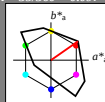


Eingabe: Farbmetrisches Fernseh-Licht-System TLS18

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
 $g^*_{H,rel} = 22$
 $g^*_{C,rel} = 40$

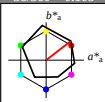
TLS18; adaptierte CIELAB-Daten					
$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
O _{Ma} 52.76	71.63	49.88	87.29	35	
Y _{Ma} 92.74	-20.02	84.97	87.3	103	
L _{Ma} 84.0	-78.98	73.94	108.2	137	
C _{Ma} 87.14	-44.41	-13.11	46.32	196	
V _{Ma} 35.47	64.92	-95.06	115.12	304	
MM ₅₉ 89.31	89.33	-55.67	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: 48 83 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					
$L^* = L^*_a$	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	
N _{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)					
olv3*	1.0	1.0	1.0	(1.0)	
cmv3*	0.0	0.0	0.0	(0.0)	
olv4*	1.0	1.0	1.0	1.0	
cmv4*	0.0	0.0	0.0	0.0	
standard and adapted CIELAB					
LAB*LAB	95.41	0.0	4.75		
LAB*LAB _a	95.41	0.0	0.0		
LAB*TC _{Ma}	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*lr	1.0	0.0	-		
lab*ncE	0.0	0.0	-		

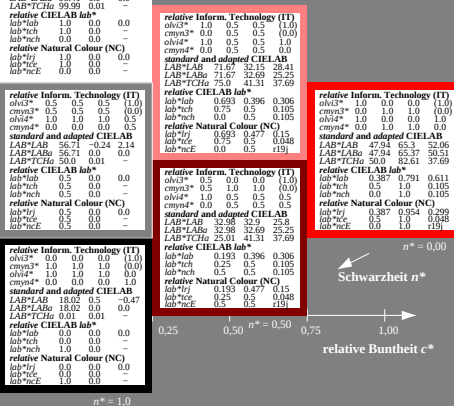
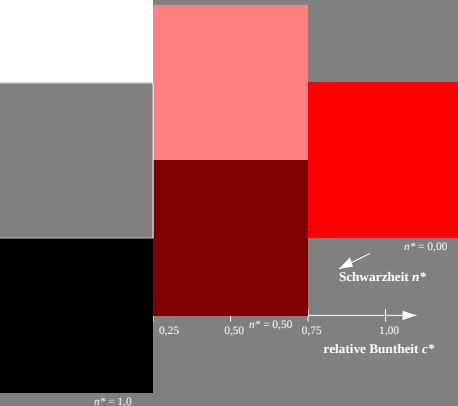
relative Inform. Technology (IT)					
olv3*	1.0	0.5	0.5	(1.0)	
cmv3*	0.0	0.5	0.5	(0.0)	
olv4*	1.0	0.5	0.5	1.0	
cmv4*	0.0	0.5	0.5	0.0	
standard and adapted CIELAB					
LAB*LAB	71.67	32.15	28.41		
LAB*LAB _a	71.67	32.15	28.41		
LAB*TC _{Ma}	75.0	41.31	37.69		
relative CIELAB lab*					
lab*lab	0.693	0.396	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*lr	0.75	0.5	0.048		
lab*ncE	0.0	0.5	0.195		

relative Inform. Technology (IT)					
olv3*	1.0	0.0	0.0	(1.0)	
cmv3*	0.0	0.0	0.0	(0.0)	
olv4*	1.0	0.0	0.0	1.0	
cmv4*	0.0	0.0	0.0	0.0	
standard and adapted CIELAB					
LAB*LAB	47.94	65.3	52.06		
LAB*LAB _a	47.94	65.37	50.51		
LAB*TC _{Ma}	50.0	82.61	37.69		
relative CIELAB lab*					
lab*lab	0.387	0.791	0.611		
lab*ch	0.387	0.954	0.299		
lab*nch	0.0	1.0	0.105		
lab*lrj	0.387	0.954	0.299		
lab*lr	0.387	0.954	0.299		
lab*ncE	0.0	1.0	0.195		

relative Inform. Technology (IT)					
olv3*	0.5	0.5	0.5	(1.0)	
cmv3*	0.5	0.5	0.5	(0.0)	
olv4*	1.0	1.0	1.0	1.0	
cmv4*	0.0	0.0	0.0	0.5	
standard and adapted CIELAB					
LAB*LAB	56.71	-0.24	2.14		
LAB*LAB _a	56.71	0.0	0.0		
LAB*TC _{Ma}	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*lr	0.5	0.0	-		
lab*ncE	0.5	0.0	-		

relative Inform. Technology (IT)					
olv3*	0.5	0.0	0.0	(1.0)	
cmv3*	0.5	1.0	1.0	(0.0)	
olv4*	1.0	0.5	0.5	1.0	
cmv4*	0.0	0.5	0.5	0.5	
standard and adapted CIELAB					
LAB*LAB	32.98	32.9	25.8		
LAB*LAB _a	32.98	32.69	25.25		
LAB*TC _{Ma}	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*lr	0.25	0.5	0.048		
lab*ncE	0.5	0.5	0.195		

relative Inform. Technology (IT)					
olv3*	0.0	0.0	0.0	(1.0)	
cmv3*	0.0	0.0	0.0	(0.0)	
olv4*	1.0	0.0	0.0	1.0	
cmv4*	0.0	0.0	0.0	0.0	
standard and adapted CIELAB					
LAB*LAB	18.02	0.5	-0.47		
LAB*LAB _a	18.02	0.0	0.0		
LAB*TC _{Ma}	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*lr	0.0	0.0	-		
lab*ncE	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*setrgcolor
D65: 3stufige Farbreihen und Koordinatendaten für 10 Bunttöne output: no change compared to input

Siehe ähnliche Dateien: <http://www.ps.bam.de/NG06/>
Technische Information: <http://www.ps.bam.de> Version 2.1, io=1,1

BAM-Registrierung: 20060101-NG06/L06G00N1.PS/TEXT
Anwendung für Beurteilung und Messung von Drucker- oder Monitorssystemen
NG060 Form 1/0, Seite 1/1, Seite 1
BAM-Material: Code=matda
Seite 1