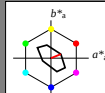


Eingabe: Farbmetrisches Fernseh-Licht-System TLS70

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^*	a^*	b^*	C^*_{ab}	h^*_{ab}	
O _{Ma} 76.43	26.27	10.57	28.32	22	
Y _{Ma} 93.93	-10.76	34.63	36.27	107	
L _{Ma} 89.32	-35.8	27.64	45.24	142	
C _{Ma} 79.3	-21.95	-7.07	23.07	198	
V _{Ma} 92.1	15.76	-35.63	38.97	294	
M _{Ma} 78.5	37.52	-25.23	45.22	326	
N _{Ma} 69.7	0.0	0.0	0.0	0	
W _{Ma} 95.41	0.0	0.0	0.0	0	
RC _{IE} 39.92	58.74	27.99	65.07	25	
J _{CI} 81.26	-2.88	71.56	71.62	92	
G _{CI} 52.23	-42.41	13.6	44.55	162	
BC _{IE} 30.57	1.41	-46.46	46.49	272	

Ausgabe: 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^*	a^*	b^*	C^*_{ab}	h^*_{ab}	
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	
V _{Ma} 86.88	-46.16	-13.55	48.12	196	
M _{Ma} 30.39	76.06	-103.59	128.52	306	
N _{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	
RC _{IE} 39.92	58.74	27.99	65.07	25	
J _{CI} 81.26	-2.88	71.56	71.62	92	
G _{CI} 52.23	-42.41	13.6	44.55	162	
BC _{IE} 30.57	1.41	-46.46	46.49	272	

relative Inform. Technology (IT)					
olv3*	1.0	1.0	1.0	(1.0)	
cmyn3*	0.0	0.0	0.0	(0.0)	
olv4*	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*Lab	95.41	0.0	0.0		
LAB*TChe	99.99	0.01	-		
relative CIELAB lab*					
lab*lab	1.0	0.0	0.0		
lab*ch	1.0	0.0	-		
lab*nch	0.0	0.0	-		
relative Natural Colour (NC)					
lab*lrj	1.0	0.0	0.0		
lab*tc	1.0	0.0	-		
lab*nc	0.0	0.0	-		

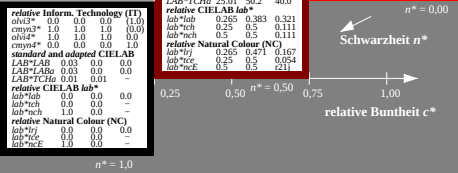
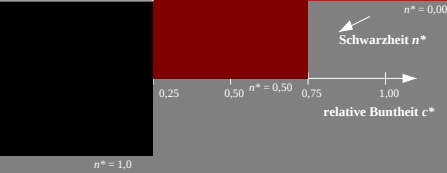
relative Inform. Technology (IT)					
olv3*	1.0	0.5	0.5	(1.0)	
cmyn3*	0.0	0.5	0.5	(0.0)	
olv4*	1.0	0.5	0.5	1.0	
cmyn4*	0.0	0.5	0.5	0.0	
standard and adapted CIELAB					
LAB*LAB	72.95	38.45	32.27		
LAB*Lab	72.95	38.45	32.27		
LAB*TChe	75.0	50.2	40.0		
relative CIELAB lab*					
lab*lab	0.765	0.383	0.321		
lab*ch	0.75	0.5	0.111		
lab*nch	0.0	0.5	0.111		
relative Natural Colour (NC)					
lab*lrj	0.765	0.471	0.167		
lab*tc	0.75	0.5	0.054		
lab*nc	0.0	0.5	0.121		

relative Inform. Technology (IT)					
olv3*	1.0	0.0	0.0	(1.0)	
cmyn3*	0.0	1.0	1.0	(0.0)	
olv4*	1.0	0.0	0.0	1.0	
cmyn4*	0.0	1.0	1.0	0.0	
standard and adapted CIELAB					
LAB*LAB	50.5	76.9	64.54		
LAB*Lab	50.5	76.9	64.54		
LAB*TChe	50.0	100.4	40.0		
relative CIELAB lab*					
lab*lab	0.529	0.766	0.643		
lab*ch	0.5	1.0	0.111		
lab*nch	0.0	1.0	0.111		
relative Natural Colour (NC)					
lab*lrj	0.529	0.942	0.325		
lab*tc	0.5	1.0	0.054		
lab*nc	0.0	1.0	0.121		

relative Inform. Technology (IT)					
olv3*	0.5	0.5	0.5	(1.0)	
cmyn3*	0.5	0.5	0.5	(0.0)	
olv4*	1.0	1.0	1.0	0.5	
cmyn4*	0.0	0.0	0.0	0.5	
standard and adapted CIELAB					
LAB*LAB	47.72	0.0	0.0		
LAB*Lab	47.72	0.0	0.0		
LAB*TChe	50.0	0.01	-		
relative CIELAB lab*					
lab*lab	0.5	0.0	0.0		
lab*ch	0.5	0.0	-		
lab*nch	0.5	0.0	-		
relative Natural Colour (NC)					
lab*lrj	0.5	0.0	0.0		
lab*tc	0.5	0.0	-		
lab*nc	0.5	0.0	-		

relative Inform. Technology (IT)					
olv3*	0.5	0.0	0.0	(1.0)	
cmyn3*	0.5	1.0	1.0	(0.0)	
olv4*	1.0	0.5	0.5	0.5	
cmyn4*	0.0	0.5	0.5	0.5	
standard and adapted CIELAB					
LAB*LAB	25.26	38.45	32.27		
LAB*Lab	25.26	38.45	32.27		
LAB*TChe	25.01	50.2	40.0		
relative CIELAB lab*					
lab*lab	0.265	0.383	0.321		
lab*ch	0.25	0.5	0.111		
lab*nch	0.0	0.5	0.111		
relative Natural Colour (NC)					
lab*lrj	0.265	0.471	0.167		
lab*tc	0.25	0.5	0.054		
lab*nc	0.5	0.5	0.121		

relative Inform. Technology (IT)					
olv3*	0.0	0.0	0.0	(1.0)	
cmyn3*	1.0	1.0	1.0	(0.0)	
olv4*	1.0	1.0	1.0	1.0	
cmyn4*	0.0	0.0	0.0	0.0	
standard and adapted CIELAB					
LAB*LAB	0.03	0.0	0.0		
LAB*Lab	0.03	0.0	0.0		
LAB*TChe	0.01	0.01	-		
relative CIELAB lab*					
lab*lab	0.0	0.0	0.0		
lab*ch	0.0	0.0	-		
lab*nch	0.0	0.0	-		
relative Natural Colour (NC)					
lab*lrj	0.0	0.0	0.0		
lab*tc	0.0	0.0	-		
lab*nc	1.0	0.0	-		



NG080-7, 3 stufige Reihen für konstanten CIELAB Buntton 22/360 = 0.061 (links)

3 stufige Reihen für konstanten CIELAB Buntton 40/360 = 0.111 (rechts)

BAM-Prüfvorlage NG08; Farbmetrik-Systeme TLS70 & TLS00 input: olv*setrgcolor
D65: 3stufige Farbreihen und Koordinatendaten für 10 Bunttöne output: no change compared to input