
olvi83*	0.0	0.0	0.0	(0.0)	
olvi84*	0.0	0.0	0.0	(0.0)	
olvi85*	0.0	0.0	0.0	(0.0)	
olvi86*	0.0	0.0	0.0	(0.0)	
olvi87*	0.0	0.0	0.0	(0.0)	
olvi88*	0.0	0.0	0.0	(0.0)	
olvi89*	0.0	0.0	0.0	(0.0)	
olvi90*	0.0	0.0	0.0	(0.0)	
olvi91*	0.0	0.0	0.0	(0.0)	
olvi92*	0.0	0.0	0.0	(0.0)	
olvi93*	0.0	0.0	0.0	(0.0)	
olvi94*	0.0	0.0	0.0	(0.0)	
olvi95*	0.0	0.0	0.0	(0.0)	
olvi96*	0.0	0.0	0.0	(0.0)	
olvi97*	0.0	0.0	0.0	(0.0)	
olvi98*	0.0	0.0	0.0	(0.0)	
olvi99*	0.0	0.0	0.0	(0.0)	
olvi100*	0.0	0.0	0.0	(0.0)	

relative Inform. Technology (IT)					
olvi3*	0.5	0.622	0.75	(1.0)	
olvi4*	0.5	0.378	0.25	(0.0)	
olvi5*	0.75	0.872	1.0	(0.75)	
olvi6*	0.25	0.128	0.0	0.25	
standard and adapted CIELAB					
LAB*LAB	62.65	0.07	-8.62		
LAB*Lab	62.65	0.07	-8.62		
LAB*TCiH	62.3	11.18	271.4		