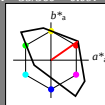


Eingabe: Farbmetrisches Fernseh-Licht-System TLS18

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

D65: Buntton O
LCH*Ma: 53 87 35
olv*Ma: 1.0 0.0 0.0

Dreiecks-Helligkeit t^*



%Umfang
 $u^*_{rel} = 118$
%Regulartät
 $g^*_{H,rel} = 22$
 $g^*_{C,rel} = 40$

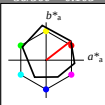
TLS18; adaptierte CIELAB-Daten					
L^*	a^*	b^*	$C^*_{ab,a}$	$h^*_{ab,a}$	
Q _{Ma} 52.76	71.63	49.88	87.29	35	
Y _{Ma} 92.74	-20.02	84.97	87.3	103	
L _{Ma} 84.0	-78.98	73.94	108.2	137	
C _{Ma} 87.14	-44.41	-13.11	46.32	196	
V _{Ma} 35.47	64.92	-95.06	115.12	304	
M _{Ma} 59.01	89.33	-55.67	105.26	328	
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	58.74	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	

Ausgabe: Farbmetrisches Offset-Reflektiv-System ORS18

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

D65: Buntton O
LCH*Ma: 53 88 38
olv*Ma: 1.0 0.0 0.0

Dreiecks-Helligkeit t^*



%Umfang
 $u^*_{rel} = 93$
%Regulartät
 $g^*_{H,rel} = 57$
 $g^*_{C,rel} = 59$

ORS18; adaptierte CIELAB-Daten					
L^*	a^*	b^*	$C^*_{ab,a}$	$h^*_{ab,a}$	
Q _{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	

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 ₀	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*lrce	1.0	0.0	-		
lab*lrce	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	71.67	32.15	28.41		
LAB*LAB ₀	71.67	32.15	28.41		
LAB*TChe	75.0	41.31	37.69		
relative CIELAB lab*					
lab*lab	0.693	0.396	0.306		
lab*ch	0.75	0.5	0.105		
lab*nch	0.0	0.5	0.105		
lab*lrj	0.693	0.477	0.15		
lab*lrce	0.75	0.5	0.048		
lab*lrce	0.0	0.5	0.193		

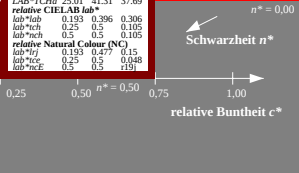
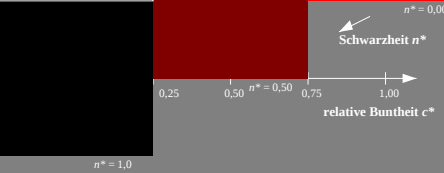
relative Inform. Technology (IT)					
olvi3*	1.0	0.0	0.0	(1.0)	
cmyn3*	0.0	1.0	1.0	(0.0)	
olvi4*	1.0	0.0	0.0	(1.0)	
cmyn4*	0.0	1.0	1.0	(0.0)	
standard and adapted CIELAB					
LAB*LAB	47.94	65.3	52.06		
LAB*LAB ₀	47.94	65.37	50.51		
LAB*TChe	50.0	82.61	37.69		
relative CIELAB lab*					
lab*lab	0.387	0.791	0.611		
lab*ch	0.5	1.0	0.105		
lab*nch	0.0	1.0	0.105		
relative Natural Colour (NC)					
lab*lrj	0.387	0.954	0.299		
lab*lrce	0.5	1.0	0.048		
lab*lrce	0.0	1.0	0.193		

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 ₀	56.71	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	0.0		
lab*nch	0.5	0.0	-		
relative Natural Colour (NC)					
lab*lrj	0.5	0.0	0.0		
lab*lrce	0.5	0.0	-		
lab*lrce	0.5	0.0	-		

relative Inform. Technology (IT)					
olvi3*	0.0	0.0	0.0	(0.0)	
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 ₀	18.02	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	0.0		
lab*nch	0.0	1.0	-		
relative Natural Colour (NC)					
lab*lrj	0.0	0.0	0.0		
lab*lrce	0.0	0.0	-		
lab*lrce	1.0	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	0.5	
cmyn4*	0.0	0.5	0.5	0.5	
standard and adapted CIELAB					
LAB*LAB	32.98	32.9	25.8		
LAB*LAB ₀	32.98	32.69	25.25		
LAB*TChe	25.01	41.31	37.69		
relative CIELAB lab*					
lab*lab	0.193	0.396	0.306		
lab*ch	0.25	0.5	0.105		
lab*nch	0.0	0.5	0.105		
relative Natural Colour (NC)					
lab*lrj	0.193	0.477	0.15		
lab*lrce	0.25	0.5	0.048		
lab*lrce	0.0	0.5	0.193		

relative Inform. Technology (IT)					
olvi3*	0.0	0.0	0.0	(0.0)	
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 ₀	18.02	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	0.0		
lab*nch	0.0	1.0	-		
relative Natural Colour (NC)					
lab*lrj	0.0	0.0	0.0		
lab*lrce	0.0	0.0	-		
lab*lrce	1.0	0.0	-		



NG060-7, 3 stufige Reihen für konstanten CIELAB Buntton 35/360 = 0.097 (links)

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

BAM-Prüfvorlage NG06; Farbmetrik-Systeme TLS18 & ORS18 input: `olv* setrgbcolor`
D65: 3stufige Farbreihen und Koordinatendaten für 10 Bunttöne output: `olv* setrgbcolor / w* setgray`