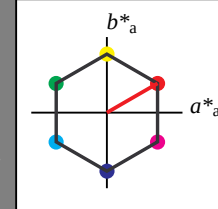


Eingabe: Farbmetrisches Standard-Reflektiv-System SRS18 für Buntton $h^* = lab^*h = 30/360 = 0.083$ lab^*ch und lab^*nch

D65: Buntton O
LCH*Ma: 57 77 30
olv*Ma: 1.0 0.0 0.0

Dreiecks-Helligkeit t^*



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 85.73 16.75 9.67
LAB*LABa 85.73 16.75 9.67
LAB*LABb 85.73 16.75 9.67
LAB*LABc 85.73 16.75 9.67
LAB*LABd 85.73 16.75 9.67
LAB*LABe 85.73 16.75 9.67
LAB*LABf 85.73 16.75 9.67
LAB*LABg 85.73 16.75 9.67
LAB*LABh 85.73 16.75 9.67
LAB*LABi 85.73 16.75 9.67
LAB*LABj 85.73 16.75 9.67
LAB*LABk 85.73 16.75 9.67
LAB*LABl 85.73 16.75 9.67
LAB*LABm 85.73 16.75 9.67
LAB*LABn 85.73 16.75 9.67
LAB*LABo 85.73 16.75 9.67
LAB*LABp 85.73 16.75 9.67
LAB*LABq 85.73 16.75 9.67
LAB*LABr 85.73 16.75 9.67
LAB*LABs 85.73 16.75 9.67
LAB*LABt 85.73 16.75 9.67
LAB*LABu 85.73 16.75 9.67
LAB*LABv 85.73 16.75 9.67
LAB*LABw 85.73 16.75 9.67
LAB*LABx 85.73 16.75 9.67
LAB*LABy 85.73 16.75 9.67
LAB*LABz 85.73 16.75 9.67

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 0.75 0.75 (1.0)
cmyn4* 0.0 0.25 0.25 (0.0)
standard and adapted CIELAB
LAB*LAB 66.39 16.76 9.68
LAB*LABa 66.39 16.76 9.68
LAB*LABb 66.39 16.76 9.68
LAB*LABc 66.39 16.76 9.68
LAB*LABd 66.39 16.76 9.68
LAB*LABe 66.39 16.76 9.68
LAB*LABf 66.39 16.76 9.68
LAB*LABg 66.39 16.76 9.68
LAB*LABh 66.39 16.76 9.68
LAB*LABi 66.39 16.76 9.68
LAB*LABj 66.39 16.76 9.68
LAB*LABk 66.39 16.76 9.68
LAB*LABl 66.39 16.76 9.68
LAB*LABm 66.39 16.76 9.68
LAB*LABn 66.39 16.76 9.68
LAB*LABo 66.39 16.76 9.68
LAB*LABp 66.39 16.76 9.68
LAB*LABq 66.39 16.76 9.68
LAB*LABr 66.39 16.76 9.68
LAB*LABs 66.39 16.76 9.68
LAB*LABt 66.39 16.76 9.68
LAB*LABu 66.39 16.76 9.68
LAB*LABv 66.39 16.76 9.68
LAB*LABw 66.39 16.76 9.68
LAB*LABx 66.39 16.76 9.68
LAB*LABy 66.39 16.76 9.68
LAB*LABz 66.39 16.76 9.68

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 0.5 0.5 (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* 0.5 0.5 0.5 (1.0)
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 47.04 16.76 9.68
LAB*LABa 47.04 16.76 9.68
LAB*LABb 47.04 16.76 9.68
LAB*LABc 47.04 16.76 9.68
LAB*LABd 47.04 16.76 9.68
LAB*LABe 47.04 16.76 9.68
LAB*LABf 47.04 16.76 9.68
LAB*LABg 47.04 16.76 9.68
LAB*LABh 47.04 16.76 9.68
LAB*LABi 47.04 16.76 9.68
LAB*LABj 47.04 16.76 9.68
LAB*LABk 47.04 16.76 9.68
LAB*LABl 47.04 16.76 9.68
LAB*LABm 47.04 16.76 9.68
LAB*LABn 47.04 16.76 9.68
LAB*LABo 47.04 16.76 9.68
LAB*LABp 47.04 16.76 9.68
LAB*LABq 47.04 16.76 9.68
LAB*LABr 47.04 16.76 9.68
LAB*LABs 47.04 16.76 9.68
LAB*LABt 47.04 16.76 9.68
LAB*LABu 47.04 16.76 9.68
LAB*LABv 47.04 16.76 9.68
LAB*LABw 47.04 16.76 9.68
LAB*LABx 47.04 16.76 9.68
LAB*LABy 47.04 16.76 9.68
LAB*LABz 47.04 16.76 9.68

relative Inform. Technology (IT)
olv3* 0.25 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 0.0 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 37.37 0.0 0.0
LAB*LABc 37.37 0.0 0.0
LAB*LABd 37.37 0.0 0.0
LAB*LABe 37.37 0.0 0.0
LAB*LABf 37.37 0.0 0.0
LAB*LABg 37.37 0.0 0.0
LAB*LABh 37.37 0.0 0.0
LAB*LABi 37.37 0.0 0.0
LAB*LABj 37.37 0.0 0.0
LAB*LABk 37.37 0.0 0.0
LAB*LABl 37.37 0.0 0.0
LAB*LABm 37.37 0.0 0.0
LAB*LABn 37.37 0.0 0.0
LAB*LABo 37.37 0.0 0.0
LAB*LABp 37.37 0.0 0.0
LAB*LABq 37.37 0.0 0.0
LAB*LABr 37.37 0.0 0.0
LAB*LABs 37.37 0.0 0.0
LAB*LABt 37.37 0.0 0.0
LAB*LABu 37.37 0.0 0.0
LAB*LABv 37.37 0.0 0.0
LAB*LABw 37.37 0.0 0.0
LAB*LABx 37.37 0.0 0.0
LAB*LABy 37.37 0.0 0.0
LAB*LABz 37.37 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.25 0.0 0.0 (1.0)
cmyn3* 0.25 0.0 0.0 (0.0)
olv4* 1.0 0.0 0.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 27.69 16.75 9.67
LAB*LABa 27.69 16.75 9.67
LAB*LABb 27.69 16.75 9.67
LAB*LABc 27.69 16.75 9.67
LAB*LABd 27.69 16.75 9.67
LAB*LABe 27.69 16.75 9.67
LAB*LABf 27.69 16.75 9.67
LAB*LABg 27.69 16.75 9.67
LAB*LABh 27.69 16.75 9.67
LAB*LABi 27.69 16.75 9.67
LAB*LABj 27.69 16.75 9.67
LAB*LABk 27.69 16.75 9.67
LAB*LABl 27.69 16.75 9.67
LAB*LABm 27.69 16.75 9.67
LAB*LABn 27.69 16.75 9.67
LAB*LABo 27.69 16.75 9.67
LAB*LABp 27.69 16.75 9.67
LAB*LABq 27.69 16.75 9.67
LAB*LABr 27.69 16.75 9.67
LAB*LABs 27.69 16.75 9.67
LAB*LABt 27.69 16.75 9.67
LAB*LABu 27.69 16.75 9.67
LAB*LABv 27.69 16.75 9.67
LAB*LABw 27.69 16.75 9.67
LAB*LABx 27.69 16.75 9.67
LAB*LABy 27.69 16.75 9.67
LAB*LABz 27.69 16.75 9.67

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (1.0)
cmyn3* 0.0 0.0 0.0 (0.0)
olv4* 1.0 0.0 0.0 (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 18.03 0.0 0.0
LAB*LABc 18.03 0.0 0.0
LAB*LABd 18.03 0.0 0.0
LAB*LABe 18.03 0.0 0.0
LAB*LABf 18.03 0.0 0.0
LAB*LABg 18.03 0.0 0.0
LAB*LABh 18.03 0.0 0.0
LAB*LABi 18.03 0.0 0.0
LAB*LABj 18.03 0.0 0.0
LAB*LABk 18.03 0.0 0.0
LAB*LABl 18.03 0.0 0.0
LAB*LABm 18.03 0.0 0.0
LAB*LABn 18.03 0.0 0.0
LAB*LABo 18.03 0.0 0.0
LAB*LABp 18.03 0.0 0.0
LAB*LABq 18.03 0.0 0.0
LAB*LABr 18.03 0.0 0.0
LAB*LABs 18.03 0.0 0.0
LAB*LABt 18.03 0.0 0.0
LAB*LABu 18.03 0.0 0.0
LAB*LABv 18.03 0.0 0.0
LAB*LABw 18.03 0.0 0.0
LAB*LABx 18.03 0.0 0.0
LAB*LABy 18.03 0.0 0.0
LAB*LABz 18.03 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (1.0)
cmyn3* 0.0 0.0 0.0 (0.0)
olv4* 1.0 0.0 0.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 9.01 0.0 0.0
LAB*LABa 9.01 0.0 0.0
LAB*LABb 9.01 0.0 0.0
LAB*LABc 9.01 0.0 0.0
LAB*LABd 9.01 0.0 0.0
LAB*LABe 9.01 0.0 0.0
LAB*LABf 9.01 0.0 0.0
LAB*LABg 9.01 0.0 0.0
LAB*LABh 9.01 0.0 0.0
LAB*LABi 9.01 0.0 0.0
LAB*LABj 9.01 0.0 0.0
LAB*LABk 9.01 0.0 0.0
LAB*LABl 9.01 0.0 0.0
LAB*LABm 9.01 0.0 0.0
LAB*LABn 9.01 0.0 0.0
LAB*LABo 9.01 0.0 0.0
LAB*LABp 9.01 0.0 0.0
LAB*LABq 9.01 0.0 0.0
LAB*LABr 9.01 0.0 0.0
LAB*LABs 9.01 0.0 0.0
LAB*LABt 9.01 0.0 0.0
LAB*LABu 9.01 0.0 0.0
LAB*LABv 9.01 0.0 0.0
LAB*LABw 9.01 0.0 0.0
LAB*LABx 9.01 0.0 0.0
LAB*LABy 9.01 0.0 0.0
LAB*LABz 9.01 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (1.0)
cmyn3* 0.0 0.0 0.0 (0.0)
olv4* 1.0 0.0 0.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 0.01 0.0 0.0
LAB*LABa 0.01 0.0 0.0
LAB*LABb 0.01 0.0 0.0
LAB*LABc 0.01 0.0 0.0
LAB*LABd 0.01 0.0 0.0
LAB*LABe 0.01 0.0 0.0
LAB*LABf 0.01 0.0 0.0
LAB*LABg 0.01 0.0 0.0
LAB*LABh 0.01 0.0 0.0
LAB*LABi 0.01 0.0 0.0
LAB*LABj 0.01 0.0 0.0
LAB*LABk 0.01 0.0 0.0
LAB*LABl 0.01 0.0 0.0
LAB*LABm 0.01 0.0 0.0
LAB*LABn 0.01 0.0 0.0
LAB*LABo 0.01 0.0 0.0
LAB*LABp 0.01 0.0 0.0
LAB*LABq 0.01 0.0 0.0
LAB*LABr 0.01 0.0 0.0
LAB*LABs 0.01 0.0 0.0
LAB*LABt 0.01 0.0 0.0
LAB*LABu 0.01 0.0 0.0
LAB*LABv 0.01 0.0 0.0
LAB*LABw 0.01 0.0 0.0
LAB*LABx 0.01 0.0 0.0
LAB*LABy 0.01 0.0 0.0
LAB*LABz 0.01 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (1.0)
cmyn3* 0.0 0.0 0.0 (0.0)
olv4* 1.0 0.0 0.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 0.0 0.0 0.0
LAB*LABa 0.0 0.0 0.0
LAB*LABb 0.0 0.0 0.0
LAB*LABc 0.0 0.0 0.0
LAB*LABd 0.0 0.0 0.0
LAB*LABe 0.0 0.0 0.0
LAB*LABf 0.0 0.0 0.0
LAB*LABg 0.0 0.0 0.0
LAB*LABh 0.0 0.0 0.0
LAB*LABi 0.0 0.0 0.0
LAB*LABj 0.0 0.0 0.0
LAB*LABk 0.0 0.0 0.0
LAB*LABl 0.0 0.0 0.0
LAB*LABm 0.0 0.0 0.0
LAB*LABn 0.0 0.0 0.0
LAB*LABo 0.0 0.0 0.0
LAB*LABp 0.0 0.0 0.0
LAB*LABq 0.0 0.0 0.0
LAB*LABr 0.0 0.0 0.0
LAB*LABs 0.0 0.0 0.0
LAB*LABt 0.0 0.0 0.0
LAB*LABu 0.0 0.0 0.0
LAB*LABv 0.0 0.0 0.0
LAB*LABw 0.0 0.0 0.0
LAB*LABx 0.0 0.0 0.0
LAB*LABy 0.0 0.0 0.0
LAB*LABz 0.0 0.0 0.0

SRS18; adaptierte CIELAB-Daten

	$L^*=L_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	56.71	67.03	38.7	77.4	30
Y _{Ma}	56.71	0.0	77.4	77.4	90
L _{Ma}	56.71	-67.02	38.7	77.4	150
C _{Ma}	56.71	-67.02	-38.69	77.4	210
V _{Ma}	56.71	0.0	-77.39	77.4	270
M _{Ma}	56.71	67.03	-38.69	77.4	330
N _{Ma}	18.01	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 _{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

$g^*_{H,rel} = 100$

$g^*_{C,rel} = 100$

1.00

0.75

$n^* = 0.00$

0.25

$n^* = 0.25$

Schwarzheit n^*

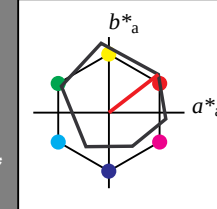
0.00

relative Buntheit c^*

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)
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 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 85.73 16.75 9.67
LAB*LABa 85.73 16.75 9.67
LAB*LABb 85.73 16.75 9.67
LAB*LABc 85.73 16.75 9.67
LAB*LABd 85.73 16.75 9.67
LAB*LABe 85.73 16.75 9.67
LAB*LABf 85.73 16.75 9.67
LAB*LABg 85.73 16.75 9.67
LAB*LABh 85.73 16.75 9.67
LAB*LABi 85.73 16.75 9.67
LAB*LABj 85.73 16.75 9.67
LAB*LABk 85.73 16.75 9.67
LAB*LABl 85.73 16.75 9.67
LAB*LABm 85.73 16.75 9.67
LAB*LABn 85.73 16.75 9.67
LAB*LABo 85.73 16.75 9.67
LAB*LABp 85.73 16.75 9.67
LAB*LABq 85.73 16.75 9.67
LAB*LABr 85.73 16.75 9.67
LAB*LABs 85.73 16.75 9.67
LAB*LABt 85.73 16.75 9.67
LAB*LABu 85.73 16.75 9.67
LAB*LABv 85.73 16.75 9.67
LAB*LABw 85.73 16.75 9.67
LAB*LABx 85.73 16.75 9.67
LAB*LABy 85.73 16.75 9.67
LAB*LABz 85.73 16.75 9.67

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

Eingabe: Farbmetrisches Standard-Reflektiv-System SRS18

für Buntton $h^* = lab^*h = 90/360 = 0.25$

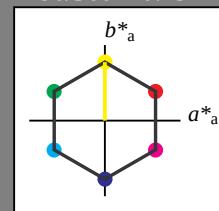
lab^*ch und lab^*nch

D65: Buntton Y

LCH*Ma: 57 77 90

olv*Ma: 1.0 1.0 0.0

Dreiecks-Helligkeit t^*



SRS18; adaptierte CIELAB-Daten

	$L^*=L_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	56.71	67.03	38.7	77.4	30
Y _{Ma}	56.71	0.0	77.4	77.4	90
L _{Ma}	56.71	-67.02	38.7	77.4	150
C _{Ma}	56.71	-67.02	-38.69	77.4	210
V _{Ma}	56.71	0.0	-77.39	77.4	270
M _{Ma}	56.71	67.03	-38.69	77.4	330
N _{Ma}	18.01	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 _{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

$g^*_{H,rel} = 100$

$g^*_{C,rel} = 100$

1,00

0,75

$n^* = 0,00$

0,25

0,00

Schwarzheit n^*

relative Buntheit c^*

Ausgabe: Farbmetrisches Offset-Reflektiv-System ORS18

für Buntton $h^* = lab^*h = 96/360 = 0.268$

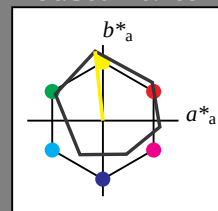
lab^*ch und lab^*nch

D65: Buntton Y

LCH*Ma: 90 92 96

olv*Ma: 1.0 1.0 0.0

Dreiecks-Helligkeit t^*



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
RC _{IE}	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

%Regularität

$g^*_{H,rel} = 57$

$g^*_{C,rel} = 59$

1,00

0,75

$n^* = 0,00$

0,25

0,00

Schwarzheit n^*

relative Buntheit c^*

OG570-7, 5 stufige Reihen für konstanten CIELAB Buntton 90/360 = 0.25 (links)

5 stufige Reihen für konstanten CIELAB Buntton 96/360 = 0.268 (rechts)

BAM-Prüfvorlage OG57; Farbmetrik-Systeme SRS18 & ORS18 input: $cmY0^* setcmykcolor$

D65: 2 Koordinatendaten von 5stufigen Farbreihen für 10 Bunttöne output: *no change compared to input*

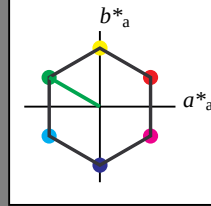
Eingabe: Farbmetrisches Standard-Reflektiv-System SRS18

für Buntton $h^* = lab^*h = 150/360 = 0.417$

lab^*ch und lab^*nch

D65: Buntton L
LCH*Ma: 57 77 150
olv*Ma: 0.0 1.0 0.0

Dreiecks-Helligkeit t^*



$u^*_{rel} = 100$

relative Inform. Technology (IT)

olv3*	0.75	0.75	0.75	(1.0)
cmv3*	0.25	0.25	0.25	(0.0)
olv4*	1.0	1.0	1.0	0.5
cmv4*	0.0	0.0	0.0	0.5
LAB*LAB	95.41	0.0	0.0	
LAB*LABa	95.41	0.0	0.0	
LAB*TCHa	99.99	0.01	0.0	

relative Inform. Technology (IT)

olv3*	0.75	0.75	0.75	(1.0)
cmv3*	0.25	0.25	0.25	(0.0)
olv4*	1.0	1.0	1.0	0.5
cmv4*	0.0	0.0	0.0	0.5
LAB*LAB	95.41	0.0	0.0	
LAB*LABa	95.41	0.0	0.0	
LAB*TCHa	99.99	0.01	0.0	

standard and adapted CIELAB

LAB*LAB	95.41	0.0	0.0	
LAB*LABa	95.41	0.0	0.0	
LAB*TCHa	99.99	0.01	0.0	

relative Inform. Technology (IT)

olv3*	0.75	0.75	0.75	(1.0)
cmv3*	0.25	0.25	0.25	(0.0)
olv4*	1.0	1.0	1.0	0.5
cmv4*	0.0	0.0	0.0	0.5
LAB*LAB	95.41	0.0	0.0	
LAB*LABa	95.41	0.0	0.0	
LAB*TCHa	99.99	0.01	0.0	

relative Inform. Technology (IT)

olv3*	0.75	0.75	0.75	(1.0)
cmv3*	0.25	0.25	0.25	(0.0)
olv4*	1.0	1.0	1.0	0.5
cmv4*	0.0	0.0	0.0	0.5
LAB*LAB	95.41	0.0	0.0	
LAB*LABa	95.41	0.0	0.0	
LAB*TCHa	99.99	0.01	0.0	

relative Inform. Technology (IT)

olv3*	0.75	0.75	0.75	(1.0)
cmv3*	0.25	0.25	0.25	(0.0)
olv4*	1.0	1.0	1.0	0.5
cmv4*	0.0	0.0	0.0	0.5
LAB*LAB	95.41	0.0	0.0	
LAB*LABa	95.41	0.0	0.0	
LAB*TCHa	99.99	0.01	0.0	

standard and adapted CIELAB

LAB*LAB	95.41	0.0	0.0	
LAB*LABa	95.41	0.0	0.0	
LAB*TCHa	99.99	0.01	0.0	

relative Inform. Technology (IT)

olv3*	0.75	0.75	0.75	(1.0)
cmv3*	0.25	0.25	0.25	(0.0)
olv4*	1.0	1.0	1.0	0.5
cmv4*	0.0	0.0	0.0	0.5
LAB*LAB	95.41	0.0	0.0	
LAB*LABa	95.41	0.0	0.0	
LAB*TCHa	99.99	0.01	0.0	

relative Inform. Technology (IT)

olv3*	0.75	0.75	0.75	(1.0)
cmv3*	0.25	0.25	0.25	(0.0)
olv4*	1.0	1.0	1.0	0.5
cmv4*	0.0	0.0	0.0	0.5
LAB*LAB	95.41	0.0	0.0	
LAB*LABa	95.41	0.0	0.0	
LAB*TCHa	99.99	0.01	0.0	

relative Inform. Technology (IT)

olv3*	0.75	0.75	0.75	(1.0)
cmv3*	0.25	0.25	0.25	(0.0)
olv4*	1.0	1.0	1.0	0.5
cmv4*	0.0	0.0	0.0	0.5
LAB*LAB	95.41	0.0	0.0	
LAB*LABa	95.41	0.0	0.0	
LAB*TCHa	99.99	0.01	0.0	

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olv3*	0.75	0.75	0.75	(1.0)
cmv3*	0.25	0.25	0.25	(0.0)
olv4*	1.0	1.0	1.0	0.5
cmv4*	0.0	0.0	0.0	0.5
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LAB*LABa	95.41	0.0	0.0	
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olv4*	1.0	1.0	1.0	0.5
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LAB*LABa	95.41	0.0	0.0	
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standard and adapted CIELAB

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LAB*LABa	95.41	0.0	0.0	
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SRS18; adaptierte CIELAB-Daten

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C _{Ma}	56.71	-67.02	-38.69	77.4	210
V _{Ma}	56.71	0.0	-77.39	77.4	270
M _{Ma}	56.71	67.03	-38.69	77.4	330
N _{Ma}	18.01	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 _{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

$g^*_{H,rel} = 100$

$g^*_{C,rel} = 100$

relative Inform. Technology (IT)

olv3*	0.75	0.75	0.75	(1.0)
cmv3*	0.25	0.25	0.25	(0.0)
olv4*	1.0	1.0	1.0	0.5
cmv4*	0.0	0.0	0.0	0.5
LAB*LAB	95.41	0.0	0.0	
LAB*LABa	95.41	0.0	0.0	
LAB*TCHa	99.99	0.01	0.0	

standard and adapted CIELAB

LAB*LAB	95.41	0.0	0.0	
LAB*LABa	95.41	0.0	0.0	
LAB*TCHa	99.99	0.01	0.0	

relative Inform. Technology (IT)

olv3*	0.75	0.75	0.75	(1.0)
cmv3*	0.25	0.25	0.25	(0.0)
olv4*	1.0	1.0	1.0	0.5
cmv4*	0.0	0.0	0.0	0.5
LAB*LAB	95.41	0.0	0.0	
LAB*LABa	95.41	0.0	0.0	
LAB*TCHa	99.99	0.01	0.0	

standard and adapted CIELAB

LAB*LAB	95.41	0.0	0.0	
LAB*LABa	95.41	0.0	0.0	
LAB*TCHa	99.99	0.01	0.0	

relative Inform. Technology (IT)

olv3*	0.75	0.75	0.75	(1.0)
cmv3*	0.25	0.25	0.25	(0.0)
olv4*	1.0	1.0	1.0	0.5
cmv4*	0.0	0.0	0.0	0.5
LAB*LAB	95.41	0.0	0.0	
LAB*LABa	95.41	0.0	0.0	
LAB*TCHa	99.99	0.01	0.0	

standard and adapted CIELAB

LAB*LAB	95.41	0.0	0.0	
LAB*LABa	95.41	0.0	0.0	
LAB*TCHa	99.99	0.01	0.0	

relative Inform. Technology (IT)

olv3*	0.75	0.75	0.75	(1.0)
cmv3*	0.25	0.25	0.25	(0.0)
olv4*	1.0	1.0	1.0	0.5
cmv4*	0.0	0.0	0.0	0.5
LAB*LAB	95.41	0.0	0.0	
LAB*LABa	95.41	0.0	0.0	
LAB*TCHa	99.99	0.01	0.0	

standard and adapted CIELAB

LAB*LAB	95.41	0.0	0.0	
LAB*LABa	95.41	0.0	0.0	
LAB*TCHa	99.99	0.01	0.0	

relative Inform. Technology (IT)

olv3*	0.75	0.75	0.75	(1.0)
cmv3*	0.25	0.25	0.25	(0.0)
olv4*	1.0	1.0	1.0	0.5
cmv4*	0.0	0.0	0.0	0.5
LAB*LAB	95.41	0.0	0.0	
LAB*LABa	95.41	0.0	0.0	
LAB*TCHa	99.99	0.01	0.0	

standard and adapted CIELAB

LAB*LAB	95.41	0.0	0.0	
LAB*LABa	95.41	0.0	0.0	
LAB*TCHa	99.99	0.01	0.0	

relative Inform. Technology (IT)

olv3*	0.75	0.75	0.75	(1.0)
cmv3*	0.25	0.25	0.25	(0.0)
olv4*	1.0	1.0	1.0	0.5
cmv4*	0.0	0.0	0.0	0.5
LAB*LAB	95.41	0.0	0.0	
LAB*LABa	95.41	0.0	0.0	
LAB*TCHa	99.99	0.01	0.0	

standard and adapted CIELAB

LAB*LAB	95.41	0.0	0.0	
LAB*LABa	95.41	0.0	0.0	
LAB*TCHa	99.99	0.01	0.0	

relative Inform. Technology (IT)

olv3*	0.75	0.75	0.75	(1.0)
cmv3*	0.25	0.25	0.25	(0.0)
olv4*	1.0	1.0	1.0	0.5
cmv4*	0.0	0.0	0.0	0.5
LAB*LAB	95.41	0.0	0.0	
LAB*LABa	95.41	0.0	0.0	
LAB*TCHa	99.99	0.01	0.0	

standard and adapted CIELAB

LAB*LAB	95.41	0.0	0.0	
LAB*LABa	95.41	0.0	0.0	
LAB*TCHa	99.99	0.01	0.0	

relative Inform. Technology (IT)

olv3*	0.75	0.75	0.75	(1.0)
cmv3*	0.25	0.25	0.25	(0.0)
olv4*	1.0	1.0	1.0	0.5
cmv4*	0.0	0.0	0.0	0.5
LAB*LAB	95.41	0.0	0.0	
LAB*LABa	95.41	0.0	0.0	
LAB*TCHa	99.99	0.01	0.0	

standard and adapted CIELAB

LAB*LAB	95.41	0.0	0.0	
LAB*LABa	95.41	0.0	0.0	
LAB*TCHa	99.99	0.01	0.0	

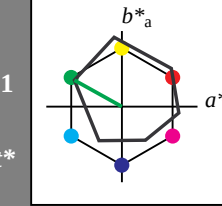
Ausgabe: Farbmetrisches Offset-Reflektiv-System ORS18

für Buntton $h^* = lab^*h = 151/360 = 0.419$

lab^*ch und lab^*nch

D65: Buntton L
LCH*Ma: 51 72 151
olv*Ma: 0.0 1.0 0.0

Dreiecks-Helligkeit t^*



Eingabe: Farbmetrisches Standard-Reflektiv-System SRS18

für Buntton $h^* = lab^*h = 210/360 = 0.583$

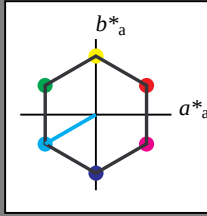
lab^*ch und lab^*nch

D65: Buntton C

LCH*Ma: 57 77 210

olv*Ma: 0.0 1.0 1.0

Dreiecks-Helligkeit t^*



%Umfang

$u^*_{rel} = 100$

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
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 1.0 1.0 (1.0)
cmyn3* 0.25 0.0 0.0 (0.0)
olv4* 0.75 1.0 1.0 (1.0)
cmyn4* 0.25 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 85.73 -16.74 -9.66
LAB*LABa 85.73 -16.74 -9.66
LAB*LABb 85.73 -16.74 -9.66
LAB*LABc 85.73 -16.74 -9.66
relative CIELAB lab*
lab*lab 0.875 -0.215 -0.124
lab*ch 0.875 0.25 0.583
lab*nch 0.0 0.25 0.583
relative Natural Colour (NC)
lab*trj 0.875 -0.192 -0.157
lab*trc 0.875 0.25 0.583
lab*ncc 0.0 0.25 0.583

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
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 0.5 0.5 (0.0)
olv4* 0.75 1.0 1.0 (1.0)
cmyn4* 0.25 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 66.39 -16.75 -9.67
LAB*LABa 66.39 -16.75 -9.67
LAB*LABb 66.39 -16.75 -9.67
LAB*LABc 66.39 -16.75 -9.67
relative CIELAB lab*
lab*lab 0.625 -0.192 -0.157
lab*ch 0.625 0.25 0.583
lab*nch 0.0 0.25 0.583
relative Natural Colour (NC)
lab*trj 0.625 -0.192 -0.157
lab*trc 0.625 0.25 0.583
lab*ncc 0.0 0.25 0.583

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 (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 56.72 0.0 0.0
LAB*LABc 56.72 0.0 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 0.25 0.25 (0.0)
olv4* 0.75 1.0 1.0 (1.0)
cmyn4* 0.25 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 47.04 -16.75 -9.67
LAB*LABa 47.04 -16.75 -9.67
LAB*LABb 47.04 -16.75 -9.67
LAB*LABc 47.04 -16.75 -9.67
relative CIELAB lab*
lab*lab 0.375 -0.124 -0.124
lab*ch 0.375 0.25 0.583
lab*nch 0.0 0.25 0.583
relative Natural Colour (NC)
lab*trj 0.375 -0.124 -0.124
lab*trc 0.375 0.25 0.583
lab*ncc 0.0 0.25 0.583

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 37.36 -16.75 -9.67
LAB*LABa 37.36 -16.75 -9.67
LAB*LABb 37.36 -16.75 -9.67
LAB*LABc 37.36 -16.75 -9.67
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* 0.25 0.25 0.25 (1.0)
cmyn3* 0.75 0.5 0.5 (0.0)
olv4* 0.75 1.0 1.0 (1.0)
cmyn4* 0.25 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 27.69 -16.74 -9.66
LAB*LABa 27.69 -16.74 -9.66
LAB*LABb 27.69 -16.74 -9.66
LAB*LABc 27.69 -16.74 -9.66
relative CIELAB lab*
lab*lab 0.125 -0.215 -0.124
lab*ch 0.125 0.25 0.583
lab*nch 0.0 0.25 0.583
relative Natural Colour (NC)
lab*trj 0.125 -0.215 -0.124
lab*trc 0.125 0.25 0.583
lab*ncc 0.0 0.25 0.583

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 18.03 0.0 0.0
LAB*LABa 18.03 0.0 0.0
LAB*LABb 18.03 0.0 0.0
LAB*LABc 18.03 0.0 0.0
relative CIELAB lab*
lab*lab 0.0 0.0 0.0
lab*ch 0.0 0.0 0.0
lab*nch 0.0 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 0.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 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 0.0 0.0 0.0
LAB*LABa 0.0 0.0 0.0
LAB*LABb 0.0 0.0 0.0
LAB*LABc 0.0 0.0 0.0
relative CIELAB lab*
lab*lab 0.0 0.0 0.0
lab*ch 0.0 0.0 0.0
lab*nch 0.0 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 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 (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 18.03 0.0 0.0
LAB*LABc 18.03 0.0 0.0
relative CIELAB lab*
lab*lab 0.0 0.0 0.0
lab*ch 0.0 0.0 0.0
lab*nch 0.0 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 0.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 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 0.0 0.0 0.0
LAB*LABa 0.0 0.0 0.0
LAB*LABb 0.0 0.0 0.0
LAB*LABc 0.0 0.0 0.0
relative CIELAB lab*
lab*lab 0.0 0.0 0.0
lab*ch 0.0 0.0 0.0
lab*nch 0.0 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 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 (1.0)
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 18.03 0.0 0.0
LAB*LABc 18.03 0.0 0.0
relative CIELAB lab*
lab*lab 0.0 0.0 0.0
lab*ch 0.0 0.0 0.0
lab*nch 0.0 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 0.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.125 -0.215 -0.124
lab*ch 0.125 0.25 0.583
lab*nch 0.0 0.25 0.583
relative Natural Colour (NC)
lab*trj 0.125 -0.215 -0.124
lab*trc 0.125 0.25 0.583
lab*ncc 0.0 0.25 0.583

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 1.0 (1.0)
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 18.03 0.0 0.0
LAB*LABc 18.03 0.0 0.0
relative CIELAB lab*
lab*lab 0.0 0.0 0.0
lab*ch 0.0 0.0 0.0
lab*nch 0.0 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 0.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 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 0.0 0.0 0.0
LAB*LABa 0.0 0.0 0.0
LAB*LABb 0.0 0.0 0.0
LAB*LABc 0.0 0.0 0.0
relative CIELAB lab*
lab*lab 0.0 0.0 0.0
lab*ch 0.0 0.0 0.0
lab*nch 0.0 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 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 (1.0)
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 18.03 0.0 0.0
LAB*LABc 18.03 0.0 0.0
relative CIELAB lab*
lab*lab 0.0 0.0 0.0
lab*ch 0.0 0.0 0.0
lab*nch 0.0 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 0.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 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 0.0 0.0 0.0
LAB*LABa 0.0 0.0 0.0
LAB*LABb 0.0 0.0 0.0
LAB*LABc 0.0 0.0 0.0
relative CIELAB lab*
lab*lab 0.0 0.0 0.0
lab*ch 0.0 0.0 0.0
lab*nch 0.0 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 0.0 0.0 0.0

SRS18; adaptierte CIELAB-Daten

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	56.71	67.03	38.7	77.4	30
Y _{Ma}	56.71	0.0	77.4	77.4	90
L _{Ma}	56.71	-67.02	38.7	77.4	150
C _{Ma}	56.71	-67.02	-38.69	77.4	210
V _{Ma}	56.71	0.0	-77.39	77.4	270
M _{Ma}	56.71	67.03	-38.69	77.4	330
N _{Ma}	18.01	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 _{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

$g^*_{H,rel} = 100$

$g^*_{C,rel} = 100$

relative Inform. Technology (IT)
olv3* 0.5 0.5 0.5 (1.0)
cmyn3* 0.5 0.5 0.5 (0.0)
olv4* 0.5 1.0 1.0 (1.0)
cmyn4* 0.5 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
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 1.0 1.0 (1.0)
cmyn3* 0.75 0.25 0.25 (0.0)
olv4* 0.25 1.0 1.0 (1.0)
cmyn4* 0.75 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 66.38 -50.26 -29.01
LAB*LABa 66.38 -50.26 -29.01
LAB*LABb 66.38 -50.26 -29.01
LAB*LABc 66.38 -50.26 -29.01
relative CIELAB lab*
lab*lab 0.52 -0.648 -0.374
lab*ch 0.52 0.75 0.583
lab*nch 0.0 0.75 0.583
relative Natural Colour (NC)
lab*trj 0.52 -0.648 -0.374
lab*trc 0.52 0.75 0.583
lab*ncc 0.0 0.75 0.583

relative Inform. Technology (IT)
olv3* 0.0 1.0 1.0 (1.0)
cmyn3* 1.0 0.0 0.0 (0.0)
olv4* 0.0 1.0 1.0 (1.0)
cmyn4* 1.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 56.71 -33.5 -19.34
LAB*LABa 56.71 -33.5 -19.34
LAB*LABb 56.71 -33.5 -19.34
LAB*LABc 56.71 -33.5 -19.34
relative CIELAB lab*
lab*lab 0.0 0.5 0.583
lab*ch 0.0 0.5 0.583
lab*nch 0.5 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.0 0.5 0.583
lab*trc 0.0 0.5 0.583
lab*ncc 0.5 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* 0.5 1.0 1.0 (1.0)
cmyn4* 0.5 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 56.71 -33.5 -19.34
LAB*LABa 56.71 -33.5 -19.34
LAB*LABb 56.71 -33.5 -19.34
LAB*LABc 56.71 -33.5 -19.34
relative CIELAB lab*
lab*lab 0.5 0.25 0.25
lab*ch 0.5 0.25 0.25
lab*nch 0.0 0.25 0.25
relative Natural Colour (NC)
lab*trj 0.5 0.25 0.25
lab*trc 0.5 0.25 0.25
lab*ncc 0.0 0.25 0.25

relative Inform. Technology (IT)
olv3* 0.0 0.5 0.5 (1.0)
cmyn3* 1.0 0.25 0.25 (0.0)
olv4* 0.25 1.0 1.0 (1.0)
cmyn4* 0.75 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 47.04 -50.26 -29.01
LAB*LABa 47.04 -50.26 -29.01
LAB*LABb 47.04 -50.26 -29.01
LAB*LABc 47.04 -50.26 -29.01
relative CIELAB lab*
lab*lab 0.375 -0.38 -0.474
lab*ch 0.375 0.75 0.583
lab*nch 0.0 0.75 0.583
relative Natural Colour (NC)
lab*trj 0.375 -0.38 -0.474
lab*trc 0.375 0.75 0.583
lab*ncc 0.0 0.75 0.583

relative Inform. Technology (IT)
olv3* 0.0 0.5 0.5 (1.0)
cmyn3* 1.0 0.25 0.25 (0.0)
olv4* 0.25 1.0 1.0 (1.0)
cmyn4* 0.75 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 56.71 -33.5 -19.34
LAB*LABa 56.71 -33.5 -19.34
LAB*LABb 56.71 -33.5 -19.34
LAB*LABc 56.71 -33.5 -19.34
relative CIELAB lab*
lab*lab 0.5 0.25 0.25
lab*ch 0.5 0.25 0.25
lab*nch 0.0 0.25 0.25
relative Natural Colour (NC)
lab*trj 0.5 0.25 0.25
lab*trc 0.5 0.25 0.25
lab*ncc 0.0 0.25 0.25

relative Inform. Technology (IT)
olv3* 0.0 0.5 0.5 (1.0)
cmyn3* 1.0 0.25 0.25 (0.0)
olv4* 0.25 1.0 1.0 (1.0)
cmyn4* 0.75 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 47.04 -50.26 -29.01
LAB*LABa 47.04 -50.26 -29.01
LAB*LABb 47.04 -50.26 -29.01
LAB*LABc 47.04 -50.26 -29.01
relative CIELAB lab*
lab*lab 0.375 -0.38 -0.474
lab*ch 0.375 0.75 0.583
lab*nch 0.0 0.75 0.583
relative Natural Colour (NC)
lab*trj 0.375 -0.38 -0.474
lab*trc 0.375 0.75 0.583
lab*ncc 0.0 0.75 0.583

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 37.36 -16.75 -9.67
LAB*LABa 37.36 -16.75 -9.67
LAB*LABb 37.36 -16.75 -9.67
LAB*LABc 37.36 -16.75 -9.67
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* 0.25 1.0 1.0 (1.0)
cmyn4* 0.75 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 56.71 -33.5 -19.34
LAB*LABa 56.71 -33.5 -19.34
LAB*LABb 56.71 -33.5 -19.34
LAB*LABc 56.71 -33.5 -19.34
relative CIELAB lab*
lab*lab 0.5 0.25 0.25
lab*ch 0.5 0.25 0.25
lab*nch 0.0 0.25 0.25
relative Natural Colour (NC)
lab*trj 0.5 0.25 0.25
lab*trc 0.5 0.25 0.25
lab*ncc 0.0 0.25 0.25

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 37.36 -16.75 -9.67
LAB*LABa 37.36 -16.75 -9.67
LAB*LABb 37.36 -16.75 -9.67
LAB*LABc 37.36 -16.75 -9.67
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* 0.25 1.0 1.0 (1.0)
cmyn4* 0.75 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 56.71 -33.5 -19.34
LAB*LABa 56.71 -33.5 -19.34
LAB*LABb 56.71 -33.5 -19.34
LAB*LABc 56.71 -33.5 -19.34
relative CIELAB lab*
lab*lab 0.5 0.25 0.25
lab*ch 0.5 0.25 0.25
lab*nch 0.0 0.25 0.25
relative Natural Colour (NC)
lab*trj 0.5 0.25 0.25
lab*trc 0.5 0.25 0.25
lab*ncc 0.0 0.25 0.25

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 37.36 -16.75 -9.67
LAB*LABa 37.36 -16.75 -9.67
LAB*LABb 37.36 -16.75 -9.67
LAB*LABc 37.36 -16.75 -9.67
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* 0.25 1.0 1.0 (1.0)
cmyn4* 0.75 0.0 0.0 (0.0)

Y	
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Siehe ähnliche Dateien: <http://www.ps.barn.de/OG57/>
Technische Information: <http://www.ps.barn.de> Version 2.1, io=0,0

BAM-Prüfvorlage OG57; Farbmetri.

D65: 2 Koordinatendaten von 5stufigen Farbreihen für 10 Bunttöne

input: $cmyO^+$ state
output: no change

S18 & ORS18 input: *cmY0** *setcmykcolor*

[illegible]

Scientific Basis

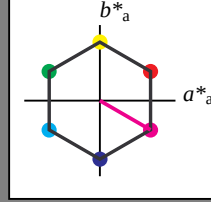
Eingabe: Farbmetrisches Standard-Reflektiv-System SRS18

für Buntton $h^* = lab^*h = 330/360 = 0.917$

lab^*ch und lab^*nch

D65: Buntton M
LCH*Ma: 57 77 330
olv*Ma: 1.0 0.0 1.0

Dreiecks-Helligkeit t^*



%Umfang

$u^*_{rel} = 100$

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)
LAB*LAB	56.71	0.0	0.0	0.0
LAB*Lab	56.71	0.0	0.0	0.0
LAB*Cha	56.71	0.0	0.0	0.0

standard and adapted CIELAB

LAB*LAB	56.71	0.0	0.0	0.0
LAB*Lab	56.71	0.0	0.0	0.0
LAB*Cha	56.71	0.0	0.0	0.0

relative CIELAB lab*

lab*lab	1.0	0.0	0.0	0.0
lab*ch	0.0	1.0	0.0	0.0
lab*nch	0.0	0.0	1.0	0.0
lab*tr	0.0	0.0	0.0	1.0
lab*ce	0.0	0.0	0.0	0.0
lab*nce	0.0	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	(1.0)
cmyn4*	0.0	0.0	0.0	(0.0)
LAB*LAB	56.71	0.0	0.0	0.0
LAB*Lab	56.71	0.0	0.0	0.0
LAB*Cha	56.71	0.0	0.0	0.0

standard and adapted CIELAB

LAB*LAB	56.71	0.0	0.0	0.0
LAB*Lab	56.71	0.0	0.0	0.0
LAB*Cha	56.71	0.0	0.0	0.0

relative CIELAB lab*

lab*lab	0.75	0.75	0.75	(1.0)
lab*ch	0.25	0.25	0.25	(0.0)
lab*nch	0.0	0.0	0.0	(0.0)
lab*tr	0.0	0.0	0.0	(0.0)
lab*ce	0.0	0.0	0.0	(0.0)
lab*nce	0.0	0.0	0.0	(0.0)

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	(1.0)
cmyn4*	0.0	0.0	0.0	(0.0)
LAB*LAB	56.71	0.0	0.0	0.0
LAB*Lab	56.71	0.0	0.0	0.0
LAB*Cha	56.71	0.0	0.0	0.0

standard and adapted CIELAB

LAB*LAB	56.71	0.0	0.0	0.0
LAB*Lab	56.71	0.0	0.0	0.0
LAB*Cha	56.71	0.0	0.0	0.0

relative CIELAB lab*

lab*lab	0.5	0.5	0.5	(1.0)
lab*ch	0.5	0.5	0.5	(0.0)
lab*nch	0.0	0.0	0.0	(0.0)
lab*tr	0.0	0.0	0.0	(0.0)
lab*ce	0.0	0.0	0.0	(0.0)
lab*nce	0.0	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	(1.0)
cmyn4*	0.0	0.0	0.0	(0.0)
LAB*LAB	56.71	0.0	0.0	0.0
LAB*Lab	56.71	0.0	0.0	0.0
LAB*Cha	56.71	0.0	0.0	0.0

standard and adapted CIELAB

LAB*LAB	56.71	0.0	0.0	0.0
LAB*Lab	56.71	0.0	0.0	0.0
LAB*Cha	56.71	0.0	0.0	0.0

relative CIELAB lab*

lab*lab	0.25	0.25	0.25	(1.0)
lab*ch	0.75	0.75	0.75	(0.0)
lab*nch	0.0	0.0	0.0	(0.0)
lab*tr	0.0	0.0	0.0	(0.0)
lab*ce	0.0	0.0	0.0	(0.0)
lab*nce	0.0	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)
LAB*LAB	56.71	0.0	0.0	0.0
LAB*Lab	56.71	0.0	0.0	0.0
LAB*Cha	56.71	0.0	0.0	0.0

standard and adapted CIELAB

LAB*LAB	56.71	0.0	0.0	0.0
LAB*Lab	56.71	0.0	0.0	0.0
LAB*Cha	56.71	0.0	0.0	0.0

relative CIELAB lab*

lab*lab	0.0	0.0	0.0	(1.0)
lab*ch	1.0	1.0	1.0	(0.0)
lab*nch	1.0	1.0	1.0	(1.0)
lab*tr	0.0	0.0	0.0	(0.0)
lab*ce	0.0	0.0	0.0	(0.0)
lab*nce	0.0	0.0	0.0	(0.0)

OG570-7, 5 stufige Reihen für konstanten CIELAB Buntton 330/360 = 0.917 (links)

BAM-Prüfvorlage OG57; Farbmetrik-Systeme SRS18 & ORS18 input: $cmY0^* setcmykcolor$

D65: 2 Koordinatendaten von 5stufigen Farbreihen für 10 Bunttöne n^* no change compared to input

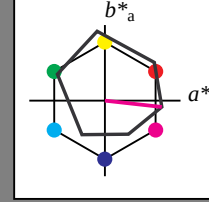
Ausgabe: Farbmetrisches Offset-Reflektiv-System ORS18

für Buntton $h^* = lab^*h = 354/360 = 0.982$

lab^*ch und lab^*nch

D65: Buntton M
LCH*Ma: 48 76 354
olv*Ma: 1.0 0.0 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)
LAB*LAB	56.71	0.0	0.0	0.0
LAB*Lab	56.71	0.0	0.0	0.0
LAB*Cha	56.71	0.0	0.0	0.0

standard and adapted CIELAB

LAB*LAB	56.71	0.0	0.0	0.0
LAB*Lab	56.71	0.0	0.0	0.0
LAB*Cha	56.71	0.0	0.0	0.0

relative CIELAB lab*

lab*lab	1.0	0.0	0.0	0.0
lab*ch	0.0	1.0	0.0	0.0
lab*nch	0.0	0.0	1.0	0.0
lab*tr	0.0	0.0	0.0	1.0
lab*ce	0.0	0.0	0.0	0.0
lab*nce	0.0	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	(1.0)
cmyn4*	0.0	0.0	0.0	(0.0)
LAB*LAB	56.71	0.0	0.0	0.0
LAB*Lab	56.71	0.0	0.0	0.0
LAB*Cha	56.71	0.0	0.0	0.0

standard and adapted CIELAB

LAB*LAB	56.71	0.0	0.0	0.0
LAB*Lab	56.71	0.0	0.0	0.0
LAB*Cha	56.71	0.0	0.0	0.0

relative CIELAB lab*

lab*lab	0.75	0.75	0.75	(1.0)
lab*ch	0.25	0.25	0.25	(0.0)
lab*nch	0.0	0.0	0.0	(0.0)
lab*tr	0.0	0.0	0.0	(0.0)
lab*ce	0.0	0.0	0.0	(0.0)
lab*nce	0.0	0.0	0.0	(0.0)

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	(1.0)
cmyn4*	0.0	0.0	0.0	(0.0)
LAB*LAB	56.71	0.0	0.0	0.0
LAB*Lab	56.71	0.0	0.0	0.0
LAB*Cha	56.71	0.0	0.0	0.0

standard and adapted CIELAB

LAB*LAB	56.71	0.0	0.0	0.0
LAB*Lab	56.71	0.0	0.0	0.0
LAB*Cha	56.71	0.0	0.0	0.0

relative CIELAB lab*

lab*lab	0.5	0.5	0.5	(1.0)
lab*ch	0.5	0.5	0.5	(0.0)
lab*nch	0.0	0.0	0.0	(0.0)
lab*tr	0.0	0.0	0.0	(0.0)
lab*ce	0.0	0.0	0.0	(0.0)
lab*nce	0.0	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	(1.0)
cmyn4*	0.0	0.0	0.0	(0.0)
LAB*LAB	56.71	0.0	0.0	0.0
LAB*Lab	56.71	0.0	0.0	0.0
LAB*Cha	56.71	0.0	0.0	0.0

standard and adapted CIELAB

LAB*LAB	56.71	0.0	0.0	0.0
LAB*Lab	56.71	0.0	0.0	0.0
LAB*Cha	56.71	0.0	0.0	0.0

relative CIELAB lab*

lab*lab	0.25	0.25	0.25	(1.0)
lab*ch	0.75	0.75	0.75	(0.0)
lab*nch	0.0	0.0	0.0	(0.0)
lab*tr	0.0	0.0	0.0	(0.0)
lab*ce	0.0	0.0	0.0	(0.0)
lab*nce	0.0	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)
LAB*LAB	56.71	0.0	0.0	0.0
LAB*Lab	56.71	0.0	0.0	0.0
LAB*Cha	56.71	0.0	0.0	0.0

standard and adapted CIELAB

LAB*LAB	56.71	0.0	0.0	0.0
LAB*Lab	56.71	0.0	0.0	0.0
LAB*Cha	56.71	0.0	0.0	0.0

relative CIELAB lab*

lab*lab	0.0	0.0	0.0	(1.0)
lab*ch	1.0	1.0	1.0	(0.0)
lab*nch	1.0	1.0	1.0	(1.0)
lab*tr	0.0	0.0	0.0	(0.0)
lab*ce	0.0	0.0	0.0	(0.0)
lab*nce	0.0	0.0	0.0	(0.0)

5 stufige Reihen für konstanten CIELAB Buntton 354/360 = 0.982 (rechts)

relative Buntheit c^*

relative Buntheit c^*

$n^* = 0.25$

$n^* = 0.25$

$n^* = 0.50$

$n^* = 0.50$

$n^* = 1.0$

$n^* = 1.0$

Schwarzheit n^*

Schwarzheit n^*

Eingabe: Farbmetrisches Standard-Reflektiv-System SRS18

für Buntton $h^* = lab^*h = 25/360 = 0.071$

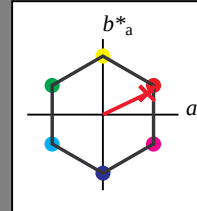
lab^*ch und lab^*nch

D65: Buntton R

LCH*Ma: 57 74 25

olv*Ma: 1.0 0.0 0.09

Dreiecks-Helligkeit t^*



%Umfang

$u^*_{rel} = 100$

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)
LAB*LAB	56.71	0.0	0.0	0.0
LAB*LABa	56.71	0.0	0.0	0.0
LAB*TCHa	56.71	0.0	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)
LAB*LAB	56.71	0.0	0.0	0.0
LAB*LABa	56.71	0.0	0.0	0.0
LAB*TCHa	56.71	0.0	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)
LAB*LAB	56.71	0.0	0.0	0.0
LAB*LABa	56.71	0.0	0.0	0.0
LAB*TCHa	56.71	0.0	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)
LAB*LAB	56.71	0.0	0.0	0.0
LAB*LABa	56.71	0.0	0.0	0.0
LAB*TCHa	56.71	0.0	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)
LAB*LAB	56.71	0.0	0.0	0.0
LAB*LABa	56.71	0.0	0.0	0.0
LAB*TCHa	56.71	0.0	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)
LAB*LAB	56.71	0.0	0.0	0.0
LAB*LABa	56.71	0.0	0.0	0.0
LAB*TCHa	56.71	0.0	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)
LAB*LAB	56.71	0.0	0.0	0.0
LAB*LABa	56.71	0.0	0.0	0.0
LAB*TCHa	56.71	0.0	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)
LAB*LAB	56.71	0.0	0.0	0.0
LAB*LABa	56.71	0.0	0.0	0.0
LAB*TCHa	56.71	0.0	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)
LAB*LAB	56.71	0.0	0.0	0.0
LAB*LABa	56.71	0.0	0.0	0.0
LAB*TCHa	56.71	0.0	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)
LAB*LAB	56.71	0.0	0.0	0.0
LAB*LABa	56.71	0.0	0.0	0.0
LAB*TCHa	56.71	0.0	0.0	0.0

SRS18; adaptierte CIELAB-Daten

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	56.71	67.03	38.7	77.4	30
Y _{Ma}	56.71	0.0	77.4	77.4	90
L _{Ma}	56.71	-67.02	38.7	77.4	150
C _{Ma}	56.71	-67.02	-38.69	77.4	210
V _{Ma}	56.71	0.0	-77.39	77.4	270
M _{Ma}	56.71	67.03	-38.69	77.4	330
N _{Ma}	18.01	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 _{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

$g^*_{H,rel} = 100$

$g^*_{C,rel} = 100$

$n^* = 0.00$

$n^* = 0.25$

$n^* = 0.50$

$n^* = 1.00$

$n^* = 1.00$

$n^* = 1.00$

$n^* = 1.00$

$n^* = 1.00$

$n^* = 1.00$

$n^* = 1.00$

$n^* = 1.00$

$n^* = 1.00$

$n^* = 1.00$

$n^* = 1.00$

$n^* = 1.00$

$n^* = 1.00$

$n^* = 1.00$

$n^* = 1.00$

$n^* = 1.00$

Ausgabe: Farbmetrisches Offset-Reflektiv-System ORS18

für Buntton $h^* = lab^*h = 25/360 = 0.069$

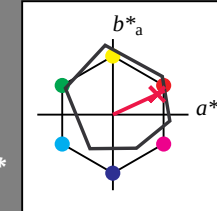
lab^*ch und lab^*nch

D65: Buntton R

LCH*Ma: 48 75 25

olv*Ma: 1.0 0.0 0.32

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)
LAB*LAB	56.71	0.0	0.0	0.0
LAB*LABa	56.71	0.0	0.0	0.0
LAB*TCHa	56.71	0.0	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)
LAB*LAB	56.71	0.0	0.0	0.0
LAB*LABa	56.71	0.0	0.0	0.0
LAB*TCHa	56.71	0.0	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)
LAB*LAB	56.71	0.0	0.0	0.0
LAB*LABa	56.71	0.0	0.0	0.0
LAB*TCHa	56.71	0.0	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)
LAB*LAB	56.71	0.0	0.0	0.0
LAB*LABa	56.71	0.0	0.0	0.0
LAB*TCHa	56.71	0.0	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)
LAB*LAB	56.71	0.0	0.0	0.0
LAB*LABa	56.71	0.0	0.0	0.0
LAB*TCHa	56.71	0.0	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)
LAB*LAB	56.71	0.0	0.0	0.0
LAB*LABa	56.71	0.0	0.0	0.0
LAB*TCHa	56.71	0.0	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)
LAB*LAB	56.71	0.0	0.0	0.0
LAB*LABa	56.71	0.0	0.0	0.0
LAB*TCHa	56.71	0.0	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)
LAB*LAB	56.71	0.0	0.0	0.0
LAB*LABa	56.71	0.0	0.0	0.0
LAB*TCHa	56.71	0.0	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)
LAB*LAB	56.71	0.0	0.0	0.0
LAB*LABa	56.71	0.0	0.0	0.0
LAB*TCHa	56.71	0.0	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)
LAB*LAB	56.71	0.0	0.0	0.0
LAB*LABa	56.71	0.0	0.0	0.0
LAB*TCHa	56.71	0.0	0.0	0.0

$n^* = 0.00$

$n^* = 0.25$

$n^* = 0.50$

$n^* = 1.00$

$n^* = 1.00$

OG570-7, 5 stufige Reihen für konstanten CIELAB Buntton 25/360 = 0.071 (links)

5 stufige Reihen für konstanten CIELAB Buntton 25/360 = 0.069 (rechts)

BAM-Prüfvorlage OG57; Farbmetrik-Systeme SRS18 & ORS18 input: cmy0* setcmykcolor

D65: 2 Koordinatendaten von 5stufigen Farbreihen für 10 Bunttöneinput: no change compared to input

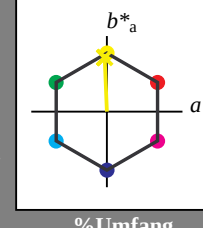
Eingabe: Farbmetrisches Standard-Reflektiv-System SRS18

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

lab^*ch und lab^*nch

D65: Buntton J
LCH*Ma: 57 76 92
olv*Ma: 0.95 1.0 0.0

Dreiecks-Helligkeit t^*



$u^*_{rel} = 100$

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)
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 Inform. Technology (IT)

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)	1.0	0.0	0.0	
lab*trj	0.0	0.0	0.0	
lab*trc	0.0	0.0	0.0	
lab*trb	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	(1.0)
cmyn4*	0.0	0.0	0.0	(0.0)
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 Inform. Technology (IT)

lab*lab	0.75	0.75	0.75	(1.0)
lab*ch	0.75	0.75	0.75	(1.0)
lab*nch	0.25	0.25	0.25	(0.0)
relative Natural Colour (NC)	0.75	0.75	0.75	(1.0)
lab*trj	0.75	0.75	0.75	(1.0)
lab*trc	0.75	0.75	0.75	(1.0)
lab*trb	0.75	0.75	0.75	(1.0)

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)
LAB*LAB	56.72	0.0	0.0	
LAB*LABa	56.72	0.0	0.0	
LAB*LABb	55.00	0.01	0.0	

relative Inform. Technology (IT)

lab*lab	0.5	0.5	0.5	(0.0)
lab*ch	0.5	0.5	0.5	(0.0)
lab*nch	0.5	0.5	0.5	(0.0)
relative Natural Colour (NC)	0.5	0.5	0.5	(0.0)
lab*trj	0.5	0.5	0.5	(0.0)
lab*trc	0.5	0.5	0.5	(0.0)
lab*trb	0.5	0.5	0.5	(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)
LAB*LAB	37.37	0.0	0.0	
LAB*LABa	37.37	0.0	0.0	
LAB*LABb	35.00	0.01	0.0	

relative Inform. Technology (IT)

lab*lab	0.25	0.25	0.25	(1.0)
lab*ch	0.25	0.25	0.25	(1.0)
lab*nch	0.75	0.75	0.75	(0.0)
relative Natural Colour (NC)	0.25	0.25	0.25	(1.0)
lab*trj	0.25	0.25	0.25	(1.0)
lab*trc	0.25	0.25	0.25	(1.0)
lab*trb	0.25	0.25	0.25	(1.0)

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)
LAB*LAB	18.03	0.0	0.0	
LAB*LABa	18.03	0.0	0.0	
LAB*LABb	16.00	0.01	0.0	

relative Inform. Technology (IT)

lab*lab	0.0	0.0	0.0	(1.0)
lab*ch	0.0	0.0	0.0	(1.0)
lab*nch	1.0	1.0	1.0	(0.0)
relative Natural Colour (NC)	0.0	0.0	0.0	(1.0)
lab*trj	0.0	0.0	0.0	(1.0)
lab*trc	0.0	0.0	0.0	(1.0)
lab*trb	0.0	0.0	0.0	(1.0)

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)
LAB*LAB	18.03	0.0	0.0	
LAB*LABa	18.03	0.0	0.0	
LAB*LABb	16.00	0.01	0.0	

SRS18; adaptierte CIELAB-Daten

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	56.71	67.03	38.7	77.4	30
Y _{Ma}	56.71	0.0	77.4	77.4	90
L _{Ma}	56.71	-67.02	38.7	77.4	150
C _{Ma}	56.71	-67.02	-38.69	77.4	210
V _{Ma}	56.71	0.0	-77.39	77.4	270
M _{Ma}	56.71	67.03	-38.69	77.4	330
N _{Ma}	18.01	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 _{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

$g^*_{H,rel} = 100$

$g^*_{C,rel} = 100$

relative Inform. Technology (IT)

lab*lab	0.75	0.75	0.75	(1.0)
lab*ch	0.75	0.75	0.75	(1.0)
lab*nch	0.25	0.25	0.25	(0.0)
relative Natural Colour (NC)	0.75	0.75	0.75	(1.0)
lab*trj	0.75	0.75	0.75	(1.0)
lab*trc	0.75	0.75	0.75	(1.0)
lab*trb	0.75	0.75	0.75	(1.0)

relative Inform. Technology (IT)

lab*lab	0.5	0.5	0.5	(0.0)
lab*ch	0.5	0.5	0.5	(0.0)
lab*nch	0.5	0.5	0.5	(0.0)
relative Natural Colour (NC)	0.5	0.5	0.5	(0.0)
lab*trj	0.5	0.5	0.5	(0.0)
lab*trc	0.5	0.5	0.5	(0.0)
lab*trb	0.5	0.5	0.5	(0.0)

relative Inform. Technology (IT)

lab*lab	0.25	0.25	0.25	(1.0)
lab*ch	0.25	0.25	0.25	(1.0)
lab*nch	0.75	0.75	0.75	(0.0)
relative Natural Colour (NC)	0.25	0.25	0.25	(1.0)
lab*trj	0.25	0.25	0.25	(1.0)
lab*trc	0.25	0.25	0.25	(1.0)
lab*trb	0.25	0.25	0.25	(1.0)

relative Inform. Technology (IT)

lab*lab	0.0	0.0	0.0	(1.0)
lab*ch	0.0	0.0	0.0	(1.0)
lab*nch	1.0	1.0	1.0	(0.0)
relative Natural Colour (NC)	0.0	0.0	0.0	(1.0)
lab*trj	0.0	0.0	0.0	(1.0)
lab*trc	0.0	0.0	0.0	(1.0)
lab*trb	0.0	0.0	0.0	(1.0)

relative Inform. Technology (IT)

lab*lab	0.0	0.0	0.0	(1.0)
lab*ch	0.0	0.0	0.0	(1.0)
lab*nch	1.0	1.0	1.0	(0.0)
relative Natural Colour (NC)	0.0	0.0	0.0	(1.0)
lab*trj	0.0	0.0	0.0	(1.0)
lab*trc	0.0	0.0	0.0	(1.0)
lab*trb	0.0	0.0	0.0	(1.0)

relative Inform. Technology (IT)

lab*lab	0.0	0.0	0.0	(1.0)
lab*ch	0.0	0.0	0.0	(1.0)
lab*nch	1.0	1.0	1.0	(0.0)
relative Natural Colour (NC)	0.0	0.0	0.0	(1.0)
lab*trj	0.0	0.0	0.0	(1.0)
lab*trc	0.0	0.0	0.0	(1.0)
lab*trb	0.0	0.0	0.0	(1.0)

relative Inform. Technology (IT)

lab*lab	0.0	0.0	0.0	(1.0)
lab*ch	0.0	0.0	0.0	(1.0)
lab*nch	1.0	1.0	1.0	(0.0)
relative Natural Colour (NC)	0.0	0.0	0.0	(1.0)
lab*trj	0.0	0.0	0.0	(1.0)
lab*trc	0.0	0.0	0.0	(1.0)
lab*trb	0.0	0.0	0.0	(1.0)

relative Inform. Technology (IT)

lab*lab	0.0	0.0	0.0	(1.0)
lab*ch	0.0	0.0	0.0	(1.0)
lab*nch	1.0	1.0	1.0	(0.0)
relative Natural Colour (NC)	0.0	0.0	0.0	(1.0)
lab*trj	0.0	0.0	0.0	(1.0)
lab*trc	0.0	0.0	0.0	(1.0)
lab*trb	0.0	0.0	0.0	(1.0)

relative Inform. Technology (IT)

lab*lab	0.0	0.0	0.0	(1.0)
lab*ch	0.0	0.0	0.0	(1.0)
lab*nch	1.0	1.0	1.0	(0.0)
relative Natural Colour (NC)	0.0	0.0	0.0	(1.0)
lab*trj	0.0	0.0	0.0	(1.0)
lab*trc	0.0	0.0	0.0	(1.0)
lab*trb	0.0	0.0	0.0	(1.0)

relative Inform. Technology (IT)

lab*lab	0.0	0.0	0.0	(1.0)
lab*ch	0.0	0.0	0.0	(1.0)
lab*nch	1.0	1.0	1.0	(0.0)
relative Natural Colour (NC)	0.0	0.0	0.0	(1.0)
lab*trj	0.0	0.0	0.0	(1.0)
lab*trc	0.0	0.0	0.0	(1.0)
lab*trb	0.0	0.0	0.0	(1.0)

relative Buntheit c^*

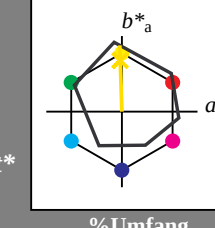
Ausgabe: Farbmetrisches Offset-Reflektiv-System ORS18

für Buntton $h^* = lab^*h = 92/360 = 0.255$

lab^*ch und lab^*nch

D65: Buntton J
LCH*Ma: 86 88 92
olv*Ma: 1.0 0.9 0.0

Dreiecks-Helligkeit t^*



$u^*_{rel} = 93$

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)
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 Inform. Technology (IT)

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)	1.0	0.0	0.0	
lab*trj	0.0	0.0	0.0	
lab*trc	0.0	0.0	0.0	
lab*trb	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	(1.0)
cmyn4*	0.0	0.0	0.0	(0.0)
LAB*LAB	76.06	-0.61	3.44	
LAB*LABa	76.06	0.0	0.0	
LAB*LABb	75.00	0.01	0.0	

relative Inform. Technology (IT)

lab*lab	0.75	0.75	0.75	(1.0)
lab*ch	0.75	0.75	0.75	(1.0)
lab*nch	0.25	0.25	0.25	(0.0)
relative Natural Colour (NC)	0.75	0.75	0.75	(1.0)
lab*trj	0.75	0.75	0.75	(1.0)
lab*trc	0.75	0.75	0.75	(1.0)
lab*trb	0.75	0.75	0.75	(1.0)

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)
LAB*LAB	56.71	-3.04	75.62	
LAB*LABa	56.71	0.0	0.0	
LAB*LABb	55.00	0.01	0.0	

relative Inform. Technology (IT)

lab*lab	0.5	0.5	0.5	(0.0)
lab*ch	0.5	0.5	0.5	(0.0)
lab*nch	0.5	0.5	0.5	(0.0)
relative Natural Colour (NC)	0.5	0.5	0.5	(0.0)
lab*trj	0.5	0.5	0.5	(0.0)
lab*trc	0.5	0.5	0.5	(0.0)
lab*trb	0.5	0.5	0.5	(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)
LAB*LAB	37.36	-1.32	37.81	
LAB*LABa	37.36	0.0	0.0	
LAB*LABb	35.00	0.01	0.0	

<i>olvi3*</i>	0.25	0.225	0.0	(1.0)
<i>cmyn3*</i>	0.75	0.775	1.0	(0.0)
<i>olvi4*</i>	1.0	0.975	0.75	0.25
<i>cmyn4*</i>	0.0	0.025	0.25	0.75
standard and adapted CIELAB				
LAB*LAB	35.06	-0.52	22.59	
LAB*LABa	35.06	-0.69	21.91	
LAB*TChA	12.5	21.92	91.83	
relative CIELAB lab*				

Eingabe: Farbmetrisches Standard-Reflektiv-System SRS18

für Buntton $h^* = lab^*h = 272/360 = 0.755$

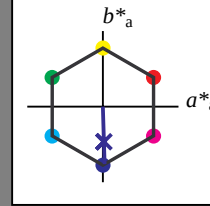
lab^*ch und lab^*nch

D65: Buntton B

LCH*Ma: 57 76 272

olv*Ma: 0.03 0.0 1.0

Dreiecks-Helligkeit t^*



SRS18; adaptierte CIELAB-Daten

	$L^*=L_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	56.71	67.03	38.7	77.4	30
Y _{Ma}	56.71	0.0	77.4	77.4	90
L _{Ma}	56.71	-67.02	38.7	77.4	150
C _{Ma}	56.71	-67.02	-38.69	77.4	210
V _{Ma}	56.71	0.0	-77.39	77.4	270
M _{Ma}	56.71	67.03	-38.69	77.4	330
N _{Ma}	18.01	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 _{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

$g^*_{H,rel} = 100$

$g^*_{C,rel} = 100$

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)
LAB*LAB	95.41	0.0	0.0	
LAB*LABa	95.41	0.0	0.0	
LAB*TCHa	99.99	0.01	0.0	

relative CIELAB lab*

lab*lab	1.0	0.0	0.0	
lab*ch	0.0	1.0	0.0	
lab*nch	0.0	0.0	1.0	
relative Natural Colour (NC)	1.0	1.0	1.0	
lab*trj	1.0	0.0	0.0	
lab*trc	1.0	0.0	0.0	
lab*trce	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*TCHa	99.99	0.01	0.0	

relative CIELAB lab*

lab*lab	0.875	0.008	-0.249	
lab*ch	0.875	0.25	0.755	
lab*nch	0.0	0.25	0.755	
relative Natural Colour (NC)	0.875	0.0	-0.249	
lab*trj	0.875	0.25	0.755	
lab*trc	0.875	0.25	0.755	
lab*trce	0.0	0.25	0.755	

standard and adapted CIELAB

LAB*LAB	76.06	1.15	-38.02	
LAB*LABa	76.06	1.15	-38.02	
LAB*TCHa	75.0	38.04	271.74	

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)
LAB*LAB	76.07	0.0	0.0	
LAB*LABa	76.07	0.0	0.0	
LAB*TCHa	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)	0.75	0.0	0.0	
lab*trj	0.75	0.0	0.0	
lab*trc	0.75	0.0	0.0	
lab*trce	0.0	0.0	0.0	

standard and adapted CIELAB

LAB*LAB	66.38	0.58	-19.01	
LAB*LABa	66.38	0.58	-19.01	
LAB*TCHa	62.5	19.01	271.74	

relative CIELAB lab*

lab*lab	0.517	0.5	1.0	(1.0)
lab*ch	0.517	0.5	1.0	(1.0)
lab*nch	0.0	0.5	1.0	(1.0)
relative Natural Colour (NC)	0.517	0.5	1.0	(1.0)
lab*trj	0.517	0.5	1.0	(1.0)
lab*trc	0.517	0.5	1.0	(1.0)
lab*trce	0.0	0.5	1.0	(1.0)

standard and adapted CIELAB

LAB*LAB	66.38	1.73	-57.03	
LAB*LABa	66.38	1.73	-57.03	
LAB*TCHa	62.5	57.07	271.74	

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)
LAB*LAB	56.72	0.0	0.0	
LAB*LABa	56.72	0.0	0.0	
LAB*TCHa	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)	0.5	0.0	0.0	
lab*trj	0.5	0.0	0.0	
lab*trc	0.5	0.0	0.0	
lab*trce	0.0	0.0	0.0	

standard and adapted CIELAB

LAB*LAB	56.71	1.15	-38.02	
LAB*LABa	56.71	1.15	-38.02	
LAB*TCHa	50.0	38.05	271.74	

relative CIELAB lab*

lab*lab	0.517	0.5	1.0	(1.0)
lab*ch	0.517	0.5	1.0	(1.0)
lab*nch	0.0	0.5	1.0	(1.0)
relative Natural Colour (NC)	0.517	0.5	1.0	(1.0)
lab*trj	0.517	0.5	1.0	(1.0)
lab*trc	0.517	0.5	1.0	(1.0)
lab*trce	0.0	0.5	1.0	(1.0)

standard and adapted CIELAB

LAB*LAB	56.71	2.3	-76.05	
LAB*LABa	56.71	2.3	-76.05	
LAB*TCHa	50.0	76.09	271.73	

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)
LAB*LAB	56.72	0.0	0.0	
LAB*LABa	56.72	0.0	0.0	
LAB*TCHa	50.0	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)	0.25	0.0	0.0	
lab*trj	0.25	0.0	0.0	
lab*trc	0.25	0.0	0.0	
lab*trce	0.0	0.0	0.0	

standard and adapted CIELAB

LAB*LAB	47.04	1.72	-57.04	
LAB*LABa	47.04	1.72	-57.04	
LAB*TCHa	37.5	19.03	271.74	

relative CIELAB lab*

lab*lab	0.375	0.008	-0.249	
lab*ch	0.375	0.25	0.755	
lab*nch	0.0	0.25	0.755	
relative Natural Colour (NC)	0.375	0.0	-0.249	
lab*trj	0.375	0.25	0.755	
lab*trc	0.375	0.25	0.755	
lab*trce	0.0	0.25	0.755	

standard and adapted CIELAB

LAB*LAB	47.04	1.72	-57.04	
LAB*LABa	47.04	1.72	-57.04	
LAB*TCHa	37.5	57.07	271.73	

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)
LAB*LAB	37.37	0.0	0.0	
LAB*LABa	37.37	0.0	0.0	
LAB*TCHa	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)	0.25	0.0	0.0	
lab*trj	0.25	0.0	0.0	
lab*trc	0.25	0.0	0.0	
lab*trce	0.0	0.0	0.0	

standard and adapted CIELAB

LAB*LAB	37.36	1.15	-38.02	
LAB*LABa	37.36	1.15	-38.02	
LAB*TCHa	25.0	38.05	271.73	

relative CIELAB lab*

lab*lab	0.375	0.023	-0.749	
lab*ch	0.375	0.75	0.755	
lab*nch	0.0	0.75	0.755	
relative Natural Colour (NC)	0.375	0.0	-0.749	
lab*trj	0.375	0.75	0.755	
lab*trc	0.375	0.75	0.755	
lab*trce	0.0	0.75	0.755	

standard and adapted CIELAB

LAB*LAB	37.36	1.15	-38.02	
LAB*LABa	37.36	1.15	-38.02	
LAB*TCHa	25.0	38.05	271.73	

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)
LAB*LAB	37.37	0.0	0.0	
LAB*LABa	37.37	0.0	0.0	
LAB*TCHa	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)	0.25	0.0	0.0	
lab*trj	0.25	0.0	0.0	
lab*trc	0.25	0.0	0.0	
lab*trce	0.0	0.0	0.0	

standard and adapted CIELAB

LAB*LAB	37.36	1.15	-38.02	
LAB*LABa	37.36	1.15	-38.02	
LAB*TCHa	25.0	38.05	271.73	

relative CIELAB lab*

lab*lab	0.375	0.023	-0.749	
lab*ch	0.375	0.75	0.755	
lab*nch	0.0	0.75	0.755	
relative Natural Colour (NC)	0.375	0.0	-0.749	
lab*trj	0.375	0.75	0.755	
lab*trc	0.375	0.75	0.755	
lab*trce	0.0	0.75	0.755	

standard and adapted CIELAB

LAB*LAB	37.36	1.15	-38.02	
LAB*LABa	37.36	1.15	-38.02	
LAB*TCHa	25.0	38.05	271.73	

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)
LAB*LAB	18.03	0.0	0.0	
LAB*LABa	18.03	0.0	0.0	
LAB*TCHa	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	0.0	0.0	0.0	
relative Natural Colour (NC)	0.0	0.0	0.0	
lab*trj	0.0	0.0	0.0	
lab*trc	0.0	0.0	0.0	
lab*trce	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*TCHa	0.01	0.01	0.0	

relative CIELAB lab*

lab*lab	0.125	0.007	-0.249	
lab*ch	0.125	0.25	0.755	
lab*nch	0.0	0.25	0.755	
relative Natural Colour (NC)	0.125	0.0	-0.249	
lab*trj	0.125	0.25	0.755	
lab*trc	0.125	0.25	0.755	
lab*trce	0.0	0.25	0.755	

standard and adapted CIELAB

LAB*LAB	18.02	0.0	0.0	
LAB*LABa	18.02	0.0	0.0	
LAB*TCHa	0.01	0.01	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)
LAB*LAB	18.03	0.0	0.0	
LAB*LABa	18.03	0.0	0.0	
LAB*TCHa	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	0.0	0.0	0.0	
relative Natural Colour (NC)	0.0	0.0	0.0	
lab*trj	0.0	0.0	0.0	
lab*trc	0.0	0.0	0.0	
lab*trce	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*TCHa	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	0.0	0.0	0.0	
relative Natural Colour (NC)	0.0	0.0	0.0	
lab*trj	0.0	0.		