

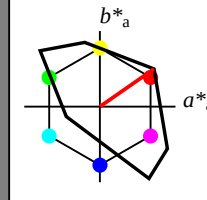
Eingabe: Farbmetrisches Fernseh-Licht-System TLS18

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

 $u^*_{rel} = 118$

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*LABa 95.41 0.0 0.0

LAB*LABb 95.41 0.0 0.0

LAB*LABc 95.41 0.0 0.0

LAB*LABd 95.41 0.0 0.0

LAB*LABe 95.41 0.0 0.0

LAB*LABf 95.41 0.0 0.0

LAB*LABg 95.41 0.0 0.0

LAB*LABh 95.41 0.0 0.0

LAB*LABi 95.41 0.0 0.0

LAB*LABj 95.41 0.0 0.0

LAB*LABk 95.41 0.0 0.0

LAB*LABl 95.41 0.0 0.0

LAB*LABm 95.41 0.0 0.0

LAB*LABn 95.41 0.0 0.0

LAB*LABo 95.41 0.0 0.0

LAB*LABp 95.41 0.0 0.0

LAB*LABq 95.41 0.0 0.0

LAB*LABr 95.41 0.0 0.0

LAB*LABs 95.41 0.0 0.0

LAB*LABt 95.41 0.0 0.0

LAB*LABu 95.41 0.0 0.0

LAB*LABv 95.41 0.0 0.0

LAB*LABw 95.41 0.0 0.0

LAB*LABx 95.41 0.0 0.0

LAB*LABy 95.41 0.0 0.0

LAB*LABz 95.41 0.0 0.0

relative Inform. Technology (IT)

olv3* 1.0 0.75 0.75 (1.0)

cmyn3* 0.0 0.25 0.25 (0.0)

olv4* 1.0 0.75 0.75 (1.0)

cmyn4* 0.0 0.25 0.25 (0.0)

standard and adapted CIELAB

LAB*LAB 84.74 17.9 12.47

LAB*LABa 84.74 17.9 12.47

LAB*LABb 84.74 17.9 12.47

LAB*LABc 84.74 17.9 12.47

LAB*LABd 84.74 17.9 12.47

LAB*LABe 84.74 17.9 12.47

LAB*LABf 84.74 17.9 12.47

LAB*LABg 84.74 17.9 12.47

LAB*LABh 84.74 17.9 12.47

LAB*LABi 84.74 17.9 12.47

LAB*LABj 84.74 17.9 12.47

LAB*LABk 84.74 17.9 12.47

LAB*LABl 84.74 17.9 12.47

LAB*LABm 84.74 17.9 12.47

LAB*LABn 84.74 17.9 12.47

LAB*LABo 84.74 17.9 12.47

LAB*LABp 84.74 17.9 12.47

LAB*LABq 84.74 17.9 12.47

LAB*LABr 84.74 17.9 12.47

LAB*LABs 84.74 17.9 12.47

LAB*LABt 84.74 17.9 12.47

LAB*LABu 84.74 17.9 12.47

LAB*LABv 84.74 17.9 12.47

LAB*LABw 84.74 17.9 12.47

LAB*LABx 84.74 17.9 12.47

LAB*LABy 84.74 17.9 12.47

LAB*LABz 84.74 17.9 12.47

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
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

%Regularität

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

relative Inform. Technology (IT)

olv3* 0.75 0.75 0.75 (1.0)

cmyn3* 0.25 0.25 0.25 (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 76.07 0.0 0.0

LAB*LABa 76.07 0.0 0.0

LAB*LABb 76.07 0.0 0.0

LAB*LABc 76.07 0.0 0.0

LAB*LABd 76.07 0.0 0.0

LAB*LABe 76.07 0.0 0.0

LAB*LABf 76.07 0.0 0.0

LAB*LABg 76.07 0.0 0.0

LAB*LABh 76.07 0.0 0.0

LAB*LABi 76.07 0.0 0.0

LAB*LABj 76.07 0.0 0.0

LAB*LABk 76.07 0.0 0.0

LAB*LABl 76.07 0.0 0.0

LAB*LABm 76.07 0.0 0.0

LAB*LABn 76.07 0.0 0.0

LAB*LABo 76.07 0.0 0.0

LAB*LABp 76.07 0.0 0.0

LAB*LABq 76.07 0.0 0.0

LAB*LABr 76.07 0.0 0.0

LAB*LABs 76.07 0.0 0.0

LAB*LABt 76.07 0.0 0.0

LAB*LABu 76.07 0.0 0.0

LAB*LABv 76.07 0.0 0.0

LAB*LABw 76.07 0.0 0.0

LAB*LABx 76.07 0.0 0.0

LAB*LABy 76.07 0.0 0.0

LAB*LABz 76.07 0.0 0.0

relative Inform. Technology (IT)

olv3* 0.75 0.5 0.5 (1.0)

cmyn3* 0.25 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 65.4 17.91 12.47

LAB*LABa 65.4 17.91 12.47

LAB*LABb 65.4 17.91 12.47

LAB*LABc 65.4 17.91 12.47

LAB*LABd 65.4 17.91 12.47

LAB*LABe 65.4 17.91 12.47

LAB*LABf 65.4 17.91 12.47

LAB*LABg 65.4 17.91 12.47

LAB*LABh 65.4 17.91 12.47

LAB*LABi 65.4 17.91 12.47

LAB*LABj 65.4 17.91 12.47

LAB*LABk 65.4 17.91 12.47

LAB*LABl 65.4 17.91 12.47

LAB*LABm 65.4 17.91 12.47

LAB*LABn 65.4 17.91 12.47

LAB*LABo 65.4 17.91 12.47

LAB*LABp 65.4 17.91 12.47

LAB*LABq 65.4 17.91 12.47

LAB*LABr 65.4 17.91 12.47

LAB*LABs 65.4 17.91 12.47

LAB*LABt 65.4 17.91 12.47

LAB*LABu 65.4 17.91 12.47

LAB*LABv 65.4 17.91 12.47

LAB*LABw 65.4 17.91 12.47

LAB*LABx 65.4 17.91 12.47

LAB*LABy 65.4 17.91 12.47

LAB*LABz 65.4 17.91 12.47

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 49.08 35.81 24.94

LAB*LABa 49.08 35.81 24.94

LAB*LABb 49.08 35.81 24.94

LAB*LABc 49.08 35.81 24.94

LAB*LABd 49.08 35.81 24.94

LAB*LABe 49.08 35.81 24.94

LAB*LABf 49.08 35.81 24.94

LAB*LABg 49.08 35.81 24.94

LAB*LABh 49.08 35.81 24.94

LAB*LABi 49.08 35.81 24.94

LAB*LABj 49.08 35.81 24.94

LAB*LABk 49.08 35.81 24.94

LAB*LABl 49.08 35.81 24.94

LAB*LABm 49.08 35.81 24.94

LAB*LABn 49.08 35.81 24.94

LAB*LABo 49.08 35.81 24.94

LAB*LABp 49.08 35.81 24.94

LAB*LABq 49.08 35.81 24.94

LAB*LABr 49.08 35.81 24.94

LAB*LABs 49.08 35.81 24.94

LAB*LABt 49.08 35.81 24.94

LAB*LABu 49.08 35.81 24.94

LAB*LABv 49.08 35.81 24.94

LAB*LABw 49.08 35.81 24.94

LAB*LABx 49.08 35.81 24.94

LAB*LABy 49.08 35.81 24.94

LAB*LABz 49.08 35.81 24.94

relative Inform. Technology (IT)

olv3* 1.0 0.25 0.25 (1.0)

cmyn3* 0.0 0.25 0.25 (0.0)

olv4* 1.0 0.25 0.25 (1.0)

cmyn4* 0.0 0.25 0.25 (0.0)

standard and adapted CIELAB

LAB*LAB 32.72 37.41

LAB*LABa 32.72 37.41

LAB*LABb 32.72 37.41

LAB*LABc 32.72 37.41

LAB*LABd 32.72 37.41

LAB*LABe 32.72 37.41

LAB*LABf 32.72 37.41

LAB*LABg 32.72 37.41

LAB*LABh 32.72 37.41

LAB*LABi 32.72 37.41

LAB*LABj 32.72 37.41

LAB*LABk 32.72 37.41

LAB*LABl 32.72 37.41

LAB*LABm 32.72 37.41

LAB*LABn 32.72 37.41

LAB*LABo 32.72 37.41

LAB*LABp 32.72 37.41

LAB*LABq 32.72 37.41

LAB*LABr 32.72 37.41

LAB*LABs 32.72 37.41

LAB*LABt 32.72 37.41

LAB*LABu 32.72 37.41

LAB*LABv 32.72 37.41

LAB*LABw 32.72 37.41

LAB*LABx 32.72 37.41

LAB*LABy 32.72 37.41

LAB*LABz 32.72 37.41

relative Inform. Technology (IT)

olv3* 0.75 0.75 0.75 (1.0)

cmyn3* 0.25 0.25 0.25 (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 76.06 -0.61 3.44

LAB*LABa 76.06 -0.61 3.44

LAB*LABb 76.06 -0.61 3.44

LAB*LABc 76.06 -0.61 3.44

LAB*LABd 76.06 -0.61 3.44

LAB*LABe 76.06 -0.61 3.44

LAB*LABf 76.06 -0.61 3.44

LAB*LABg 76.06 -0.61 3.44

LAB*LABh 76.06 -0.61 3.44

LAB*LABi 76.06 -0.61 3.44

LAB*LABj 76.06 -0.61 3.44

LAB*LABk 76.06 -0.61 3.44

LAB*LABl 76.06 -0.61 3.44

LAB*LABm 76.06 -0.61 3.44

LAB*LABn 76.06 -0.61 3.44

LAB*LABo 76.06 -0.61 3.44

LAB*LABp 76.06 -0.61 3.44

LAB*LABq 76.06 -0.61 3.44

LAB*LABr 76.06 -0.61 3.44

LAB*LABs 76.06 -0.61 3.44

LAB*LABt 76.06 -0.61 3.44

LAB*LABu 76.06 -0.61 3.44

LAB*LABv 76.06 -0.61 3.44

LAB*LABw 76.06 -0.61 3.44

LAB*LABx 76.06 -0.61 3.44

LAB*LABy 76.06 -0.61 3.44

LAB*LABz 76.06 -0.61 3.44

relative Inform. Technology (IT)

olv3* 0.75 0.5 0.5 (1.0)

cmyn3* 0.25 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 56.71 16.35 12.63

LAB*LABa 56.71 16.35 12.63

LAB*LABb 56.71 16.35 12.63

LAB*LABc 56.71 16.35 12.63

LAB*LABd 56.71 16.35 12.63

LAB*LABe 56.71 16.35 12.63

LAB*LABf 56.71 16.35 12.63

LAB*LABg 56.71 16.35 12.63

LAB*LABh 56.71 16.35 12.63

LAB*LABi 56.71 16.35 12.63

LAB*LABj 56.71 16.35 12.63

LAB*LABk 56.71 16.35 12.63

LAB*LABl 56.71 16.35 12.63

LAB*LABm 56.71 16.35 12.63

LAB*LABn 56.71 16.35 12.63

LAB*LABo 56.71 16.35 12.63

LAB*LABp 56.71 16.35 12.63

LAB*LABq 56.71 16.35 12.63

LAB*LABr 56.71 16.35 12.63

LAB*LABs 56.71 16.35 12.63

LAB*LABt 56.71 16.35 12.63

LAB*LABu 56.71 16.35 12.63

LAB*LABv 56.71 16.35 12.63

LAB*LABw 56.71 16.35 12.63

LAB*LABx 56.71 16.35 12.63

LAB*LABy 56.71 16.35 12.63

LAB*LABz 56.71 16.35 12.63

relative Inform. Technology (IT)

olv3* 0.75 0.25 0.25 (1.0)

cmyn3* 0.25 0.25 0.25 (0.0)

olv4* 1.0 0.25 0.25 (1.0)

cmyn4* 0.0 0.25 0.25 (0.0)

standard and adapted CIELAB

LAB*LAB 32.33 32.53 28.41

LAB*LABa 32.33 32.53 28.41

LAB*LABb 32.33 32.53 28.41

LAB*LABc 32.33 32.53 28.41

LAB*LABd 32.33 32.53 28.41

LAB*LABe 32.33 32.53 28.41

LAB*LABf 32.33 32.53 28.41

LAB*LABg 32.33 32.53 28.41

LAB*LABh 32.33 32.53 28.41

LAB*LABi 32.33 32.53 28.41

LAB*LABj 32.33 32.53 28.41

LAB*LABk 32.33 32.53 28.41

LAB*LABl 32.33 32.53 28.41

LAB*LABm 32.33 32.53 28.41

LAB*LABn 32.33 32.53 28.41

LAB*LABo 32.33 32.53 28.41

LAB*LABp 32.33 32.53 28.41

LAB*LABq 32.33 32.53 28.41

LAB*LABr 32.33 32.53 28.41

LAB*LABs 32.33 32.53 28.41

LAB*LABt 32.33 32.53 28.41

LAB*LABu 32.33 32.53 28.41

LAB*LABv 32.33 32.53 28.41

LAB*LABw 32.33 32.53 28.41

LAB*LABx 32.33 32.53 28.41

LAB*LABy 32.33 32.53 28.41

LAB*LABz 32.33 32.53 28.41

relative Inform. Technology (IT)

olv3* 0.75 0.25 0.25 (1.0)

cmyn3* 0.25 0.25 0.25 (0.0)

olv4* 1.0 0.25 0.25 (1.0)

cmyn4* 0.0 0.25 0.25 (0.0)

standard and adapted CIELAB

LAB*LAB 59.8 48.73 40.24

LAB*LABa 59.8 48.73 40.24

LAB*LABb 59.8 48.73 40.24

LAB*LABc 59.8 48.73 40.24

LAB*LABd 59.8 48.73 40.24

LAB*LABe 59.8 48.73 40.24

LAB*LABf 59.8 48.73 40.24

LAB*LABg 59.8 48.73 40.24

LAB*LABh 59.8 48.73 40.24

LAB*LABi 59.8 48.73 40.24

LAB*LABj 59.8 48.73 40.24

LAB*LABk 59.8 48.73 40.24

LAB*LABl 59.8 48.73 40.24

LAB*LABm 59.8 48.73 40.24

LAB*LABn 59.8 48.73 40.24

LAB*LABo 59.8 48.73 40.24

LAB*LABp 59.8 48.73 40.24

LAB*LABq 59.8 48.73 40.24

LAB*LABr 59.8 48.73 40.24

LAB*LABs 59.8 48.73 40.24

LAB*LABt 59.8 48.73 40.24

LAB*LABu 59.8 48.73 40.24

LAB*LABv 59.8 48.73 40.24

LAB*LABw 59.8 48.73 40.24

LAB*LABx 59.8 48.73 40.24

LAB*LABy 59.8 48.73 40.24

LAB*LABz 59.8 48.73 40.24

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 47.94 65.3 52.06

LAB*LABa 47.94 65.3 52.06

LAB*LABb 47.94 65.3 52.06

LAB*LABc 47.94 65.3 52.06

LAB*LABd 47.94 65.3 52.06

LAB*LABe 47.94 65.3 52.06

LAB*LABf 47.94 65.3 52.06

LAB*LABg 47.94 65.3 52.06

LAB*LABh 47.94 65.3 52.06

LAB*LABi 47.94 65.3 52.06

LAB*LABj 47.94 65.3 52.06

LAB*LABk 47.94 65.3 52.06

LAB*LABl 47.94 65.3 52.06

LAB*LABm 47.94 65.3 52.06

LAB*LABn 47.94 65.3 52.06

LAB*LABo 47.94 65.3 52.06

LAB*LABp 47.94 65.3 52.06

LAB*LABq 47.94 65.3 52.06

LAB*LABr 47.94 65.3 52.06

LAB*LABs 47.94 65.3 52.06

LAB*LABt 47.94 65.3 52.06

LAB*LABu 47.94 65.3 52.06

LAB*LABv 47.94 65.3 52.06

LAB*LABw 47.94 65.3 52.06

LAB*LABx 47.94 65.3 52.06

LAB*LABy 47.94 65.3 52.06

LAB*LABz 47.94 65.3 52.06

relative Inform. Technology (IT)

olv3* 0.75 0.25 0.25 (1.0)

cmyn3* 0.25 0.25 0.25 (0.0)

olv4* 1.0 0.25 0.25 (1.0)

cmyn4* 0.0 0.25 0.25 (0.0)

standard and adapted CIELAB

LAB*LAB 56.72 0.0 0.0

LAB*LABa 56.72 0.0 0.0

LAB*LABb 56.72 0.0 0.0

LAB*LABc 56.72 0.0 0.0

LAB*LABd 56.72 0.0 0.0

LAB*LABe 56.72 0.0 0.0

LAB*LABf 56.72 0.0 0.0

LAB*LABg 56.72 0.0 0.0

LAB*LABh 56.72 0.0 0.0

LAB*LABi 56.72 0.0 0.0

LAB*LABj 56.72 0.0 0.0

LAB*LABk 56.72 0.0 0.0

LAB*LABl 56.72 0.0 0.0

LAB*LABm 56.72 0.0 0.0

LAB*LABn 56.72 0.0 0.0

LAB*LABo 56.72 0.0 0.0

LAB*LABp 56.72 0.0 0.0

LAB*LABq 56.72 0.0 0.0

LAB*LABr 56.72 0.0 0.0

LAB*LABs 56.72 0.0 0.0

LAB*LABt 56.72 0.0 0.0

LAB*LABu 56.72 0.0 0.0

LAB*LABv 56.72 0.0 0.0

LAB*LABw 56.72 0.0 0.0

LAB*LABx 56.72 0.0 0.0

LAB*LABy 56.72 0.0 0.0

LAB*LABz 56.72 0.0 0.0

relative Inform. Technology (IT)

olv3* 0.75 0.25 0.25 (1.0)

cmyn3* 0.25 0.25 0.25 (0.0)

olv4* 1.0 0.25 0.25 (1.0)

cmyn4* 0.0 0.25 0.25 (0.0)

standard and adapted CIELAB

LAB*LAB 46.05 17.91 12.47

LAB*LABa 46.05 17.91 12.47

LAB*LABb 46.05 17.91 12.47</

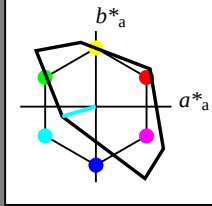
Eingabe: Farbmetrisches Fernseh-Licht-System TLS18

für Buntton $h^* = lab^*h = 196/360 = 0.546$ lab^*ch und lab^*nch

D65: Buntton C

LCH*Ma: 87 46 196

olv*Ma: 0.0 1.0 1.0

Dreiecks-Helligkeit t^* 

%Umfang

 $u^*_{rel} = 118$

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*LABa 95.41 0.0 0.0

LAB*LABb 99.99 0.01 0.0

relative CIELAB lab*

lab*lab 1.0 0.0 0.0

lab*ch 1.0 0.0 0.0

lab*nch 0.0 0.0 0.0

relative Natural Colour (NC)

lab*trj 1.0 0.0 0.0

lab*trc 1.0 0.0 0.0

lab*ncc 0.0 0.0 0.0

relative Inform. Technology (IT)

olv3* 0.75 0.75 0.75 (1.0)

cmyn3* 0.25 0.25 0.25 (0.0)

olv4* 1.0 1.0 1.0 (0.75)

cmyn4* 0.0 0.0 0.0 (0.25)

standard and adapted CIELAB

LAB*LAB 76.07 0.0 0.0

LAB*LABa 76.07 0.0 0.0

LAB*LABb 75.00 0.01 0.0

relative CIELAB lab*

lab*lab 0.75 0.0 0.0

lab*ch 0.75 0.0 0.0

lab*nch 0.0 0.0 0.0

relative Natural Colour (NC)

lab*trj 0.75 0.0 0.0

lab*trc 0.75 0.0 0.0

lab*ncc 0.0 0.0 0.0

relative Inform. Technology (IT)

olv3* 0.5 0.5 0.5 (0.0)

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 56.72 0.0 0.0

LAB*LABa 56.72 0.0 0.0

LAB*LABb 50.00 0.01 0.0

relative CIELAB lab*

lab*lab 0.5 0.0 0.0

lab*ch 0.5 0.0 0.0

lab*nch 0.0 0.0 0.0

relative Natural Colour (NC)

lab*trj 0.5 0.0 0.0

lab*trc 0.5 0.0 0.0

lab*ncc 0.0 0.0 0.0

relative Inform. Technology (IT)

olv3* 0.25 0.25 0.25 (1.0)

cmyn3* 0.75 0.75 0.75 (0.0)

olv4* 1.0 1.0 1.0 (0.25)

cmyn4* 0.0 0.0 0.0 (0.75)

standard and adapted CIELAB

LAB*LAB 37.37 0.0 0.0

LAB*LABa 37.37 0.0 0.0

LAB*LABb 25.00 0.01 0.0

relative CIELAB lab*

lab*lab 0.25 0.0 0.0

lab*ch 0.25 0.0 0.0

lab*nch 0.0 0.0 0.0

relative Natural Colour (NC)

lab*trj 0.25 0.0 0.0

lab*trc 0.25 0.0 0.0

lab*ncc 0.0 0.0 0.0

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 (0.0)

cmyn4* 0.0 0.0 0.0 (1.0)

standard and adapted CIELAB

LAB*LAB 18.03 0.0 0.0

LAB*LABa 18.03 0.0 0.0

LAB*LABb 0.01 0.01 0.0

relative CIELAB lab*

lab*lab 0.0 0.0 0.0

lab*ch 0.0 0.0 0.0

lab*nch 1.0 0.0 0.0

relative Natural Colour (NC)

lab*trj 0.0 0.0 0.0

lab*trc 0.0 0.0 0.0

lab*ncc 1.0 0.0 0.0

 $n^* = 1.0$

relative Inform. Technology (IT)

olv3* 0.75 1.0 1.0 (1.0)

cmyn3* 0.25 0.0 0.0 (0.0)

olv4* 0.75 1.0 1.0 (0.0)

cmyn4* 0.25 0.0 0.0 (0.0)

standard and adapted CIELAB

LAB*LAB 93.34 -11.09 -3.27

LAB*LABa 93.34 -11.09 -3.27

LAB*LABb 97.5 11.57 196.46

relative CIELAB lab*

lab*lab 0.973 -0.239 -0.07

lab*ch 0.875 0.25 0.546

lab*nch 0.0 0.25 0.546

relative Natural Colour (NC)

lab*trj 0.973 -0.239 -0.117

lab*trc 0.875 0.25 0.578

lab*ncc 0.0 0.25 0.578

relative Inform. Technology (IT)

olv3* 0.5 0.75 0.75 (1.0)

cmyn3* 0.5 0.25 0.25 (0.0)

olv4* 0.75 1.0 1.0 (0.5)

cmyn4* 0.5 0.0 0.0 (0.5)

standard and adapted CIELAB

LAB*LAB 73.99 -11.1 -3.27

LAB*LABa 73.99 -11.1 -3.27

LAB*LABb 62.5 11.58 196.46

relative CIELAB lab*

lab*lab 0.723 -0.239 -0.117

lab*ch 0.625 0.25 0.546

lab*nch 0.0 0.25 0.546

relative Natural Colour (NC)

lab*trj 0.723 -0.239 -0.117

lab*trc 0.625 0.25 0.578

lab*ncc 0.0 0.25 0.578

relative Inform. Technology (IT)

olv3* 0.25 0.5 0.5 (1.0)

cmyn3* 0.75 0.25 0.25 (0.0)

olv4* 0.75 1.0 1.0 (0.25)

cmyn4* 0.25 0.0 0.0 (0.75)

standard and adapted CIELAB

LAB*LAB 54.64 -11.1 -3.27

LAB*LABa 54.64 -11.1 -3.27

LAB*LABb 37.5 11.58 196.46

relative CIELAB lab*

lab*lab 0.473 -0.239 -0.07

lab*ch 0.375 0.25 0.546

lab*nch 0.0 0.25 0.546

relative Natural Colour (NC)

lab*trj 0.473 -0.239 -0.117

lab*trc 0.375 0.25 0.578

lab*ncc 0.0 0.25 0.578

relative Inform. Technology (IT)

olv3* 0.0 0.5 0.5 (1.0)

cmyn3* 1.0 0.25 0.25 (0.0)

olv4* 0.75 1.0 1.0 (0.0)

cmyn4* 0.25 0.0 0.0 (1.0)

standard and adapted CIELAB

LAB*LAB 23.38 -22.5 -6.35

LAB*LABa 23.38 -22.5 -6.35

LAB*LABb 25.01 23.15 196.46

relative CIELAB lab*

lab*lab 0.447 -0.478 -0.141

lab*ch 0.25 0.5 0.546

lab*nch 0.0 0.5 0.546

relative Natural Colour (NC)

lab*trj 0.447 -0.478 -0.235

lab*trc 0.25 0.5 0.578

lab*ncc 0.0 0.5 0.578

 $n^* = 0.50$

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
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

%Regularität

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

relative Inform. Technology (IT)

olv3* 0.5 1.0 1.0 (1.0)

cmyn3* 0.5 0.0 0.0 (0.0)

olv4* 0.5 1.0 1.0 (0.5)

cmyn4* 0.5 0.0 0.0 (0.5)

standard and adapted CIELAB

LAB*LAB 91.27 -22.2 -6.55

LAB*LABa 91.27 -22.2 -6.55

LAB*LABb 75.0 23.15 196.46

relative CIELAB lab*

lab*lab 0.946 -0.478 -0.141

lab*ch 0.75 0.5 0.546

lab*nch 0.0 0.5 0.546

relative Natural Colour (NC)

lab*trj 0.946 -0.478 -0.235

lab*trc 0.75 0.5 0.578

lab*ncc 0.0 0.5 0.578

relative Inform. Technology (IT)

olv3* 0.25 0.75 0.75 (1.0)

cmyn3* 0.75 0.25 0.25 (0.0)

olv4* 0.5 1.0 1.0 (0.75)

cmyn4* 0.5 0.0 0.0 (0.25)

standard and adapted CIELAB

LAB*LAB 71.93 -22.2 -6.55

LAB*LABa 71.93 -22.2 -6.55

LAB*LABb 50.0 23.15 196.46

relative CIELAB lab*

lab*lab 0.697 -0.478 -0.141

lab*ch 0.5 0.5 0.546

lab*nch 0.0 0.5 0.546

relative Natural Colour (NC)

lab*trj 0.697 -0.478 -0.235

lab*trc 0.5 0.5 0.578

lab*ncc 0.0 0.5 0.578

relative Inform. Technology (IT)

olv3* 0.0 0.75 0.75 (1.0)

cmyn3* 1.0 0.25 0.25 (0.0)

olv4* 0.5 1.0 1.0 (0.0)

cmyn4* 0.5 0.0 0.0 (1.0)

standard and adapted CIELAB

LAB*LAB 23.38 -22.5 -6.35

LAB*LABa 23.38 -22.5 -6.35

LAB*LABb 25.01 23.15 196.46

relative CIELAB lab*

lab*lab 0.67 -0.718 -0.211

lab*ch 0.375 0.75 0.546

lab*nch 0.0 0.75 0.546

relative Natural Colour (NC)

lab*trj 0.67 -0.718 -0.282

lab*trc 0.375 0.75 0.578

lab*ncc 0.0 0.75 0.578

Schwarzheit n^* $n^* = 0.25$ $n^* = 0.00$ $n^* = 0.75$ $n^* = 1.0$ $n^* = 0.25$ $n^* = 0.50$ $n^* = 0.75$ $n^* = 1.0$ $n^* = 0.25$ $n^* = 0.50$ $n^* = 0.75$ $n^* = 1.0$ relative Buntheit c^*

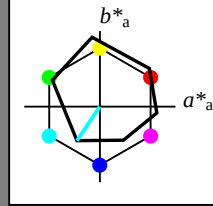
Ausgabe: Farbmetrisches Offset-Reflektiv-System ORS18

für Buntton $h^* = lab^*h = 236/360 = 0.656$ lab^*ch und lab^*nch

D65: Buntton C

LCH*Ma: 59 54 236

olv*Ma: 0.0 1.0 1.0

Dreiecks-Helligkeit t^* 

%Umfang

 $u^*_{rel} = 93$

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 -0.98 4.75

LAB*LABa 95.41 0.0 0.0

LAB*LABb 99.99 0.01 0.0

relative CIELAB lab*

lab*lab 1.0 0.0 0.0

lab*ch 1.0 0.0 0.0

lab*nch 0.0 0.0 0.0

relative Natural Colour (NC)

lab*trj 1.0 0.0 0.0

lab*trc 1.0 0.0 0.0

lab*ncc 0.0 0.0 0.0

relative Inform. Technology (IT)

olv3* 0.75 0.75 0.75 (1.0)

cmyn3* 0.25 0.25 0.25 (0.0)

olv4* 1.0 1.0 1.0 (0.75)

cmyn4* 0.0 0.0 0.0 (0.25)

standard and adapted CIELAB

LAB*LAB 76.06 -0.61 3.44

LAB*LABa 76.06 0.0 0.0

LAB*LABb 75.0 0.01 0.0

relative CIELAB lab*

lab*lab 0.75 0.0 0.0

lab*ch 0.75 0.0 0.0

lab*nch 0.0 0.0 0.0

relative Natural Colour (NC)

lab*trj 0.75 0.0 0.0

lab*trc 0.75 0.0 0.0

lab*ncc 0.0 0.0 0.0

relative Inform. Technology (IT)

olv3* 0.5 0.5 0.5 (1.0)

cmyn3* 0.5 0.25 0.25 (0.0)

olv4* 1.0 1.0 1.0 (0.5)

cmyn4* 0.5 0.0 0.0 (0.5)

standard and adapted CIELAB

LAB*LAB 56.71 -0.24 2.14

LAB*LABa 56.71 0.0 0.0

LAB*LABb 50.0 0.01 0.0

relative CIELAB lab*

lab*lab 0.5 0.0 0.0

lab*ch 0.5 0.0 0.0

lab*nch 0.0 0.0 0.0

relative Natural Colour (NC)

lab*trj 0.5 0.0 0.0

lab*trc 0.5 0.0 0.0

lab*ncc 0.0 0.0 0.0

relative Inform. Technology (IT)

olv3* 0.25 0.5 0.5 (1.0)

cmyn3* 0.75 0.25 0.25 (0.0)

olv4* 0.75 1.0 1.0 (0.25)

cmyn4* 0.25 0.0 0.0 (0.75)

standard and adapted CIELAB

LAB*LAB 37.36 -0.13 0.83

LAB*LABa 37.36 0.0 0.0

LAB*LABb 25.0 0.01 0.0

relative CIELAB lab*

lab*lab 0.25 0.0 0.0

lab*ch 0.25 0.0 0.0

lab*nch 0.0 0.0 0.0

relative Natural Colour (NC)

lab*trj 0.25 0.0 0.0

lab*trc 0.25 0.0 0.0

lab*ncc 0.0 0.0 0.0

relative Inform. Technology (IT)

olv3* 0.0 0.5 0.5 (1.0)

cmyn3* 1.0 0.25 0.25 (0.0)

olv4* 0.75 1.0 1.0 (0.0)

cmyn4* 0.25 0.0 0.0 (1.0)

standard and adapted CIELAB

LAB*LAB 23.38 -22.5 -6.35

LAB*LABa 23.38 -22.5 -6.35

LAB*LABb 25.01 23.15 196.46

relative CIELAB lab*

lab*lab 0.25 0.0 0.0

lab*ch 0.25 0.0 0.0

lab*nch 0.0 0.0 0.0

relative Natural Colour (NC)

lab*trj 0.25 0.0 0.0

lab*trc 0.25 0.0 0.0

lab*ncc 0.0 0.0 0.0

 $n^* = 1.0$ $n^* = 0.75$ $n^* = 0.50$ $n^* = 0.25$ $n^* = 0.00$ $n^* = 0.25$ $n^* = 0.50$ $n^* = 0.75$ $n^* = 1.0$ $n^* = 0.25$ $n^* = 0.50$ $n^* = 0.75$ $n^* = 1.0$ $n^* = 0.25$ $n^* = 0.50$ $n^* = 0.75$ $n^* = 1.0$ $n^* = 0.25$ $n^* = 0.50$ $n^* = 0.75$ $n^* = 1.0$ $n^* = 0.25$ $n^* = 0.50$ $n^* = 0.75$ $n^* = 1.0$ $n^* = 0.25$ $n^* = 0.50$ $n^* = 0.75$ $n^* = 1.0$ $n^* = 0.25$ $n^* = 0.50$ $n^* = 0.75$ $n^* = 1.0$ $n^* = 0.25$ $n^* = 0.50$ $n^* = 0.75$ $n^* = 1.0$ $n^* = 0.25$ $n^* = 0.50$ $n^* = 0.75$ $n^* = 1.0$ $n^* = 0.25$ $n^* = 0.50$ $n^* = 0.75$ $n^* = 1.0$ $n^* = 0.25$ $n^* = 0.50$ $n^* = 0.75$ $n^* = 1.0$

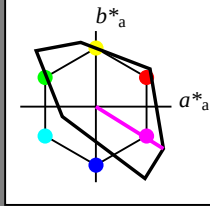
Eingabe: Farbmetrisches Fernseh-Licht-System TLS18

für Buntton $h^* = lab^*h = 328/360 = 0.911$ lab^*tch und lab^*nch

D65: Buntton M

LCH*Ma: 59 105 328

olv*Ma: 1.0 0.0 1.0

Dreiecks-Helligkeit t^* 

%Umfang

 $u^*_{rel} = 118$

relative Inform. Technology (IT)

olv3*	1.0	1.0	1.0	(1.0)
olv3*	0.0	0.0	0.0	(0.0)
olv4*	1.0	1.0	1.0	(1.0)
olv4*	0.0	0.0	0.0	(0.0)
cmyn3*	0.0	0.0	0.0	(0.0)
cmyn3*	0.0	0.0	0.0	(0.0)
LAB*LAB	95.41	0.0	0.0	
LAB*LAB	95.41	0.0	0.0	
LAB*LAB	99.99	0.01	0.0	

standard and adapted CIELAB

LAB*LAB	95.41	0.0	0.0	
LAB*LAB	95.41	0.0	0.0	
LAB*LAB	99.99	0.01	0.0	

relative CIELAB lab*

lab*lab	1.0	0.0	0.0	
lab*lab	1.0	0.0	0.0	
lab*lab	1.0	0.0	0.0	
lab*lab	1.0	0.0	0.0	
lab*lab	1.0	0.0	0.0	
lab*lab	1.0	0.0	0.0	
lab*lab	1.0	0.0	0.0	
lab*lab	1.0	0.0	0.0	
lab*lab	1.0	0.0	0.0	
lab*lab	1.0	0.0	0.0	

relative Natural Colour (NC)

lab*lab	1.0	0.0	0.0	
lab*lab	1.0	0.0	0.0	
lab*lab	1.0	0.0	0.0	
lab*lab	1.0	0.0	0.0	
lab*lab	1.0	0.0	0.0	
lab*lab	1.0	0.0	0.0	
lab*lab	1.0	0.0	0.0	
lab*lab	1.0	0.0	0.0	
lab*lab	1.0	0.0	0.0	
lab*lab	1.0	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*LAB	99.99	0.01	0.0	

relative CIELAB lab*

lab*lab	1.0	0.0	0.0	
lab*lab	1.0	0.0	0.0	
lab*lab	1.0	0.0	0.0	
lab*lab	1.0	0.0	0.0	
lab*lab	1.0	0.0	0.0	
lab*lab	1.0	0.0	0.0	
lab*lab	1.0	0.0	0.0	
lab*lab	1.0	0.0	0.0	
lab*lab	1.0	0.0	0.0	
lab*lab	1.0	0.0	0.0	

relative Natural Colour (NC)

lab*lab	1.0	0.0	0.0	
lab*lab	1.0	0.0	0.0	
lab*lab	1.0	0.0	0.0	
lab*lab	1.0	0.0	0.0	
lab*lab	1.0	0.0	0.0	
lab*lab	1.0	0.0	0.0	
lab*lab	1.0	0.0	0.0	
lab*lab	1.0	0.0	0.0	
lab*lab	1.0	0.0	0.0	
lab*lab	1.0	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*LAB	99.99	0.01	0.0	

relative CIELAB lab*

lab*lab	1.0	0.0	0.0	
lab*lab	1.0	0.0	0.0	
lab*lab	1.0	0.0	0.0	
lab*lab	1.0	0.0	0.0	
lab*lab	1.0	0.0	0.0	
lab*lab	1.0	0.0	0.0	
lab*lab	1.0	0.0	0.0	
lab*lab	1.0	0.0	0.0	
lab*lab	1.0	0.0	0.0	
lab*lab	1.0	0.0	0.0	

relative Natural Colour (NC)

lab*lab	1.0	0.0	0.0	
lab*lab	1.0	0.0	0.0	
lab*lab	1.0	0.0	0.0	
lab*lab	1.0	0.0	0.0	
lab*lab	1.0	0.0	0.0	
lab*lab	1.0	0.0	0.0	
lab*lab	1.0	0.0	0.0	
lab*lab	1.0	0.0	0.0	
lab*lab	1.0	0.0	0.0	
lab*lab	1.0	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*LAB	99.99	0.01	0.0	

relative CIELAB lab*

lab*lab	1.0	0.0	0.0	
lab*lab	1.0	0.0	0.0	
lab*lab	1.0	0.0	0.0	
lab*lab	1.0	0.0	0.0	
lab*lab	1.0	0.0	0.0	
lab*lab	1.0	0.0	0.0	
lab*lab	1.0	0.0	0.0	
lab*lab	1.0	0.0	0.0	
lab*lab	1.0	0.0	0.0	
lab*lab	1.0	0.0	0.0	

relative Inform. Technology (IT)

olv3*	1.0	0.75	1.0	(1.0)
olv3*	0.0	0.25	0.0	(0.0)
olv4*	1.0	0.75	1.0	(1.0)
olv4*	0.0	0.25	0.0	(0.0)
cmyn3*	0.0	0.25	0.0	(0.0)
cmyn3*	0.0	0.25	0.0	(0.0)
LAB*LAB	86.31	22.32	-13.9	
LAB*LAB	86.31	22.32	-13.9	
LAB*LAB	97.5	26.31	328.06	

standard and adapted CIELAB

LAB*LAB	86.31	22.32	-13.9	
LAB*LAB	86.31	22.32	-13.9	
LAB*LAB	97.5	26.31	328.06	

relative CIELAB lab*

lab*lab	0.882	0.212	-0.131	
lab*lab	0.875	0.25	0.911	
lab*lab	0.875	0.25	0.911	
lab*lab	0.875	0.25	0.911	
lab*lab	0.875	0.25	0.911	
lab*lab	0.875	0.25	0.911	
lab*lab	0.875	0.25	0.911	
lab*lab	0.875	0.25	0.911	
lab*lab	0.875	0.25	0.911	
lab*lab	0.875	0.25	0.911	

relative Natural Colour (NC)

lab*lab	0.882	0.212	-0.131	
lab*lab	0.875	0.25	0.911	
lab*lab	0.875	0.25	0.911	
lab*lab	0.875	0.25	0.911	
lab*lab	0.875	0.25	0.911	
lab*lab	0.875	0.25	0.911	
lab*lab	0.875	0.25	0.911	
lab*lab	0.875	0.25	0.911	
lab*lab	0.875	0.25	0.911	
lab*lab	0.875	0.25	0.911	

standard and adapted CIELAB

LAB*LAB	86.31	22.32	-13.9	
LAB*LAB	86.31	22.32	-13.9	
LAB*LAB	97.5	26.31	328.06	

relative CIELAB lab*

lab*lab	0.882	0.212	-0.131	
lab*lab	0.875	0.25	0.911	
lab*lab	0.875	0.25	0.911	
lab*lab	0.875	0.25	0.911	
lab*lab	0.875	0.25	0.911	
lab*lab	0.875	0.25	0.911	
lab*lab	0.875	0.25	0.911	
lab*lab	0.875	0.25	0.911	
lab*lab	0.875	0.25	0.911	
lab*lab	0.875	0.25	0.911	

relative Natural Colour (NC)

lab*lab	0.882	0.212	-0.131	
lab*lab	0.875	0.25	0.911	
lab*lab	0.875	0.25	0.911	
lab*lab	0.875	0.25	0.911	
lab*lab	0.875	0.25	0.911	
lab*lab	0.875	0.25	0.911	
lab*lab	0.875	0.25	0.911	
lab*lab	0.875	0.25	0.911	
lab*lab	0.875	0.25	0.911	
lab*lab	0.875	0.25	0.911	

standard and adapted CIELAB

LAB*LAB	86.31	22.32	-13.9	
LAB*LAB	86.31	22.32	-13.9	
LAB*LAB	97.5	26.31	328.06	

relative CIELAB lab*

lab*lab	0.882	0.212	-0.131	
lab*lab	0.875	0.25	0.911	
lab*lab	0.875	0.25	0.911	
lab*lab	0.875	0.25	0.911	
lab*lab	0.875	0.25	0.911	
lab*lab	0.875	0.25	0.911	
lab*lab	0.875	0.25	0.911	
lab*lab	0.875	0.25	0.911	
lab*lab	0.875	0.25	0.911	
lab*lab	0.875	0.25	0.911	

relative Natural Colour (NC)

lab*lab	0.882	0.212	-0.131	
lab*lab	0.875	0.25	0.911	
lab*lab	0.875	0.25	0.911	
lab*lab	0.875	0.25	0.911	
lab*lab	0.875	0.25	0.911	
lab*lab	0.875	0.25	0.911	
lab*lab	0.875	0.25	0.911	
lab*lab	0.875	0.25	0.911	
lab*lab	0.875	0.25	0.911	
lab*lab	0.875	0.25	0.911	

standard and adapted CIELAB

LAB*LAB	86.31	22.32	-13.9	
LAB*LAB	86.31	22.32	-13.9	
LAB*LAB	97.5	26.31	328.06	

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
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

%Regularität

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

relative Inform. Technology (IT)

olv3*	1.0	0.5	1.0	(1.0)
olv3*	0.0	0.5	0.0	(0.0)
olv4*	1.0	0.5	1.0	(1.0)
olv4*	0.0	0.5	0.0	(0.0)
cmyn3*	0.0	0.5	0.0	(0.0)
cmyn3*	0.0	0.5	0.0	(0.0)
LAB*LAB	77.21	44.66	-27.82	
LAB*LAB	77.21	44.66	-27.82	
LAB*LAB	75.0	52.62	328.06	

standard and adapted CIELAB

LAB*LAB	77.21	44.66	-27.82	
LAB*LAB	77.21	44.66	-27.82	
LAB*LAB	75.0	52.62	328.06	

relative CIELAB lab*

lab*lab	0.765	0.424	-0.263	
lab*lab	0.765	0.424	-0.263	
lab*lab	0.765	0.424	-0.263	
lab*lab	0.765	0.424	-0.263	
lab*lab	0.765	0.424	-0.263	
lab*lab	0.765	0.424	-0.263	
lab*lab	0.765	0.424	-0.263	
lab*lab	0.765	0.424	-0.263	
lab*lab	0.765	0.424	-0.263	
lab*lab	0.765	0.424	-0.263	

relative Natural Colour (NC)

lab*lab	0.765	0.424	-0.263	
lab*lab	0.765	0.424	-0.263	
lab*lab	0.765	0.424	-0.263	
lab*lab	0.765	0.424	-0.263	
lab*lab	0.765	0.424	-0.263	
lab*lab	0.765	0.424	-0.263	
lab*lab	0.765	0.424	-0.263	
lab*lab	0.765	0.424	-0.263	
lab*lab	0.765	0.424	-0.263	
lab*lab	0.765	0.424	-0.263	

standard and adapted CIELAB

LAB*LAB	68.11	66.99	-41.74	
LAB*LAB	68.11	66.99	-41.74	
LAB*LAB	62.5	78.94	328.06	

relative CIELAB lab*

lab*lab	0.647	0.526	-0.533	
lab*lab	0.647	0.526	-0.533	

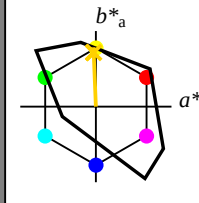
Eingabe: Farbmetrisches Fernseh-Licht-System TLS18

für Buntton $h^* = lab^*h = 92/360 = 0.256$ lab^*ch und lab^*nch

D65: Buntton J

LCH*Ma: 85 79 92

olv*Ma: 1.0 0.82 0.0

Dreiecks-Helligkeit t^* 

%Umfang

 $u^*_{rel} = 118$

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*LABa 95.41 0.0 0.0

LAB*LABb 99.99 0.01 0.0

relative CIELAB lab*

lab*lab 1.0 0.0 0.0

lab*lab 1.0 0.0 0.0

lab*lab 1.0 0.0 0.0

relative Natural Colour (NC)

lab*lab 1.0 0.0 0.0

lab*lab 1.0 0.0 0.0

lab*lab 1.0 0.0 0.0

relative Inform. Technology (IT)

olv3* 0.75 0.75 0.75 (1.0)

cmyn3* 0.25 0.25 0.25 (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 76.07 0.0 0.0

LAB*LABa 76.07 0.0 0.0

LAB*LABb 75.00 0.01 0.0

relative CIELAB lab*

lab*lab 0.75 0.0 0.0

lab*lab 0.75 0.0 0.0

lab*lab 0.75 0.0 0.0

relative Natural Colour (NC)

lab*lab 0.75 0.0 0.0

lab*lab 0.75 0.0 0.0

lab*lab 0.75 0.0 0.0

relative Inform. Technology (IT)

olv3* 0.5 0.5 0.5 (0.0)

cmyn3* 0.5 0.5 0.5 (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 56.72 0.0 0.0

LAB*LABa 56.72 0.0 0.0

LAB*LABb 50.00 0.01 0.0

relative CIELAB lab*

lab*lab 0.5 0.0 0.0

lab*lab 0.5 0.0 0.0

lab*lab 0.5 0.0 0.0

relative Natural Colour (NC)

lab*lab 0.5 0.0 0.0

lab*lab 0.5 0.0 0.0

lab*lab 0.5 0.0 0.0

relative Inform. Technology (IT)

olv3* 0.25 0.25 0.25 (1.0)

cmyn3* 0.75 0.75 0.75 (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 37.37 0.0 0.0

LAB*LABa 37.37 0.0 0.0

LAB*LABb 25.00 0.01 0.0

relative CIELAB lab*

lab*lab 0.25 0.0 0.0

lab*lab 0.25 0.0 0.0

lab*lab 0.25 0.0 0.0

relative Natural Colour (NC)

lab*lab 0.25 0.0 0.0

lab*lab 0.25 0.0 0.0

lab*lab 0.25 0.0 0.0

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 18.03 0.0 0.0

LAB*LABa 18.03 0.0 0.0

LAB*LABb 0.01 0.01 0.0

relative CIELAB lab*

lab*lab 0.0 0.0 0.0

lab*lab 0.0 0.0 0.0

lab*lab 0.0 0.0 0.0

relative Natural Colour (NC)

lab*lab 0.0 0.0 0.0

lab*lab 0.0 0.0 0.0

lab*lab 0.0 0.0 0.0

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 18.03 0.0 0.0

LAB*LABa 18.03 0.0 0.0

LAB*LABb 0.01 0.01 0.0

relative CIELAB lab*

lab*lab 0.0 0.0 0.0

lab*lab 0.0 0.0 0.0

lab*lab 0.0 0.0 0.0

relative Natural Colour (NC)

lab*lab 0.0 0.0 0.0

lab*lab 0.0 0.0 0.0

lab*lab 0.0 0.0 0.0

relative Inform. Technology (IT)

olv3* 1.0 0.954 0.75 (1.0)

cmyn3* 0.0 0.046 0.25 (0.0)

olv4* 1.0 0.954 0.75 (1.0)

cmyn4* 0.0 0.046 0.25 (0.0)

standard and adapted CIELAB

LAB*LAB 92.9 -0.79 19.62

LAB*LABa 92.9 -0.79 19.62

LAB*LABb 87.5 19.64 92.33

relative CIELAB lab*

lab*lab 0.954 -0.009 0.25

lab*lab 0.875 0.25 0.256

lab*lab 0.875 0.25 0.256

relative Natural Colour (NC)

lab*lab 0.954 0.25 0.256

lab*lab 0.875 0.25 0.256

lab*lab 0.875 0.25 0.256

relative Inform. Technology (IT)

olv3* 0.75 0.704 0.5 (1.0)

cmyn3* 0.25 0.296 0.5 (0.0)

olv4* 1.0 0.954 0.75 (1.0)

cmyn4* 0.0 0.046 0.25 (0.0)

standard and adapted CIELAB

LAB*LAB 73.55 -0.78 19.63

LAB*LABa 73.55 -0.78 19.63

LAB*LABb 62.5 19.64 92.33

relative CIELAB lab*

lab*lab 0.718 -0.009 0.25

lab*lab 0.625 0.25 0.256

lab*lab 0.625 0.25 0.256

relative Natural Colour (NC)

lab*lab 0.718 0.25 0.256

lab*lab 0.625 0.25 0.256

lab*lab 0.625 0.25 0.256

relative Inform. Technology (IT)

olv3* 0.5 0.454 0.25 (1.0)

cmyn3* 0.5 0.546 0.75 (0.0)

olv4* 1.0 0.954 0.75 (1.0)

cmyn4* 0.0 0.046 0.25 (0.0)

standard and adapted CIELAB

LAB*LAB 54.2 -0.78 19.63

LAB*LABa 54.2 -0.78 19.63

LAB*LABb 37.5 19.64 92.33

relative CIELAB lab*

lab*lab 0.468 -0.029 0.25

lab*lab 0.375 0.25 0.256

lab*lab 0.375 0.25 0.256

relative Natural Colour (NC)

lab*lab 0.468 0.25 0.256

lab*lab 0.375 0.25 0.256

lab*lab 0.375 0.25 0.256

relative Inform. Technology (IT)

olv3* 0.25 0.348 0.125 (1.0)

cmyn3* 0.75 0.796 1.0 (0.0)

olv4* 1.0 0.954 0.75 (1.0)

cmyn4* 0.0 0.046 0.25 (0.0)

standard and adapted CIELAB

LAB*LAB 34.85 -0.78 19.62

LAB*LABa 34.85 -0.78 19.62

LAB*LABb 12.5 19.64 92.33

relative CIELAB lab*

lab*lab 0.218 -0.009 0.25

lab*lab 0.125 0.25 0.256

lab*lab 0.125 0.25 0.256

relative Natural Colour (NC)

lab*lab 0.218 0.25 0.256

lab*lab 0.125 0.25 0.256

lab*lab 0.125 0.25 0.256

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 18.03 0.0 0.0

LAB*LABa 18.03 0.0 0.0

LAB*LABb 0.01 0.01 0.0

relative CIELAB lab*

lab*lab 0.0 0.0 0.0

lab*lab 0.0 0.0 0.0

lab*lab 0.0 0.0 0.0

relative Natural Colour (NC)

lab*lab 0.0 0.0 0.0

lab*lab 0.0 0.0 0.0

lab*lab 0.0 0.0 0.0

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 18.03 0.0 0.0

LAB*LABa 18.03 0.0 0.0

LAB*LABb 0.01 0.01 0.0

relative CIELAB lab*

lab*lab 0.0 0.0 0.0

lab*lab 0.0 0.0 0.0

lab*lab 0.0 0.0 0.0

relative Natural Colour (NC)

lab*lab 0.0 0.0 0.0

lab*lab 0.0 0.0 0.0

lab*lab 0.0 0.0 0.0

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
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

%Regularität

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

relative Inform. Technology (IT)

olv3* 1.0 0.908 0.5 (1.0)

cmyn3* 0.0 0.092 0.5 (0.0)

olv4* 1.0 0.908 0.5 (1.0)

cmyn4* 0.0 0.092 0.5 (0.0)

standard and adapted CIELAB

LAB*LAB 90.39 -1.58 39.25

LAB*LABa 90.39 -1.58 39.25

LAB*LABb 75.0 39.29 92.32

relative CIELAB lab*

lab*lab 0.935 -0.019 0.49

lab*lab 0.75 0.5 0.256

lab*lab 0.75 0.5 0.256

relative Natural Colour (NC)

lab*lab 0.935 0.5 0.256

lab*lab 0.75 0.5 0.256

lab*lab 0.75 0.5 0.256

relative Inform. Technology (IT)

olv3* 0.75 0.658 0.25 (1.0)

cmyn3* 0.25 0.342 0.75 (0.0)

olv4* 1.0 0.908 0.5 (1.0)

cmyn4* 0.0 0.092 0.5 (0.0)

standard and adapted CIELAB

LAB*LAB 71.05 -1.58 39.26

LAB*LABa 71.05 -1.58 39.26

LAB*LABb 50.0 39.29 92.31

relative CIELAB lab*

lab*lab 0.685 -0.019 0.5

lab*lab 0.625 0.25 0.256

lab*lab 0.625 0.25 0.256

relative Natural Colour (NC)

lab*lab 0.685 0.5 0.256

lab*lab 0.625 0.25 0.256

lab*lab 0.625 0.25 0.256

relative Inform. Technology (IT)

olv3* 0.5 0.458 0.125 (1.0)

cmyn3* 0.5 0.542 0.75 (0.0)

olv4* 1.0 0.908 0.5 (1.0)

cmyn4* 0.0 0.092 0.5 (0.0)

standard and adapted CIELAB

LAB*LAB 51.7 -1.57 39.25

LAB*LABa 51.7 -1.57 39.25

LAB*LABb 25.01 39.28 92.31

relative CIELAB lab*

lab*lab 0.435 -0.019 0.49

lab*lab 0.25 0.5 0.256

lab*lab 0.25 0.5 0.256

relative Natural Colour (NC)

lab*lab 0.435 0.5 0.256

lab*lab 0.25 0.5 0.256

lab*lab 0.25 0.5 0.256

relative Inform. Technology (IT)

olv3* 0.25 0.348 0.125 (1.0)

cmyn3* 0.75 0.796 1.0 (0.0)

olv4* 1.0 0.954 0.75 (1.0)

cmyn4* 0.0 0.046 0.25 (0.0)

standard and adapted CIELAB

LAB*LAB 34.85 -0.78 19.62

LAB*LABa 34.85 -0.78 19.62

LAB*LABb 12.5 19.64 92.33

relative CIELAB lab*

lab*lab 0.218 -0.009 0.25

lab*lab 0.125 0.25 0.256

lab*lab 0.125 0.25 0.256

relative Natural Colour (NC)

lab*lab 0.218 0.25 0.256

lab*lab 0.125 0.25 0.256

lab*lab 0.125 0.25 0.256

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 18.03 0.0 0.0

LAB*LABa 18.03 0.0 0.0

LAB*LABb 0.01 0.01 0.0

relative CIELAB lab*

lab*lab 0.0 0.0 0.0

lab*lab 0.0 0.0 0.0

lab*lab 0.0 0.0 0.0

relative Natural Colour (NC)

lab*lab 0.0 0.0 0.0

lab*lab 0.0 0.0 0.0

lab*lab 0.0 0.0 0.0

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 18.03 0.0 0.0

LAB*LABa 18.03 0.0 0.0

LAB*LABb 0.01 0.01 0.0

relative CIELAB lab*

lab*lab 0.0 0.0 0.0

lab*lab 0.0 0.0 0.0

lab*lab 0.0 0.0 0.0

relative Natural Colour (NC)

lab*lab 0.0 0.0 0.0

lab*lab 0.0 0.0 0.0

lab*lab 0.0 0.0 0.0

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 18.03 0.0 0.0

LAB*LABa 18.03 0.0 0.0

LAB*LABb 0.01 0.01 0.0

relative CIELAB lab*

lab*lab 0.0 0.0 0.0

lab*lab 0.0 0.0 0.0

lab*lab 0.0 0.0 0.0

relative Natural Colour (NC)

lab*lab 0.0 0.0 0.0

lab*lab 0.0 0.0 0.0

lab*lab 0.0 0.0 0.0

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 18.03 0.0 0.0

LAB*LABa 18.03 0.0 0.0

LAB*LABb 0.01 0.01 0.0

relative CIELAB lab*

lab*lab 0.0 0.0 0.0

lab*lab 0.0 0.0 0.0

lab*lab 0.0 0.0 0.0

relative Natural Colour (NC)

lab*lab 0.0 0.0 0.0

lab*lab 0.0 0.0 0.0

lab*lab 0.0 0.0 0.0

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 18.03 0.0 0.0

LAB*LABa 18.03 0.0 0.0

LAB*LABb 0.01 0.01 0.0

relative CIELAB lab*

lab*lab 0.0 0.0 0.0

lab*lab 0.0 0.0 0.0

lab*lab 0.0 0.0 0.0

relative Natural Colour (NC)

lab*lab 0.0 0.0 0.0

lab*lab 0.0 0.0 0.0

lab*lab 0.0 0.0 0.0

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 18.03 0.0 0.0

LAB*LABa 18.03 0.0 0.0

LAB*LABb 0.01 0.01 0.0

relative CIELAB lab*

lab*lab 0.0 0.0 0.0

lab*lab 0.0 0.0 0.0

lab*lab 0.0 0.0 0.0

relative Natural Colour (NC)

lab*lab 0.0 0.0 0.0

lab*lab 0.0 0.0 0.0

lab*lab 0.0 0.0 0.0

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 18.03 0.0 0.0

LAB*LABa 18.03 0.0 0.0

LAB*LABb 0.01 0.01 0.0

relative CIELAB lab*

lab*lab 0.0 0.0 0.0

lab*lab 0.0 0.0 0.0

lab*lab 0.0 0.0 0.0

relative Natural Colour (NC)

lab*lab 0.0 0.0 0.0

lab*lab 0.0 0.0 0.0

lab*lab 0.0 0.0 0.0

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

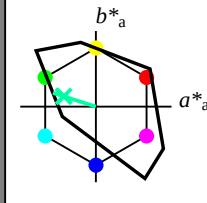
Eingabe: Farbmetrisches Fernseh-Licht-System TLS18

für Buntton $h^* = lab^*h = 162/360 = 0.451$ lab^*ch und lab^*nch

D65: Buntton G

LCH*Ma: 86 60 162

olv*Ma: 0.0 1.0 0.64

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)
LAB*LAB	95.41	0.0	0.0	
LAB*Lab	95.41	0.0	0.0	
LAB*Ch	99.99	0.01	0.0	

standard and adapted CIELAB

LAB*LAB	95.41	0.0	0.0	
LAB*Lab	95.41	0.0	0.0	
LAB*Ch	99.99	0.01	0.0	

relative Inform. Technology (IT)

olvi3*	0.75	0.75	0.75	(1.0)
cmyn3*	0.25	0.25	0.25	(0.0)
olvi4*	1.0	1.0	1.0	(1.0)
cmyn4*	0.0	0.0	0.0	(0.0)
LAB*LAB	76.07	0.0	0.0	
LAB*Lab	76.07	0.0	0.0	
LAB*Ch	75.00	0.01	0.0	

standard and adapted CIELAB

LAB*LAB	76.07	0.0	0.0	
LAB*Lab	76.07	0.0	0.0	
LAB*Ch	75.00	0.01	0.0	

relative Inform. Technology (IT)

olvi3*	0.5	0.5	0.5	(0.0)
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)
LAB*LAB	56.72	0.0	0.0	
LAB*Lab	56.72	0.0	0.0	
LAB*Ch	55.00	0.01	0.0	

standard and adapted CIELAB

LAB*LAB	56.72	0.0	0.0	
LAB*Lab	56.72	0.0	0.0	
LAB*Ch	55.00	0.01	0.0	

relative Inform. Technology (IT)

olvi3*	0.25	0.25	0.25	(0.0)
cmyn3*	0.75	0.75	0.75	(1.0)
olvi4*	1.0	1.0	1.0	(1.0)
cmyn4*	0.0	0.0	0.0	(0.0)
LAB*LAB	37.37	0.0	0.0	
LAB*Lab	37.37	0.0	0.0	
LAB*Ch	35.00	0.01	0.0	

standard and adapted CIELAB

LAB*LAB	37.37	0.0	0.0	
LAB*Lab	37.37	0.0	0.0	
LAB*Ch	35.00	0.01	0.0	

relative Inform. Technology (IT)

olvi3*	0.0	0.0	0.0	(0.0)
cmyn3*	1.0	1.0	1.0	(1.0)
olvi4*	1.0	1.0	1.0	(1.0)
cmyn4*	0.0	0.0	0.0	(0.0)
LAB*LAB	18.03	0.0	0.0	
LAB*Lab	18.03	0.0	0.0	
LAB*Ch	18.03	0.01	0.0	

standard and adapted CIELAB

LAB*LAB	18.03	0.0	0.0	
LAB*Lab	18.03	0.0	0.0	
LAB*Ch	18.03	0.01	0.0	

relative Inform. Technology (IT)

olvi3*	0.0	0.0	0.0	(0.0)
cmyn3*	1.0	1.0	1.0	(1.0)
olvi4*	1.0	1.0	1.0	(1.0)
cmyn4*	0.0	0.0	0.0	(0.0)
LAB*LAB	18.03	0.0	0.0	
LAB*Lab	18.03	0.0	0.0	
LAB*Ch	18.03	0.01	0.0	

standard and adapted CIELAB

LAB*LAB	18.03	0.0	0.0	
LAB*Lab	18.03	0.0	0.0	
LAB*Ch	18.03	0.01	0.0	

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
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

%Regularität

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

relative Inform. Technology (IT)

olvi3*	0.75	1.0	0.91	(1.0)
cmyn3*	0.25	0.0	0.09	(0.0)
olvi4*	0.75	1.0	0.91	(1.0)
cmyn4*	0.25	0.0	0.09	(0.0)
LAB*LAB	93.05	-14.2	4.55	
LAB*Lab	93.05	-14.2	4.55	
LAB*Ch	97.5	14.92	162.24	

standard and adapted CIELAB

LAB*LAB	93.05	-14.2	4.55	
LAB*Lab	93.05	-14.2	4.55	
LAB*Ch	97.5	14.92	162.24	

relative Inform. Technology (IT)

olvi3*	0.5	0.75	0.66	(1.0)
cmyn3*	0.5	0.25	0.34	(0.0)
olvi4*	0.75	1.0	0.91	(1.0)
cmyn4*	0.25	0.0	0.09	(0.0)
LAB*LAB	73.71	-14.21	4.56	
LAB*Lab	73.71	-14.21	4.56	
LAB*Ch	62.5	14.93	162.22	

standard and adapted CIELAB

LAB*LAB	73.71	-14.21	4.56	
LAB*Lab	73.71	-14.21	4.56	
LAB*Ch	62.5	14.93	162.22	

relative Inform. Technology (IT)

olvi3*	0.25	0.5	0.41	(1.0)
cmyn3*	0.75	0.25	0.45	(0.0)
olvi4*	0.75	1.0	0.91	(1.0)
cmyn4*	0.25	0.0	0.09	(0.0)
LAB*LAB	54.36	-14.21	4.56	
LAB*Lab	54.36	-14.21	4.56	
LAB*Ch	37.5	14.93	162.22	

standard and adapted CIELAB

LAB*LAB	54.36	-14.21	4.56	
LAB*Lab	54.36	-14.21	4.56	
LAB*Ch	37.5	14.93	162.22	

relative Inform. Technology (IT)

olvi3*	0.0	0.5	0.33	(1.0)
cmyn3*	1.0	0.5	0.68	(0.0)
olvi4*	1.0	1.0	0.91	(1.0)
cmyn4*	0.0	0.5	0.33	(0.0)
LAB*LAB	32.01	-28.42	9.12	
LAB*Lab	32.01	-28.42	9.12	
LAB*Ch	25.0	28.46	164.45	

standard and adapted CIELAB

LAB*LAB	32.01	-28.42	9.12	
LAB*Lab	32.01	-28.42	9.12	
LAB*Ch	25.0	28.46	164.45	

relative Inform. Technology (IT)

olvi3*	0.0	0.25	0.25	(0.0)
cmyn3*	1.0	0.75	0.75	(1.0)
olvi4*	1.0	1.0	1.0	(1.0)
cmyn4*	0.0	0.75	0.75	(0.0)
LAB*LAB	25.01	-28.42	9.12	
LAB*Lab	25.01	-28.42	9.12	
LAB*Ch	25.0	28.46	164.45	

standard and adapted CIELAB

LAB*LAB	25.01	-28.42	9.12	
LAB*Lab	25.01	-28.42	9.12	
LAB*Ch	25.0	28.46	164.45	

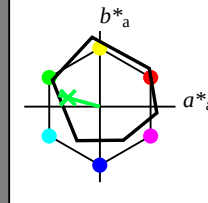
Ausgabe: Farbmetrisches Offset-Reflektiv-System ORS18

für Buntton $h^* = lab^*h = 164/360 = 0.457$ lab^*ch und lab^*nch

D65: Buntton G

LCH*Ma: 53 57 164

olv*Ma: 0.0 1.0 0.25

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)
LAB*LAB	95.41	-0.98	4.75	
LAB*Lab	95.41	-0.98	4.75	
LAB*Ch	99.99	0.01	0.0	

standard and adapted CIELAB

LAB*LAB	95.41	-0.98	4.75	
LAB*Lab	95.41	-0.98	4.75	
LAB*Ch	99.99	0.01	0.0	

relative Inform. Technology (IT)

olvi3*	0.75	0.75	0.75	(1.0)
cmyn3*	0.25	0.25	0.25	(0.0)
olvi4*	1.0	1.0	1.0	(1.0)
cmyn4*	0.0	0.0	0.0	(0.0)
LAB*LAB	76.06	-0.61	3.44	
LAB*Lab	76.06	-0.61	3.44	
LAB*Ch	75.0	0.01	0.0	

standard and adapted CIELAB

LAB*LAB	76.06	-0.61	3.44	
LAB*Lab	76.06	-0.61	3.44	
LAB*Ch	75.0	0.01	0.0	

relative Inform. Technology (IT)

olvi3*	0.5	0.5	0.5	(0.0)
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)
LAB*LAB	56.71	-0.24	2.14	
LAB*Lab	56.71	-0.24	2.14	
LAB*Ch	50.0	0.01	0.0	

standard and adapted CIELAB

LAB*LAB	56.71	-0.24	2.14	
LAB*Lab	56.71	-0.24	2.14	
LAB*Ch	50.0	0.01	0.0	

relative Inform. Technology (IT)

olvi3*	0.25	0.25	0.25	(0.0)
cmyn3*	0.75	0.75	0.75	(1.0)
olvi4*	1.0	1.0	1.0	(1.0)
cmyn4*	0.0	0.0	0.0	(0.0)
LAB*LAB	37.36	-0.13	1.68	
LAB*Lab	37.36	-0.13	1.68	
LAB*Ch	35.0	0.01	0.0	

standard and adapted CIELAB

LAB*LAB	37.36	-0.13	1.68	
LAB*Lab	37.36	-0.13	1.68	
LAB*Ch	35.0	0.01	0.0	

relative Inform. Technology (IT)

olvi3*	0.0	0.0	0.0	(0.0)
cmyn3*	1.0	1.0	1.0	(1.0)
olvi4*	1.0	1.0	1.0	(1.0)
cmyn4*	0.0	0.0	0.0	(0.0)
LAB*LAB	18.02	0.0	0.0	
LAB*Lab	18.02	0.0	0.0	
LAB*Ch	18.02	0.01	0.0	

standard and adapted CIELAB

LAB*LAB	18.02	0.0	0.0	
LAB*Lab	18.02	0.0	0.0	
LAB*Ch	18.02	0.01	0.0	

relative Inform. Technology (IT)

olvi3*	0.0	0.0	0.0	(0.0)
cmyn3*	1.0	1.0	1.0	(1.0)
olvi4*	1.0	1.0	1.0	(1.0)
cmyn4*	0.0	0.0	0.0	(0.0)
LAB*LAB	18.02	0.0	0.0	
LAB*Lab	18.02	0.0	0.0	
LAB*Ch	18.02	0.01	0.0	

standard and adapted CIELAB

LAB*LAB	18.02	0.0	0.0	
LAB*Lab	18.02	0.0	0.0	
LAB*Ch	18.02	0.01	0.0	

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
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

