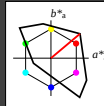


Eingabe: Farbmetrisches Fernseh-Licht-System TLS00

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

D65: Buntton O
LCH*Ma: 51 100 40
olv*Ma: 1.0 0.0 0.0

Dreiecks-Helligkeit t^*



%Umfang
 $u^*_{rel} = 158$
%Regulartät
 $g^*_{H,rel} = 20$
 $g^*_{C,rel} = 37$

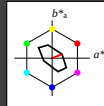
TLS00; adaptierte CIELAB-Daten					
$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
OMa 50.5	76.92	64.55	100.42	40	
YMa 92.66	-20.69	90.75	93.08	103	
LMa 83.63	-82.75	79.9	115.04	136	
CMa 86.88	-46.16	-13.55	48.12	196	
VMa 30.39	76.06	-103.59	128.52	306	
MMa57.3	94.35	-58.41	110.97	328	
NMa 0.01	0.0	0.0	0.0	0	
WMa95.41	0.0	0.0	0.0	0	
RCIE39.92	58.74	27.99	65.07	25	
JCIE 81.26	-2.88	71.56	71.62	92	
GCIE52.23	-42.41	13.6	44.55	162	
BCIE30.57	1.41	-46.46	46.49	272	

Ausgabe: Farbmetrisches Fernseh-Licht-System TLS70

für Buntton $h^* = lab^*h = 22/360 = 0.061$
 lab^*ch und lab^*nch

D65: Buntton O
LCH*Ma: 76 28 22
olv*Ma: 1.0 0.0 0.0

Dreiecks-Helligkeit t^*



%Umfang
 $u^*_{rel} = 16$
%Regulartät
 $g^*_{H,rel} = 34$
 $g^*_{C,rel} = 51$

TLS70; adaptierte CIELAB-Daten					
$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
OMa 76.43	26.27	10.57	28.32	22	
YMa 93.93	-10.76	34.63	36.27	107	
LMa 89.32	-35.8	27.64	45.24	142	
CMa 90.93	-21.95	-7.07	23.07	198	
VMa 72.1	15.76	-35.63	38.97	294	
MMa78.5	37.52	-25.23	45.22	326	
NMa 69.7	0.0	0.0	0.0	0	
WMa95.41	0.0	0.0	0.0	0	
RCIE39.92	58.74	27.99	65.07	25	
JCIE 81.26	-2.88	71.56	71.62	92	
GCIE52.23	-42.41	13.6	44.55	162	
BCIE30.57	1.41	-46.46	46.49	272	

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 0.0 0.0
 LAB*LABa 95.41 0.0 0.0
 LAB*TCHe 99.99 0.0 -
 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)
 $lab^*trj 1.0 0.0 0.0$
 $lab^*tce 1.0 0.0 -$
 $lab^*nce 0.0 0.0 -$

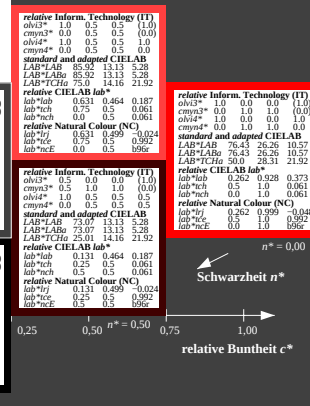
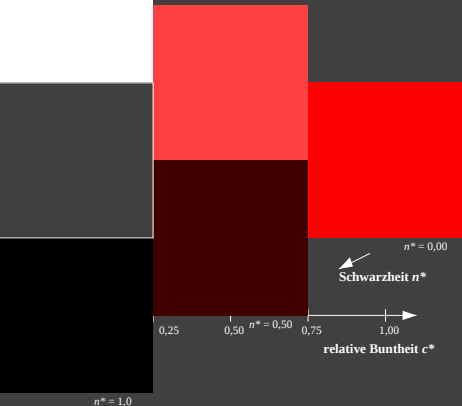
relative Inform. Technology (IT)
 $olvi3^* 1.0 0.5 0.5 (1.0)$
 $cmyn3^* 0.0 0.5 0.5 (0.0)$
 $olvi4^* 1.0 0.5 0.5 (1.0)$
 $cmyn4^* 0.0 0.5 0.5 (0.0)$
 standard and adapted CIELAB
 LAB*LAB 85.92 13.13 5.28
 LAB*LABa 85.92 13.13 5.28
 LAB*TCHe 75.0 14.16 21.92
 relative CIELAB lab*
 $lab^*lab 0.631 0.464 0.187$
 $lab^*tch 0.75 0.5 0.061$
 $lab^*nch 0.0 0.5 0.061$
 $lab^*trj 0.631 0.499 -0.024$
 $lab^*tce 0.75 0.5 0.992$
 $lab^*nce 0.0 0.5 0.999$

relative Inform. Technology (IT)
 $olvi3^* 1.0 0.0 0.0 (1.0)$
 $cmyn3^* 0.0 1.0 1.0 (0.0)$
 $olvi4^* 1.0 0.0 0.0 (1.0)$
 $cmyn4^* 0.0 1.0 1.0 (0.0)$
 standard and adapted CIELAB
 LAB*LAB 76.43 26.26 10.57
 LAB*LABa 76.43 26.26 10.57
 LAB*TCHe 50.0 28.31 21.92
 relative CIELAB lab*
 $lab^*lab 0.262 0.928 0.373$
 $lab^*tch 0.5 1.0 0.061$
 $lab^*nch 0.0 0.0 0.061$
 $lab^*trj 0.262 0.999 -0.048$
 $lab^*tce 0.5 1.0 0.992$
 $lab^*nce 0.0 1.0 0.999$

relative Inform. Technology (IT)
 $olvi3^* 0.5 0.5 0.5 (1.0)$
 $cmyn3^* 0.5 0.5 0.5 (0.0)$
 $olvi4^* 1.0 1.0 1.0 (1.0)$
 $cmyn4^* 0.0 0.0 0.0 (0.0)$
 standard and adapted CIELAB
 LAB*LAB 82.56 0.0 0.0
 LAB*LABa 82.56 0.0 0.0
 LAB*TCHe 50.0 0.0 -
 relative CIELAB lab*
 $lab^*lab 0.5 0.0 0.0$
 $lab^*tch 0.5 0.0 -$
 $lab^*nch 0.5 0.0 -$
 relative Natural Colour (NC)
 $lab^*trj 0.5 0.0 0.0$
 $lab^*tce 0.5 0.0 -$
 $lab^*nce 0.5 0.0 -$

relative Inform. Technology (IT)
 $olvi3^* 0.5 0.0 0.0 (1.0)$
 $cmyn3^* 0.5 1.0 1.0 (0.0)$
 $olvi4^* 1.0 0.5 0.5 (1.0)$
 $cmyn4^* 0.0 0.5 0.5 (0.0)$
 standard and adapted CIELAB
 LAB*LAB 73.07 13.13 5.28
 LAB*LABa 73.07 13.13 5.28
 LAB*TCHe 25.01 14.16 21.92
 relative CIELAB lab*
 $lab^*lab 0.131 0.464 0.187$
 $lab^*tch 0.25 0.5 0.061$
 $lab^*nch 0.0 0.5 0.061$
 $lab^*trj 0.131 0.499 -0.024$
 $lab^*tce 0.25 0.5 0.992$
 $lab^*nce 0.0 0.5 0.999$

relative Inform. Technology (IT)
 $olvi3^* 0.5 0.0 0.0 (1.0)$
 $cmyn3^* 0.5 1.0 1.0 (0.0)$
 $olvi4^* 1.0 0.5 0.5 (1.0)$
 $cmyn4^* 0.0 0.5 0.5 (0.0)$
 standard and adapted CIELAB
 LAB*LAB 69.7 0.0 0.0
 LAB*LABa 69.7 0.0 0.0
 LAB*TCHe 0.01 0.0 -
 relative CIELAB lab*
 $lab^*lab 0.0 0.0 0.0$
 $lab^*tch 0.0 0.0 -$
 $lab^*nch 0.0 0.0 -$
 relative Natural Colour (NC)
 $lab^*trj 0.0 0.0 0.0$
 $lab^*tce 0.0 0.0 -$
 $lab^*nce 1.0 0.0 -$



Siehe ähnliche Dateien: <http://www.ps.bam.de/NG03/>
Technische Information: <http://www.ps.bam.de> Version 2.1, io=1.1, CIELAB

BAM-Registrierung: 20060101-NG03/10S/03G00F1.PS/TXT BAM-Material-Code=matda
Anwendung für Beurteilung und Messung von Drucker- oder Monitorssystemen
NG03/10S/03G00F1, Seite 11, Seite 1

NG030-7, 3 stufige Reihen für konstanten CIELAB Buntton 40/360 = 0.111 (links)

3 stufige Reihen für konstanten CIELAB Buntton 22/360 = 0.061 (rechts)

BAM-Prüfvorlage NG03; Farbmetrik-Systeme TLS00 & TLS70 input: $olv^* setrgbcolor$
D65: 3stufige Farbreihen und Koordinatendaten für 10 Bunttöne output: $olv^* setrgbcolor / w^* setgray$