

Eingabe: Farbmetrisches Fernseh-Licht-System TLS00

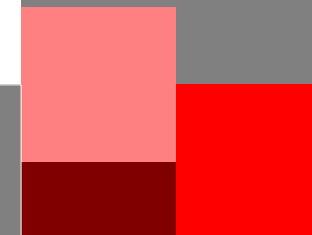
für Buntton $h^* = lab^*h = 40/360 = 0.111$
 lab^*ch und lab^*nch

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

Dreiecks-Helligkeit t^*

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	

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



Schwarzheit n^*

relative Buntheit c^*

$n^* = 1.0$

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: 48 83 38
olv*Ma: 1.0 0.0 0.0

Dreiecks-Helligkeit t^*

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*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*trc	1.0	0.0	-		
lab*ncE	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*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*trc	0.5	0.0	-		
lab*ncE	0.5	0.0	-		

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

OMa 47.94	65.39	50.52	82.63	38	
YMa 90.37	-10.26	91.75	92.32	96	
LMa 50.9	-62.03	34.96	71.91	151	
CMa 58.62	-30.34	-45.01	54.3	236	
VMa 25.72	31.1	-44.4	54.22	305	
MMa48.13	75.28	-8.36	75.74	354	
NMa 18.01	0.0	0.0	0.0	0	
WMa95.41	0.0	0.0	0.0	0	
RCIE39.92	58.66	26.98	64.57	25	
JCIE 81.26	-2.16	67.76	67.79	92	
GCIE52.23	-42.25	11.76	43.87	164	
BCIE30.57	1.15	-46.84	46.86	271	

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

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	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		

relative Natural Colour (NC)					
lab*lrj	0.693	0.477	0.15		
lab*trc	0.75	0.5	0.048		
lab*ncE	0.0	0.5	0.195		

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	32.69	25.25		
LAB*Lab	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*trc	0.25	0.5	0.048		
lab*ncE	0.0	0.5	0.195		

Schwarzheit n^*

relative Buntheit c^*

$n^* = 1.0$

BAM-Prüfvorlage NG05; Farbmetrik-Systeme TLS00 & ORS18 input: $olv^*setrgbcolor$
D65: 3stufige Farbreihen und Koordinatendaten für 10 Bunttöne output: $olv^*setrgbcolor / w^*setgray$