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Eingabe: Farbmetrisches Natürliches-Reflektiv-System CNS18

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

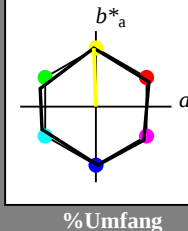
lab^*ch und lab^*nch

D65: Buntton J

LCH*Ma: 57 77 92

olv*Ma: 1.0 1.0 0.0

Dreiecks-Helligkeit t^*



CNS18; adaptierte CIELAB-Daten

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
RMa	56.7	70.15	32.71	77.4	25
JMa	56.7	-2.69	77.35	77.4	92
GMa	56.7	-73.6	23.92	77.4	162
G50BMa	56.7	-71.24	-30.23	77.4	203
BMa	56.7	2.7	-77.34	77.4	272
B50RMa	56.7	63.4	-44.38	77.4	325
NMa	18.01	0.0	0.0	0.0	0
WMa	95.41	0.0	0.0	0.0	0
RCIE	39.92	58.74	27.99	65.07	25
JCIE	81.26	-2.88	71.56	71.62	92
GCIE	52.23	-42.41	13.6	44.55	162
BCIE	30.57	1.41	-46.46	46.49	272

%Regularität

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

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

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)
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

relative Inform. Technology (IT)
olv3* 1.0 1.0 0.75 (1.0)
cmyn3* 0.0 0.0 0.25 (0.0)
olv4* 1.0 1.0 0.75 (1.0)
cmyn4* 0.0 0.0 0.25 (0.0)
standard and adapted CIELAB
LAB*LAB 85.73 -0.67 19.33
LAB*LABa 85.73 -0.67 19.33
LAB*TCHa 97.5 19.34 92.0

relative Inform. Technology (IT)
olv3* 1.0 1.0 0.5 (1.0)
cmyn3* 0.0 0.0 0.5 (0.0)
olv4* 1.0 1.0 0.5 (1.0)
cmyn4* 0.0 0.0 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 76.05 -1.34 38.67
LAB*LABa 76.05 -1.34 38.67
LAB*TCHa 75.0 38.69 92.0

relative Inform. Technology (IT)
olv3* 1.0 1.0 0.25 (1.0)
cmyn3* 0.0 0.0 0.25 (0.0)
olv4* 1.0 1.0 0.25 (1.0)
cmyn4* 0.0 0.0 0.25 (0.0)
standard and adapted CIELAB
LAB*LAB 66.37 -2.02 58.01
LAB*LABa 66.37 -2.02 58.01
LAB*TCHa 62.5 58.04 92.0

relative Inform. Technology (IT)
olv3* 1.0 1.0 0.1 (1.0)
cmyn3* 0.0 0.0 0.1 (0.0)
olv4* 1.0 1.0 0.1 (1.0)
cmyn4* 0.0 0.0 0.1 (0.0)
standard and adapted CIELAB
LAB*LAB 56.7 -2.69 77.34
LAB*LABa 56.7 -2.69 77.34
LAB*TCHa 50.0 77.38 92.0

relative Inform. Technology (IT)
olv3* 0.5 0.5 0.0 (0.0)
cmyn3* 0.5 0.5 0.0 (0.0)
olv4* 1.0 1.0 0.5 (1.0)
cmyn4* 0.0 0.0 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 50.0 0.0 0.0
LAB*LABa 50.0 0.0 0.0
LAB*TCHa 50.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.25 0.25 0.0 (0.0)
cmyn3* 0.25 0.25 0.0 (0.0)
olv4* 1.0 1.0 0.25 (1.0)
cmyn4* 0.0 0.0 0.25 (0.0)
standard and adapted CIELAB
LAB*LAB 47.03 -2.02 58.01
LAB*LABa 47.03 -2.02 58.01
LAB*TCHa 37.5 58.04 92.0

relative Inform. Technology (IT)
olv3* 0.125 0.125 0.0 (0.0)
cmyn3* 0.125 0.125 0.0 (0.0)
olv4* 1.0 1.0 0.125 (1.0)
cmyn4* 0.0 0.0 0.125 (0.0)
standard and adapted CIELAB
LAB*LAB 40.0 0.0 0.0
LAB*LABa 40.0 0.0 0.0
LAB*TCHa 30.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.0625 0.0625 0.0 (0.0)
cmyn3* 0.0625 0.0625 0.0 (0.0)
olv4* 1.0 1.0 0.0625 (1.0)
cmyn4* 0.0 0.0 0.0625 (0.0)
standard and adapted CIELAB
LAB*LAB 32.0 0.0 0.0
LAB*LABa 32.0 0.0 0.0
LAB*TCHa 20.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.03125 0.03125 0.0 (0.0)
cmyn3* 0.03125 0.03125 0.0 (0.0)
olv4* 1.0 1.0 0.03125 (1.0)
cmyn4* 0.0 0.0 0.03125 (0.0)
standard and adapted CIELAB
LAB*LAB 25.0 0.0 0.0
LAB*LABa 25.0 0.0 0.0
LAB*TCHa 15.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.015625 0.015625 0.0 (0.0)
cmyn3* 0.015625 0.015625 0.0 (0.0)
olv4* 1.0 1.0 0.015625 (1.0)
cmyn4* 0.0 0.0 0.015625 (0.0)
standard and adapted CIELAB
LAB*LAB 18.03 0.0 0.0
LAB*LABa 18.03 0.0 0.0
LAB*TCHa 10.01 0.01

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 0.25 (1.0)
cmyn4* 0.0 0.0 0.75 (0.0)
standard and adapted CIELAB
LAB*LAB 37.51 -1.34 38.67
LAB*LABa 37.51 -1.34 38.67
LAB*TCHa 25.0 0.01

relative Inform. Technology (IT)
olv3* 0.25 0.25 0.1 (1.0)
cmyn3* 0.75 0.75 0.1 (0.0)
olv4* 1.0 1.0 0.1 (1.0)
cmyn4* 0.0 0.0 0.1 (0.0)
standard and adapted CIELAB
LAB*LAB 37.51 -1.34 38.67
LAB*LABa 37.51 -1.34 38.67
LAB*TCHa 25.0 0.01

relative Inform. Technology (IT)
olv3* 0.25 0.25 0.05 (1.0)
cmyn3* 0.75 0.75 0.05 (0.0)
olv4* 1.0 1.0 0.05 (1.0)
cmyn4* 0.0 0.0 0.05 (0.0)
standard and adapted CIELAB
LAB*LAB 37.51 -1.34 38.67
LAB*LABa 37.51 -1.34 38.67
LAB*TCHa 25.0 0.01

relative Inform. Technology (IT)
olv3* 0.25 0.25 0.025 (1.0)
cmyn3* 0.75 0.75 0.025 (0.0)
olv4* 1.0 1.0 0.025 (1.0)
cmyn4* 0.0 0.0 0.025 (0.0)
standard and adapted CIELAB
LAB*LAB 37.51 -1.34 38.67
LAB*LABa 37.51 -1.34 38.67
LAB*TCHa 25.0 0.01

relative Inform. Technology (IT)
olv3* 0.25 0.25 0.0125 (1.0)
cmyn3* 0.75 0.75 0.0125 (0.0)
olv4* 1.0 1.0 0.0125 (1.0)
cmyn4* 0.0 0.0 0.0125 (0.0)
standard and adapted CIELAB
LAB*LAB 37.51 -1.34 38.67
LAB*LABa 37.51 -1.34 38.67
LAB*TCHa 25.0 0.01

relative Inform. Technology (IT)
olv3* 0.125 0.125 0.0 (1.0)
cmyn3* 0.875 0.875 0.0 (0.0)
olv4* 1.0 1.0 0.125 (1.0)
cmyn4* 0.0 0.0 0.125 (0.0)
standard and adapted CIELAB
LAB*LAB 30.0 0.0 0.0
LAB*LABa 30.0 0.0 0.0
LAB*TCHa 20.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.0625 0.0625 0.0 (1.0)
cmyn3* 0.9375 0.9375 0.0 (0.0)
olv4* 1.0 1.0 0.0625 (1.0)
cmyn4* 0.0 0.0 0.0625 (0.0)
standard and adapted CIELAB
LAB*LAB 25.0 0.0 0.0
LAB*LABa 25.0 0.0 0.0
LAB*TCHa 15.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.03125 0.03125 0.0 (1.0)
cmyn3* 0.96875 0.96875 0.0 (0.0)
olv4* 1.0 1.0 0.03125 (1.0)
cmyn4* 0.0 0.0 0.03125 (0.0)
standard and adapted CIELAB
LAB*LAB 20.0 0.0 0.0
LAB*LABa 20.0 0.0 0.0
LAB*TCHa 10.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.015625 0.015625 0.0 (1.0)
cmyn3* 0.984375 0.984375 0.0 (0.0)
olv4* 1.0 1.0 0.015625 (1.0)
cmyn4* 0.0 0.0 0.015625 (0.0)
standard and adapted CIELAB
LAB*LAB 15.0 0.0 0.0
LAB*LABa 15.0 0.0 0.0
LAB*TCHa 5.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.0078125 0.0078125 0.0 (1.0)
cmyn3* 0.9921875 0.9921875 0.0 (0.0)
olv4* 1.0 1.0 0.0078125 (1.0)
cmyn4* 0.0 0.0 0.0078125 (0.0)
standard and adapted CIELAB
LAB*LAB 10.0 0.0 0.0
LAB*LABa 10.0 0.0 0.0
LAB*TCHa 0.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.00390625 0.00390625 0.0 (1.0)
cmyn3* 0.99609375 0.99609375 0.0 (0.0)
olv4* 1.0 1.0 0.00390625 (1.0)
cmyn4* 0.0 0.0 0.00390625 (0.0)
standard and adapted CIELAB
LAB*LAB 5.0 0.0 0.0
LAB*LABa 5.0 0.0 0.0
LAB*TCHa 0.0 0.0 0.0

VG650-7, 5 stufige Reihen für konstanten CIELAB Buntton 92/360 = 0.256 (links)

5 stufige Reihen für konstanten CIELAB Buntton 92/360 = 0.256 (rechts)

BAM-Prüfvorlage VG65; Farbmetrik-Systeme CNS18 & TLS18 input: olv* setrgbcolor

D65: 2 Koordinatendaten; 5stufige Farbreihen für 10 Bunttöne output: no change compared to input

Eingabe: Farbmetrisches Natürliches-Reflektiv-System CNS18

für Buntton $h^* = lab^*h = 203/360 = 0.564$

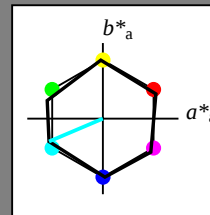
lab^*ch und lab^*nch

D65: Buntton G50B

LCH*Ma: 57 77 203

olv*Ma: 0.0 1.0 1.0

Dreiecks-Helligkeit t^*



CNS18; adaptierte CIELAB-Daten

	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
RMa	56.7	70.15	32.71	77.4	25
JMa	56.7	-2.69	77.35	77.4	92
GMa	56.7	-73.6	23.92	77.4	162
G50BMa	56.7	-71.24	-30.23	77.4	203
BMa	56.7	2.7	-77.34	77.4	272
B50RMa	56.7	63.4	-44.38	77.4	325
NMa	18.01	0.0	0.0	0.0	0
WMa	95.41	0.0	0.0	0.0	0
RCIE	39.92	58.74	27.99	65.07	25
JCIE	81.26	-2.88	71.56	71.62	92
GCIE	52.23	-42.41	13.6	44.55	162
BCIE	30.57	1.41	-46.46	46.49	272

%Regularität

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

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

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)
standard and adapted CIELAB
LAB*LAB 95.41 0.0 0.0
LAB*LAB 95.41 0.0 0.0
LAB*TCMa 99.99 0.01

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 -17.79 -7.55
LAB*LAB 85.73 -17.79 -7.55
LAB*TCMa 97.5 19.34 203.0

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 (1.0)
cmyn4* 0.5 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 76.05 -35.61 -15.11
LAB*LAB 76.05 -35.61 -15.11
LAB*TCMa 75.0 38.69 203.0

relative Inform. Technology (IT)
olv3* 0.25 1.0 1.0 (1.0)
cmyn3* 0.25 0.0 0.0 (0.0)
olv4* 0.25 1.0 1.0 (1.0)
cmyn4* 0.25 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 66.37 -53.42 -22.67
LAB*LAB 66.37 -53.42 -22.67
LAB*TCMa 62.5 58.04 203.0

relative Inform. Technology (IT)
olv3* 0.0 1.0 1.0 (1.0)
cmyn3* 0.0 0.0 0.0 (0.0)
olv4* 0.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 56.7 -71.22 -30.23
LAB*LAB 56.7 -71.22 -30.23
LAB*TCMa 50.0 77.38 203.0

relative Inform. Technology (IT)
olv3* 0.0 0.5 0.5 (0.0)
cmyn3* 0.0 0.5 0.5 (0.0)
olv4* 0.0 0.5 0.5 (0.0)
cmyn4* 0.0 0.5 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 56.7 -71.22 -30.23
LAB*LAB 56.7 -71.22 -30.23
LAB*TCMa 50.0 77.38 203.0

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*LAB 76.07 0.0 0.0
LAB*TCMa 75.0 0.01

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 (1.0)
cmyn4* 0.5 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 66.38 -17.8 -7.55
LAB*LAB 66.38 -17.8 -7.55
LAB*TCMa 62.5 19.35 203.0

relative Inform. Technology (IT)
olv3* 0.25 0.5 0.5 (1.0)
cmyn3* 0.25 0.25 0.25 (0.0)
olv4* 0.5 1.0 1.0 (1.0)
cmyn4* 0.25 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 56.71 -35.61 -15.11
LAB*LAB 56.71 -35.61 -15.11
LAB*TCMa 50.0 38.7 203.0

relative Inform. Technology (IT)
olv3* 0.0 0.75 0.75 (1.0)
cmyn3* 0.0 0.75 0.75 (0.0)
olv4* 0.0 0.75 0.75 (0.0)
cmyn4* 0.0 0.75 0.75 (0.0)
standard and adapted CIELAB
LAB*LAB 56.71 -35.61 -15.11
LAB*LAB 56.71 -35.61 -15.11
LAB*TCMa 50.0 38.7 203.0

relative Inform. Technology (IT)
olv3* 0.0 0.25 0.25 (0.0)
cmyn3* 0.0 0.25 0.25 (0.0)
olv4* 0.0 0.25 0.25 (0.0)
cmyn4* 0.0 0.25 0.25 (0.0)
standard and adapted CIELAB
LAB*LAB 56.71 -35.61 -15.11
LAB*LAB 56.71 -35.61 -15.11
LAB*TCMa 50.0 38.7 203.0

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 56.72 0.0 0.0
LAB*LAB 56.72 0.0 0.0
LAB*TCMa 50.0 0.01

relative Inform. Technology (IT)
olv3* 0.25 0.25 0.25 (1.0)
cmyn3* 0.75 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 56.72 0.0 0.0
LAB*LAB 56.72 0.0 0.0
LAB*TCMa 50.0 0.01

relative Inform. Technology (IT)
olv3* 0.0 0.25 0.25 (0.0)
cmyn3* 0.0 0.25 0.25 (0.0)
olv4* 0.0 0.25 0.25 (0.0)
cmyn4* 0.0 0.25 0.25 (0.0)
standard and adapted CIELAB
LAB*LAB 56.71 -35.61 -15.11
LAB*LAB 56.71 -35.61 -15.11
LAB*TCMa 50.0 38.7 203.0

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (0.0)
cmyn3* 0.0 0.0 0.0 (0.0)
olv4* 0.0 0.0 0.0 (0.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 56.71 -35.61 -15.11
LAB*LAB 56.71 -35.61 -15.11
LAB*TCMa 50.0 38.7 203.0

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (0.0)
cmyn3* 0.0 0.0 0.0 (0.0)
olv4* 0.0 0.0 0.0 (0.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 56.71 -35.61 -15.11
LAB*LAB 56.71 -35.61 -15.11
LAB*TCMa 50.0 38.7 203.0

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*LAB 18.03 0.0 0.0
LAB*TCMa 0.01 0.01

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*LAB 18.03 0.0 0.0
LAB*TCMa 0.01 0.01

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*LAB 18.03 0.0 0.0
LAB*TCMa 0.01 0.01

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*LAB 18.03 0.0 0.0
LAB*TCMa 0.01 0.01

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*LAB 18.03 0.0 0.0
LAB*TCMa 0.01 0.01

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*LAB 18.03 0.0 0.0
LAB*TCMa 0.01 0.01

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*LAB 18.03 0.0 0.0
LAB*TCMa 0.01 0.01

Ausgabe: Farbmetrisches Fernseh-Licht-System TLS18

für Buntton $h^* = lab^*h = 203/360 = 0.564$

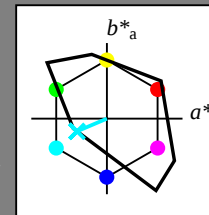
lab^*ch und lab^*nch

D65: Buntton C

LCH*Ma: 85 43 203

olv*Ma: 0.0 0.96 1.0

Dreiecks-Helligkeit t^*



TLS18; adaptierte CIELAB-Daten

	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
OMa	52.76	71.63	49.88	87.29	35
YMa	92.74	-20.02	84.97	87.3	103
LMa	84.0	-78.98	73.94	108.2	137
CLMa	87.14	-44.41	-13.11	46.32	196
VMa	35.47	64.92	-95.06	115.12	304
MMa	59.01	89.33	-55.67	105.26	328
NMa	18.01	0.0	0.0	0.0	0
WMa	95.41	0.0	0.0	0.0	0
RCIE	39.92	58.74	27.99	65.07	25
JCIE	81.26	-2.88	71.56	71.62	92
GCIE	52.23	-42.41	13.6	44.55	162
BCIE	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 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*LAB 95.41 0.0 0.0
LAB*TCMa 99.99 0.01

relative Inform. Technology (IT)
olv3* 0.75 0.999 1.0 (1.0)
cmyn3* 0.25 0.011 0.0 (0.0)
olv4* 0.75 0.999 1.0 (1.0)
cmyn4* 0.25 0.011 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 92.76 -9.88 -4.18
LAB*LAB 92.76 -9.88 -4.18
LAB*TCMa 87.5 10.74 202.94

relative Inform. Technology (IT)
olv3* 0.5 0.999 1.0 (1.0)
cmyn3* 0.5 0.011 0.0 (0.0)
olv4* 0.5 0.999 1.0 (1.0)
cmyn4* 0.5 0.011 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 90.12 -19.76 -8.37
LAB*LAB 90.12 -19.76 -8.37
LAB*TCMa 75.0 21.48 202.97

relative Inform. Technology (IT)
olv3* 0.25 0.999 1.0 (1.0)
cmyn3* 0.25 0.011 0.0 (0.0)
olv4* 0.25 0.999 1.0 (1.0)
cmyn4* 0.25 0.011 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 87.47 -29.65 -12.57
LAB*LAB 87.47 -29.65 -12.57
LAB*TCMa 62.5 32.21 202.98

relative Inform. Technology (IT)
olv3* 0.0 0.999 1.0 (1.0)
cmyn3* 0.0 0.011 0.0 (0.0)
olv4* 0.0 0.999 1.0 (1.0)
cmyn4* 0.0 0.011 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 84.83 -39.53 -16.76
LAB*LAB 84.83 -39.53 -16.76
LAB*TCMa 50.0 42.95 202.99

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*LAB 76.07 0.0 0.0
LAB*TCMa 75.0 0.01

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 0.999 1.0 (1.0)
cmyn4* 0.25 0.011 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 73.42 -9.87 -4.19
LAB*LAB 73.42 -9.87 -4.19
LAB*TCMa 62.5 10.74 203.0

relative Inform. Technology (IT)
olv3* 0.25 0.75 0.75 (1.0)
cmyn3* 0.25 0.25 0.25 (0.0)
olv4* 0.5 0.999 1.0 (1.0)
cmyn4* 0.25 0.011 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 70.77 -19.76 -8.38
LAB*LAB 70.77 -19.76 -8.38
LAB*TCMa 50.0 21.47 203.0

relative Inform. Technology (IT)
olv3* 0.0 0.75 0.75 (1.0)
cmyn3* 0.0 0.25 0.25 (0.0)
olv4* 0.0 0.75 0.75 (1.0)
cmyn4* 0.0 0.25 0.25 (0.0)
standard and adapted CIELAB
LAB*LAB 56.71 -35.61 -15.11
LAB*LAB 56.71 -35.61 -15.11
LAB*TCMa 50.0 38.7 203.0

relative Inform. Technology (IT)
olv3* 0.0 0.25 0.25 (0.0)
cmyn3* 0.0 0.25 0.25 (0.0)
olv4* 0.0 0.25 0.25 (0.0)
cmyn4* 0.0 0.25 0.25 (0.0)
standard and adapted CIELAB
LAB*LAB 56.71 -35.61 -15.11
LAB*LAB 56.71 -35.61 -15.11
LAB*TCMa 50.0 38.7 203.0

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (0.0)
cmyn3* 0.0 0.0 0.0 (0.0)
olv4* 0.0 0.0 0.0 (0.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 56.71 -35.61 -15.11
LAB*LAB 56.71 -35.61 -15.11
LAB*TCMa 50.0 38.7 203.0

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (0.0)
cmyn3* 0.0 0.0 0.0 (0.0)
olv4* 0.0 0.0 0.0 (0.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 56.71 -35.61 -15.11
LAB*LAB 56.71 -35.61 -15.11
LAB*TCMa 50.0 38.7 203.0

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (0.0)
cmyn3* 0.0 0.0 0.0 (0.0)
olv4* 0.0 0.0 0.0 (0.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 56.71 -35.61 -15.11
LAB*LAB 56.71 -35.61 -15.11
LAB*TCMa 50.0 38.7 203.0

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (0.0)
cmyn3* 0.0 0.0 0.0 (0.0)
olv4* 0.0 0.0 0.0 (0.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 56.71 -35.61 -15.11
LAB*LAB 56.71 -35.61 -15.11
LAB*TCMa 50.0 38.7 203.0

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (0.0)
cmyn3* 0.0 0.0 0.0 (0.0)
olv4* 0.0 0.0 0.0 (0.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 56.71 -35.61 -15.11
LAB*LAB 56.71 -35.61 -15.11
LAB*TCMa 50.0 38.7 203.0

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (0.0)
cmyn3* 0.0 0.0 0.0 (0.0)
olv4* 0.0 0.0 0.0 (0.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 56.71 -35.61 -15.11
LAB*LAB 56.71 -35.61 -15.11
LAB*TCMa 50.0 38.7 203.0

VG650-7, 5 stufige Reihen für konstanten CIELAB Buntton 203/360 = 0.564 (links)

5 stufige Reihen für konstanten CIELAB Buntton 203/360 = 0.564 (rechts)

BAM-Prüfvorlage VG65; Farbmetrik-Systeme CNS18 & TLS18 input: olv* setrgbcolor

D65: 2 Koordinatendaten; 5stufige Farbreihen für 10 Bunttöne output: no change compared to input

1. **gummi zuhause**

output: *no change compared to input*

Eingabe: Farbmetrisches Natürliches-Reflektiv-System CNS18

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

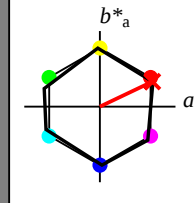
lab^*ch und lab^*nch

D65: Buntton R

LCH*Ma: 57 77 25

olv*Ma: 1.0 0.01 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

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* 0.0 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 76.07 0.0 0.0
LAB*LABa 76.07 0.0 0.0
LAB*LABb 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 (0.0)
cmyn3* 0.0 0.0 0.0 (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 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* 0.0 0.0 0.0 (0.0)
olv4* 1.0 1.0 1.0 (0.25)
cmyn4* 0.0 0.0 0.0 (0.25)
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

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* 0.0 0.0 0.0 (0.0)
olv4* 1.0 1.0 1.0 (0.0)
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

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* 0.0 0.0 0.0 (0.0)
olv4* 1.0 1.0 1.0 (0.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 0.01 0.01
LAB*LABa 0.01 0.01
LAB*LABb 0.01 0.01

relative CIELAB lab*
lab*lab 0.0 0.0 0.0
lab*ch 0.0 0.0 0.0
lab*nch 0.0 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

CNS18; adaptierte CIELAB-Daten

	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
RMa	56.7	70.15	32.71	77.4	25
JMa	56.7	-2.69	77.35	77.4	92
GMa	56.7	-73.6	23.92	77.4	162
G50BMa	56.7	-71.24	-30.23	77.4	203
BMa	56.7	2.7	-77.34	77.4	272
B50RMa	56.7	63.4	-44.38	77.4	325
NMa	18.01	0.0	0.0	0.0	0
WMa	95.41	0.0	0.0	0.0	0
RCIE	39.92	58.74	27.99	65.07	25
JCIE	81.26	-2.88	71.56	71.62	92
GCIE	52.23	-42.41	13.6	44.55	162
BCIE	30.57	1.41	-46.46	46.49	272

%Regularität

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

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

$n^* = 0.00$

$n^* = 0.25$

$n^* = 0.50$

$n^* = 0.75$

$n^* = 1.0$

$n^* = 1.0$

$n^* = 1.0$

$n^* = 1.0$

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$n^* = 1.0$

$n^* = 1.0$

$n^* = 1.0$

$n^* = 1.0$

Ausgabe: Farbmetrisches Fernseh-Licht-System TLS18

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

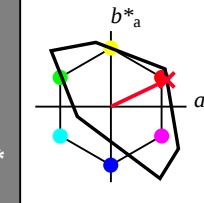
lab^*ch und lab^*nch

D65: Buntton R

LCH*Ma: 54 82 25

olv*Ma: 1.0 0.0 0.14

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

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* 0.0 0.0 0.0 (0.0)
olv4* 1.0 1.0 1.0 (0.75)
cmyn4* 0.0 0.0 0.0 (0.75)
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

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* 0.0 0.0 0.0 (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 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* 0.0 0.0 0.0 (0.0)
olv4* 1.0 1.0 1.0 (0.25)
cmyn4* 0.0 0.0 0.0 (0.25)
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

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* 0.0 0.0 0.0 (0.0)
olv4* 1.0 1.0 1.0 (0.0)
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

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* 0.0 0.0 0.0 (0.0)
olv4* 1.0 1.0 1.0 (0.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 0.01 0.01
LAB*LABa 0.01 0.01
LAB*LABb 0.01 0.01

relative CIELAB lab*
lab*lab 0.0 0.0 0.0
lab*ch 0.0 0.0 0.0
lab*nch 0.0 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

TLS18; adaptierte CIELAB-Daten

	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
OMa	52.76	71.63	49.88	87.29	35
YMa	92.74	-20.02	84.97	87.3	103
LMa	84.0	-78.98	73.94	108.2	137
CLMa	87.14	-44.41	-13.11	46.32	196
VMa	35.47	64.92	-95.06	115.12	304
MMa	59.01	89.33	-55.67	105.26	328
NMa	18.01	0.0	0.0	0.0	0
WMa	95.41	0.0	0.0	0.0	0
RCIE	39.92	58.74	27.99	65.07	25
JCIE	81.26	-2.88	71.56	71.62	92
GCIE	52.23	-42.41	13.6	44.55	162
BCIE	30.57	1.41	-46.46	46.49	272

%Regularität

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

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

$n^* = 0.00$

$n^* = 0.25$

$n^* = 0.50$

$n^* = 0.75$

$n^* = 1.0$

$n^* = 1.0$

$n^* = 1.0$

$n^* = 1.0$

$n^* = 1.0$

$n^* = 1.0$

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$n^* = 1.0$

$n^* = 1.0$

$n^* = 1.0$

$n^* = 1.0$

%Regularität

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

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

$n^* = 0.00$

$n^* = 0.25$

$n^* = 0.50$

$n^* = 0.75$

$n^* = 1.0$

$n^* = 1.0$

$n^* = 1.0$

$n^* = 1.0$

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$n^* = 1.0$

$n^* = 1.0$

$n^* = 1.0$

$n^* = 1.0$

$n^* = 1.0$

BAM-Prüfvorlage VG65; Farbmetrik-Systeme CNS18 & TLS18 input: olv* setrgbcolor

D65: 2 Koordinatendaten; 5stufige Farbreihen für 10 Buntton output: no change compared to input

Eingabe: Farbmetrisches Natürliches-Reflektiv-System CNS18

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

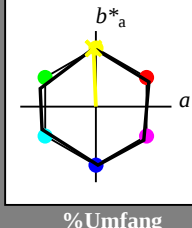
lab^*ch und lab^*nch

D65: Buntton J

LCH*Ma: 57 77 92

olv*Ma: 0.99 1.0 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*Lab 95.41 0.0 0.0
LAB*TCa 99.99 0.01 -

relative Inform. Technology (IT)
olv3* 0.999 1.0 0.75 (1.0)
cmyn3* 0.001 0.0 0.25 (0.0)
olv4* 0.999 1.0 0.75 (1.0)
cmyn4* 0.001 0.0 0.25 (0.0)
standard and adapted CIELAB
LAB*LAB 85.73 -0.76 19.26
LAB*Lab 85.73 -0.76 19.26
LAB*TCa 87.5 19.27 92.29

relative Inform. Technology (IT)
olv3* 0.997 1.0 0.5 (1.0)
cmyn3* 0.003 0.0 0.5 (0.0)
olv4* 0.997 1.0 0.5 (1.0)
cmyn4* 0.003 0.0 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 76.05 -1.54 38.52
LAB*Lab 76.05 -1.54 38.52
LAB*TCa 75.0 38.55 92.3

relative Inform. Technology (IT)
olv3* 0.998 1.0 0.25 (1.0)
cmyn3* 0.002 0.0 0.25 (0.0)
olv4* 0.998 1.0 0.25 (1.0)
cmyn4* 0.002 0.0 0.25 (0.0)
standard and adapted CIELAB
LAB*LAB 66.37 -2.32 57.78
LAB*Lab 66.37 -2.32 57.78
LAB*TCa 62.5 57.83 92.31

relative Inform. Technology (IT)
olv3* 0.994 1.0 0.0 (1.0)
cmyn3* 0.006 0.0 0.0 (0.0)
olv4* 0.994 1.0 0.0 (1.0)
cmyn4* 0.004 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 56.7 -3.09 77.03
LAB*Lab 56.7 -3.09 77.03
LAB*TCa 50.0 77.1 92.31

relative Inform. Technology (IT)
olv3* 0.996 1.0 0.0 (1.0)
cmyn3* 0.004 0.0 0.0 (0.0)
olv4* 0.996 1.0 0.0 (1.0)
cmyn4* 0.004 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 56.7 -3.09 77.03
LAB*Lab 56.7 -3.09 77.03
LAB*TCa 50.0 77.1 92.31

relative Inform. Technology (IT)
olv3* 0.998 1.0 0.0 (1.0)
cmyn3* 0.002 0.0 0.0 (0.0)
olv4* 0.998 1.0 0.0 (1.0)
cmyn4* 0.002 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 56.7 -3.09 77.03
LAB*Lab 56.7 -3.09 77.03
LAB*TCa 50.0 77.1 92.31

relative Inform. Technology (IT)
olv3* 0.994 1.0 0.0 (1.0)
cmyn3* 0.006 0.0 0.0 (0.0)
olv4* 0.994 1.0 0.0 (1.0)
cmyn4* 0.006 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 56.7 -3.09 77.03
LAB*Lab 56.7 -3.09 77.03
LAB*TCa 50.0 77.1 92.31

relative Inform. Technology (IT)
olv3* 0.996 1.0 0.0 (1.0)
cmyn3* 0.004 0.0 0.0 (0.0)
olv4* 0.996 1.0 0.0 (1.0)
cmyn4* 0.004 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 56.7 -3.09 77.03
LAB*Lab 56.7 -3.09 77.03
LAB*TCa 50.0 77.1 92.31

relative Inform. Technology (IT)
olv3* 0.998 1.0 0.0 (1.0)
cmyn3* 0.002 0.0 0.0 (0.0)
olv4* 0.998 1.0 0.0 (1.0)
cmyn4* 0.002 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 56.7 -3.09 77.03
LAB*Lab 56.7 -3.09 77.03
LAB*TCa 50.0 77.1 92.31

relative Inform. Technology (IT)
olv3* 0.994 1.0 0.0 (1.0)
cmyn3* 0.006 0.0 0.0 (0.0)
olv4* 0.994 1.0 0.0 (1.0)
cmyn4* 0.006 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 56.7 -3.09 77.03
LAB*Lab 56.7 -3.09 77.03
LAB*TCa 50.0 77.1 92.31

CNS18; adaptierte CIELAB-Daten

	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
RMa	56.7	70.15	32.71	77.4	25
JMa	56.7	-2.69	77.35	77.4	92
GMa	56.7	-73.6	23.92	77.4	162
G50BMa	56.7	-71.24	-30.23	77.4	203
BMa	56.7	2.7	-77.34	77.4	272
B50RMa	56.7	63.4	-44.38	77.4	325
NMa	18.01	0.0	0.0	0.0	0
WMa	95.41	0.0	0.0	0.0	0
RCIE	39.92	58.74	27.99	65.07	25
JCIE	81.26	-2.88	71.56	71.62	92
GCIE	52.23	-42.41	13.6	44.55	162
BCIE	30.57	1.41	-46.46	46.49	272

%Regularität

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

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

1.00

0.75

0.50

0.25

0.00

Ausgabe: Farbmetrisches Fernseh-Licht-System TLS18

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

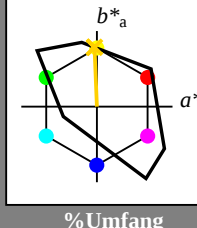
lab^*ch und lab^*nch

D65: Buntton J

LCH*Ma: 85 79 92

olv*Ma: 1.0 0.82 0.0

Dreiecks-Helligkeit t^*



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*Lab 95.41 0.0 0.0
LAB*TCa 99.99 0.01 -

relative Inform. Technology (IT)
olv3* 0.999 1.0 0.75 (1.0)
cmyn3* 0.001 0.0 0.25 (0.0)
olv4* 0.999 1.0 0.75 (1.0)
cmyn4* 0.001 0.0 0.25 (0.0)
standard and adapted CIELAB
LAB*LAB 85.73 -0.76 19.26
LAB*Lab 85.73 -0.76 19.26
LAB*TCa 87.5 19.27 92.29

relative Inform. Technology (IT)
olv3* 0.997 1.0 0.5 (1.0)
cmyn3* 0.003 0.0 0.5 (0.0)
olv4* 0.997 1.0 0.5 (1.0)
cmyn4* 0.003 0.0 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 76.05 -1.54 38.52
LAB*Lab 76.05 -1.54 38.52
LAB*TCa 75.0 38.55 92.3

relative Inform. Technology (IT)
olv3* 0.998 1.0 0.25 (1.0)
cmyn3* 0.002 0.0 0.25 (0.0)
olv4* 0.998 1.0 0.25 (1.0)
cmyn4* 0.002 0.0 0.25 (0.0)
standard and adapted CIELAB
LAB*LAB 66.37 -2.32 57.78
LAB*Lab 66.37 -2.32 57.78
LAB*TCa 62.5 57.83 92.31

relative Inform. Technology (IT)
olv3* 0.994 1.0 0.0 (1.0)
cmyn3* 0.006 0.0 0.0 (0.0)
olv4* 0.994 1.0 0.0 (1.0)
cmyn4* 0.006 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 56.7 -3.09 77.03
LAB*Lab 56.7 -3.09 77.03
LAB*TCa 50.0 77.1 92.31

relative Inform. Technology (IT)
olv3* 0.996 1.0 0.0 (1.0)
cmyn3* 0.004 0.0 0.0 (0.0)
olv4* 0.996 1.0 0.0 (1.0)
cmyn4* 0.004 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 56.7 -3.09 77.03
LAB*Lab 56.7 -3.09 77.03
LAB*TCa 50.0 77.1 92.31

relative Inform. Technology (IT)
olv3* 0.998 1.0 0.0 (1.0)
cmyn3* 0.002 0.0 0.0 (0.0)
olv4* 0.998 1.0 0.0 (1.0)
cmyn4* 0.002 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 56.7 -3.09 77.03
LAB*Lab 56.7 -3.09 77.03
LAB*TCa 50.0 77.1 92.31

relative Inform. Technology (IT)
olv3* 0.994 1.0 0.0 (1.0)
cmyn3* 0.006 0.0 0.0 (0.0)
olv4* 0.994 1.0 0.0 (1.0)
cmyn4* 0.006 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 56.7 -3.09 77.03
LAB*Lab 56.7 -3.09 77.03
LAB*TCa 50.0 77.1 92.31

relative Inform. Technology (IT)
olv3* 0.996 1.0 0.0 (1.0)
cmyn3* 0.004 0.0 0.0 (0.0)
olv4* 0.996 1.0 0.0 (1.0)
cmyn4* 0.004 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 56.7 -3.09 77.03
LAB*Lab 56.7 -3.09 77.03
LAB*TCa 50.0 77.1 92.31

relative Inform. Technology (IT)
olv3* 0.998 1.0 0.0 (1.0)
cmyn3* 0.002 0.0 0.0 (0.0)
olv4* 0.998 1.0 0.0 (1.0)
cmyn4* 0.002 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 56.7 -3.09 77.03
LAB*Lab 56.7 -3.09 77.03
LAB*TCa 50.0 77.1 92.31

relative Inform. Technology (IT)
olv3* 0.994 1.0 0.0 (1.0)
cmyn3* 0.006 0.0 0.0 (0.0)
olv4* 0.994 1.0 0.0 (1.0)
cmyn4* 0.006 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 56.7 -3.09 77.03
LAB*Lab 56.7 -3.09 77.03
LAB*TCa 50.0 77.1 92.31

Eingabe: Farbmetrisches Natürliches-Reflektiv-System CNS18

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

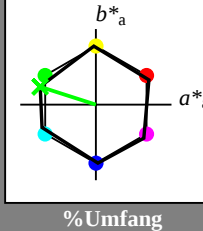
lab^*ch und lab^*nch

D65: Buntton G

LCH*Ma: 57 77 162

olv*Ma: 0.0 1.0 0.01

Dreiecks-Helligkeit t^*



CNS18; adaptierte CIELAB-Daten

	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
RMa	56.7	70.15	32.71	77.4	25
JMa	56.7	-2.69	77.35	77.4	92
GMa	56.7	-73.6	23.92	77.4	162
G50BMa	56.7	-71.24	-30.23	77.4	203
BMa	56.7	2.7	-77.34	77.4	272
B50RMa	56.7	63.4	-44.38	77.4	325
NMa	18.01	0.0	0.0	0.0	0
WMa	95.41	0.0	0.0	0.0	0
RCIE	39.92	58.74	27.99	65.07	25
JCIE	81.26	-2.88	71.56	71.62	92
GCIE	52.23	-42.41	13.6	44.55	162
BCIE	30.57	1.41	-46.46	46.49	272

%Regularität

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

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

relative Inform. Technology (IT)

olv3*	1.0	1.0	1.0	(1.0)
olv4*	0.0	0.0	0.0	(0.0)
olv5*	0.0	0.0	0.0	(0.0)
olv6*	0.0	0.0	0.0	(0.0)
olv7*	0.0	0.0	0.0	(0.0)
olv8*	0.0	0.0	0.0	(0.0)
olv9*	0.0	0.0	0.0	(0.0)
olv10*	0.0	0.0	0.0	(0.0)
olv11*	0.0	0.0	0.0	(0.0)
olv12*	0.0	0.0	0.0	(0.0)
olv13*	0.0	0.0	0.0	(0.0)
olv14*	0.0	0.0	0.0	(0.0)
olv15*	0.0	0.0	0.0	(0.0)
olv16*	0.0	0.0	0.0	(0.0)
olv17*	0.0	0.0	0.0	(0.0)
olv18*	0.0	0.0	0.0	(0.0)
olv19*	0.0	0.0	0.0	(0.0)
olv20*	0.0	0.0	0.0	(0.0)
olv21*	0.0	0.0	0.0	(0.0)
olv22*	0.0	0.0	0.0	(0.0)
olv23*	0.0	0.0	0.0	(0.0)
olv24*	0.0	0.0	0.0	(0.0)
olv25*	0.0	0.0	0.0	(0.0)
olv26*	0.0	0.0	0.0	(0.0)
olv27*	0.0	0.0	0.0	(0.0)
olv28*	0.0	0.0	0.0	(0.0)
olv29*	0.0	0.0	0.0	(0.0)
olv30*	0.0	0.0	0.0	(0.0)
olv31*	0.0	0.0	0.0	(0.0)
olv32*	0.0	0.0	0.0	(0.0)
olv33*	0.0	0.0	0.0	(0.0)
olv34*	0.0	0.0	0.0	(0.0)
olv35*	0.0	0.0	0.0	(0.0)
olv36*	0.0	0.0	0.0	(0.0)
olv37*	0.0	0.0	0.0	(0.0)
olv38*	0.0	0.0	0.0	(0.0)
olv39*	0.0	0.0	0.0	(0.0)
olv40*	0.0	0.0	0.0	(0.0)
olv41*	0.0	0.0	0.0	(0.0)
olv42*	0.0	0.0	0.0	(0.0)
olv43*	0.0	0.0	0.0	(0.0)
olv44*	0.0	0.0	0.0	(0.0)
olv45*	0.0	0.0	0.0	(0.0)
olv46*	0.0	0.0	0.0	(0.0)
olv47*	0.0	0.0	0.0	(0.0)
olv48*	0.0	0.0	0.0	(0.0)
olv49*	0.0	0.0	0.0	(0.0)
olv50*	0.0	0.0	0.0	(0.0)
olv51*	0.0	0.0	0.0	(0.0)
olv52*	0.0	0.0	0.0	(0.0)
olv53*	0.0	0.0	0.0	(0.0)
olv54*	0.0	0.0	0.0	(0.0)
olv55*	0.0	0.0	0.0	(0.0)
olv56*	0.0	0.0	0.0	(0.0)
olv57*	0.0	0.0	0.0	(0.0)
olv58*	0.0	0.0	0.0	(0.0)
olv59*	0.0	0.0	0.0	(0.0)
olv60*	0.0	0.0	0.0	(0.0)
olv61*	0.0	0.0	0.0	(0.0)
olv62*	0.0	0.0	0.0	(0.0)
olv63*	0.0	0.0	0.0	(0.0)
olv64*	0.0	0.0	0.0	(0.0)
olv65*	0.0	0.0	0.0	(0.0)
olv66*	0.0	0.0	0.0	(0.0)
olv67*	0.0	0.0	0.0	(0.0)
olv68*	0.0	0.0	0.0	(0.0)
olv69*	0.0	0.0	0.0	(0.0)
olv70*	0.0	0.0	0.0	(0.0)
olv71*	0.0	0.0	0.0	(0.0)
olv72*	0.0	0.0	0.0	(0.0)
olv73*	0.0	0.0	0.0	(0.0)
olv74*	0.0	0.0	0.0	(0.0)
olv75*	0.0	0.0	0.0	(0.0)
olv76*	0.0	0.0	0.0	(0.0)
olv77*	0.0	0.0	0.0	(0.0)
olv78*	0.0	0.0	0.0	(0.0)
olv79*	0.0	0.0	0.0	(0.0)
olv80*	0.0	0.0	0.0	(0.0)
olv81*	0.0	0.0	0.0	(0.0)
olv82*	0.0	0.0	0.0	(0.0)
olv83*	0.0	0.0	0.0	(0.0)
olv84*	0.0	0.0	0.0	(0.0)
olv85*	0.0	0.0	0.0	(0.0)
olv86*	0.0	0.0	0.0	(0.0)
olv87*	0.0	0.0	0.0	(0.0)
olv88*	0.0	0.0	0.0	(0.0)
olv89*	0.0	0.0	0.0	(0.0)
olv90*	0.0	0.0	0.0	(0.0)
olv91*	0.0	0.0	0.0	(0.0)
olv92*	0.0	0.0	0.0	(0.0)
olv93*	0.0	0.0	0.0	(0.0)
olv94*	0.0	0.0	0.0	(0.0)
olv95*	0.0	0.0	0.0	(0.0)
olv96*	0.0	0.0	0.0	(0.0)
olv97*	0.0	0.0	0.0	(0.0)
olv98*	0.0	0.0	0.0	(0.0)
olv99*	0.0	0.0	0.0	(0.0)
olv100*	0.0	0.0	0.0	(0.0)

relative Inform. Technology (IT)

olv3*	0.75	1.0	0.75	(1.0)
olv4*	0.25	0.0	0.25	(0.0)
olv5*	0.75	0.0	0.75	(0.0)
olv6*	0.25	0.0	0.25	(0.0)
olv7*	0.75	0.0	0.75	(0.0)
olv8*	0.25	0.0	0.25	(0.0)
olv9*	0.75	0.0	0.75	(0.0)
olv10*	0.25	0.0	0.25	(0.0)
olv11*	0.75	0.0	0.75	(0.0)
olv12*	0.25	0.0	0.25	(0.0)
olv13*	0.75	0.0	0.75	(0.0)
olv14*	0.25	0.0	0.25	(0.0)
olv15*	0.75	0.0	0.75	(0.0)
olv16*	0.25	0.0	0.25	(0.0)
olv17*	0.75	0.0	0.75	(0.0)
olv18*	0.25	0.0	0.25	(0.0)
olv19*	0.75	0.0	0.75	(0.0)
olv20*	0.25	0.0	0.25	(0.0)
olv21*	0.75	0.0	0.75	(0.0)
olv22*	0.25	0.0	0.25	(0.0)
olv23*	0.75	0.0	0.75	(0.0)
olv24*	0.25	0.0	0.25	(0.0)
olv25*	0.75	0.0	0.75	(0.0)
olv26*	0.25	0.0	0.25	(0.0)
olv27*	0.75	0.0	0.75	(0.0)
olv28*	0.25	0.0	0.25	(0.0)
olv29*	0.75	0.0	0.75	(0.0)
olv30*	0.25	0.0	0.25	(0.0)
olv31*	0.75	0.0	0.75	(0.0)
olv32*	0.25	0.0	0.25	(0.0)
olv33*	0.75	0.0	0.75	(0.0)
olv34*	0.25	0.0	0.25	(0.0)
olv35*	0.75	0.0	0.75	(0.0)
olv36*	0.25	0.0	0.25	(0.0)
olv37*	0.75	0.0	0.75	(0.0)
olv38*	0.25	0.0	0.25	(0.0)
olv39*	0.75	0.0	0.75	(0.0)
olv40*	0.25	0.0	0.25	(0.0)
olv41*	0.75	0.0	0.75	(0.0)
olv42*	0.25	0.0	0.25	(0.0)
olv43*	0.75	0.0	0.75	(0.0)
olv44*	0.25	0.0	0.25	(0.0)
olv45*	0.75	0.0	0.75	(0.0)
olv46*	0.25	0.0	0.25	(0.0)
olv47*	0.75	0.0	0.75	(0.0)
olv48*	0.25	0.0	0.25	(0.0)
olv49*	0.75	0.0	0.75	(0.0)
olv50*	0.25	0.0	0.25	(0.0)
olv51*	0.75	0.0	0.75	(0.0)
olv52*	0.25	0.0	0.25	(0.0)
olv53*	0.75	0.0	0.75	(0.0)
olv54*	0.25	0.0	0.25	(0.0)
olv55*	0.75	0.0	0.75	(0.0)
olv56*	0.25	0.0	0.25	(0.0)
olv57*	0.75	0.0	0.75	(0.0)
olv58*	0.25	0.0	0.25	(0.0)
olv59*	0.75	0.0	0.75	(0.0)
olv60*	0.25	0.0	0.25	(0.0)
olv61*	0.75	0.0	0.75	(0.0)
olv62*	0.25	0.0	0.25	(0.0)
olv63*	0.75	0.0	0.75	(0.0)
olv64*	0.25	0.0	0.25	(0.0)
olv65*	0.75	0.0	0.75	(0.0)
olv66*	0.25	0.0	0.25	(0.0)
olv67*	0.75	0.0	0.75	(0.0)
olv68*	0.25	0.0	0.25	(0.0)
olv69*	0.75	0.0	0.75	(0.0)
olv70*	0.25	0.0	0.25	(0.0)
olv71*	0.75	0.0	0.75	(0.0)
olv72*	0.25	0.0	0.25	(0.0)
olv73*	0.75	0.0	0.75	(0.0)
olv74*	0.25	0.0	0.25	(0.0)
olv75*	0.75	0.0	0.75	(0.0)
olv76*	0.25	0.0	0.25	(0.0)
olv77*	0.75	0.0	0.75	(0.0)
olv78*	0.25	0.0	0.25	(0.0)
olv79*	0.75	0.0	0.75	(0.0)
olv80*	0.25	0.0	0.25	(0.0)
olv81*	0.75	0.0	0.75	(0.0)
olv82*	0.25	0.0	0.25	(0.0)
olv83*	0.75	0.0	0.75	(0.0)
olv84*	0.25	0.0	0.25	(0.0)
olv85*	0.75	0.0	0.75	(0.0)
olv86*	0.25	0.0	0.25	(0.0)
olv87*	0.75	0.0	0.75	(0.0)
olv88*	0.25	0.0	0.25	(0.0)
olv89*	0.75	0.0	0.75	(0.0)
olv90*	0.25	0.0	0.25	(0.0)
olv91*	0.75	0.0	0.75	(0.0)
olv92*	0.25	0.0	0.25	(0.0)
olv93*	0.75	0.0	0.75	(0.0)
olv94*	0.25	0.0	0.25	(0.0)
olv95*	0.75	0.0	0.75	(0.0)
olv96*	0.25	0.0	0.25	(0.0)
olv97*	0.75	0.0	0.75	(0.0)
olv98*	0.25	0.0	0.25	(0.0)
olv99*	0.75	0.0	0.75	(0.0)
olv100*	0.25	0.0	0.25	(0.0)

relative Inform. Technology (IT)

olv3*	0.75	1.0	0.75	(1.0)
olv4*	0.25	0.0	0.25	(0.0)
olv5*	0.75	0.0	0.75	(0.0)
olv6*	0.25	0.0	0.25	(0.0)
olv7*	0.75	0.0	0.75	(0.0)
olv8*	0.25	0.0	0.25	(0.0)
olv9*	0.75	0.0	0.75	(0.0)
olv10*	0.25	0.0	0.25	(0.0)
olv11*	0.75	0.0	0.75	(0.0)
olv12*	0.25	0.0	0.25	(0.0)
olv13*	0.75	0.0	0.75	(0.0)
olv14*	0.25	0.0	0.25	(0.0)
olv15*	0.75	0.0	0.75	(0.0)
olv16*	0.25	0.0	0.25	(0.0)
olv17*	0.75	0.0	0.75	(0.0)
olv18*	0.25	0.0	0.25	(0.0)
olv19*	0.75	0.0	0.75	(0.0)
olv20*	0.25	0.0	0.25	(0.0)
olv21*	0.75	0.0	0.75	(0.0)
olv22*	0.25	0.0	0.25	(0.0)
olv23*	0.75	0.0	0.75	(0.0)
olv24*	0.25	0.0	0.25	(0.0)
olv25*	0.75	0.0	0.75	(0.0)
olv26*	0.25	0.0	0.25	(0.0)
olv27*	0.75	0.0	0.75	(0.0)
olv28*	0.25	0.0	0.25	(0.0)
olv29*	0.75	0.0	0.75	(0.0)
olv30*	0.25	0.0	0.25	(0.0)
olv31*	0.75	0.0	0.75	(0.0)
olv32*	0.25	0.0	0.25	(0.0)
olv33*	0.75	0.0	0.75	(0.0)
olv34*	0.25	0.0	0.25	(0.0)
olv35*	0.75	0.0	0.75	(0.0)
olv36*	0.25	0.0	0.25	(0.0)
olv37*	0.75	0.0	0.75	(0.0)
olv38*	0.25	0.0	0.25	(0.0)
olv39*	0.75	0.0	0.75	(0.0)
olv40*	0.25	0.0	0.25	(0.0)
olv41*	0.75	0.0	0.75	(0.0)
olv42*	0.25	0.0	0.25	(0.0)
olv43*	0.75	0.0	0.75	(0.0)
olv44*	0.25	0.0	0.25	(0.0)
olv45*				

Eingabe: Farbmetrisches Natürliches-Reflektiv-System CNS18

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

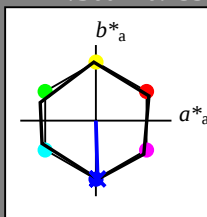
lab^*ch und lab^*nch

D65: Buntton B

LCH*Ma: 57 77 272

olv*Ma: 0.0 0.0 1.0

Dreiecks-Helligkeit t^*



%Umfang

$u^*_{rel} = 100$

relative Inform. Technology (IT)

olv3*	1.0	1.0	1.0	(1.0)
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)
olv4*	0.0	0.0	0.0	(0.0)
olv4*	0.0	0.0	0.0	(0.0)
standard and adapted CIELAB				
LAB*LAB	56.7	77.4	272	
LAB*LAB	56.7	77.4	272	
LAB*LAB	56.7	77.4	272	
LAB*LAB	56.7	77.4	272	

relative Inform. Technology (IT)

olv3*	0.75	0.75	0.75	(1.0)
olv3*	0.25	0.25	0.25	(0.0)
olv4*	1.0	1.0	1.0	(1.0)
olv4*	0.0	0.0	0.0	(0.0)
olv4*	0.0	0.0	0.0	(0.0)
olv4*	0.0	0.0	0.0	(0.0)
standard and adapted CIELAB				
LAB*LAB	56.7	77.4	272	
LAB*LAB	56.7	77.4	272	
LAB*LAB	56.7	77.4	272	
LAB*LAB	56.7	77.4	272	

relative Inform. Technology (IT)

olv3*	0.75	0.75	0.75	(1.0)
olv3*	0.25	0.25	0.25	(0.0)
olv4*	1.0	1.0	1.0	(1.0)
olv4*	0.0	0.0	0.0	(0.0)
olv4*	0.0	0.0	0.0	(0.0)
olv4*	0.0	0.0	0.0	(0.0)
standard and adapted CIELAB				
LAB*LAB	56.7	77.4	272	
LAB*LAB	56.7	77.4	272	
LAB*LAB	56.7	77.4	272	
LAB*LAB	56.7	77.4	272	

relative Inform. Technology (IT)

olv3*	0.75	0.75	0.75	(1.0)
olv3*	0.25	0.25	0.25	(0.0)
olv4*	1.0	1.0	1.0	(1.0)
olv4*	0.0	0.0	0.0	(0.0)
olv4*	0.0	0.0	0.0	(0.0)
olv4*	0.0	0.0	0.0	(0.0)
standard and adapted CIELAB				
LAB*LAB	56.7	77.4	272	
LAB*LAB	56.7	77.4	272	
LAB*LAB	56.7	77.4	272	
LAB*LAB	56.7	77.4	272	

relative Inform. Technology (IT)

olv3*	0.75	0.75	0.75	(1.0)
olv3*	0.25	0.25	0.25	(0.0)
olv4*	1.0	1.0	1.0	(1.0)
olv4*	0.0	0.0	0.0	(0.0)
olv4*	0.0	0.0	0.0	(0.0)
olv4*	0.0	0.0	0.0	(0.0)
standard and adapted CIELAB				
LAB*LAB	56.7	77.4	272	
LAB*LAB	56.7	77.4	272	
LAB*LAB	56.7	77.4	272	
LAB*LAB	56.7	77.4	272	

relative Inform. Technology (IT)

olv3*	0.75	0.75	0.75	(1.0)
olv3*	0.25	0.25	0.25	(0.0)
olv4*	1.0	1.0	1.0	(1.0)
olv4*	0.0	0.0	0.0	(0.0)
olv4*	0.0	0.0	0.0	(0.0)
olv4*	0.0	0.0	0.0	(0.0)
standard and adapted CIELAB				
LAB*LAB	56.7	77.4	272	
LAB*LAB	56.7	77.4	272	
LAB*LAB	56.7	77.4	272	
LAB*LAB	56.7	77.4	272	

relative Inform. Technology (IT)

olv3*	0.75	0.75	0.75	(1.0)
olv3*	0.25	0.25	0.25	(0.0)
olv4*	1.0	1.0	1.0	(1.0)
olv4*	0.0	0.0	0.0	(0.0)
olv4*	0.0	0.0	0.0	(0.0)
olv4*	0.0	0.0	0.0	(0.0)
standard and adapted CIELAB				
LAB*LAB	56.7	77.4	272	
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LAB*LAB	56.7	77.4	272	
LAB*LAB	56.7	77.4	272	

relative Inform. Technology (IT)

olv3*	0.75	0.75	0.75	(1.0)
olv3*	0.25	0.25	0.25	(0.0)
olv4*	1.0	1.0	1.0	(1.0)
olv4*	0.0	0.0	0.0	(0.0)
olv4*	0.0	0.0	0.0	(0.0)
olv4*	0.0	0.0	0.0	(0.0)
standard and adapted CIELAB				
LAB*LAB	56.7	77.4	272	
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LAB*LAB	56.7	77.4	272	
LAB*LAB	56.7	77.4	272	

relative Inform. Technology (IT)

olv3*	0.75	0.75	0.75	(1.0)
olv3*	0.25	0.25	0.25	(0.0)
olv4*	1.0	1.0	1.0	(1.0)
olv4*	0.0	0.0	0.0	(0.0)
olv4*	0.0	0.0	0.0	(0.0)
olv4*	0.0	0.0	0.0	(0.0)
standard and adapted CIELAB				
LAB*LAB	56.7	77.4	272	
LAB*LAB	56.7	77.4	272	
LAB*LAB	56.7	77.4	272	
LAB*LAB	56.7	77.4	272	

relative Inform. Technology (IT)

olv3*	0.75	0.75	0.75	(1.0)
olv3*	0.25	0.25	0.25	(0.0)
olv4*	1.0	1.0	1.0	(1.0)
olv4*	0.0	0.0	0.0	(0.0)
olv4*	0.0	0.0	0.0	(0.0)
olv4*	0.0	0.0	0.0	(0.0)
standard and adapted CIELAB				
LAB*LAB	56.7	77.4	272	
LAB*LAB	56.7	77.4	272	
LAB*LAB	56.7	77.4	272	
LAB*LAB	56.7	77.4	272	

relative Inform. Technology (IT)

olv3*	0.75	0.75	0.75	(1.0)
olv3*	0.25	0.25	0.25	(0.0)
olv4*	1.0	1.0	1.0	(1.0)
olv4*	0.0	0.0	0.0	(0.0)
olv4*	0.0	0.0	0.0	(0.0)
olv4*	0.0	0.0	0.0	(0.0)
standard and adapted CIELAB				
LAB*LAB	56.7	77.4	272	
LAB*LAB	56.7	77.4	272	
LAB*LAB	56.7	77.4	272	
LAB*LAB	56.7	77.4	272	

CNS18; adaptierte CIELAB-Daten

$L^*=L^*_a$ a^*_a b^*_a $C^*_{ab,a}$ $h^*_{ab,a}$

RMa	56.7	70.15	32.71	77.4	25
JMa	56.7	-2.69	77.35	77.4	92
GMa	56.7	-73.6	23.92	77.4	162
G50BMa	56.7	-71.24	-30.23	77.4	203
BMa	56.7	2.7	-77.34	77.4	272
B50RMa	56.7	63.4	-44.38	77.4	325
NMa	18.01	0.0	0.0	0.0	0
WMa	95.41	0.0	0.0	0.0	0
RCIE	39.92	58.74	27.99	65.07	25
JCIE	81.26	-2.88	71.56	71.62	92
GCIE	52.23	-42.41	13.6	44.55	162
BCIE	30.57	1.41	-46.46	46.49	272

%Regularität

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

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

relative Inform. Technology (IT)

olv3*	0.75	0.75	0.75	(1.0)
olv3*	0.25	0.25	0.25	(0.0)
olv4*	1.0	1.0	1.0	(1.0)
olv4*	0.0	0.0	0.0	(0.0)
olv4*	0.0	0.0	0.0	(0.0)
olv4*	0.0	0.0	0.0	(0.0)
standard and adapted CIELAB				
LAB*LAB	56.7	77.4	272	
LAB*LAB	56.7	77.4	272	
LAB*LAB	56.7	77.4	272	
LAB*LAB	56.7	77.4	272	

relative Inform. Technology (IT)

olv3*	0.75	0.75	0.75	(1.0)
olv3*	0.25	0.25	0.25	(0.0)
olv4*	1.0	1.0	1.0	(1.0)
olv4*	0.0	0.0	0.0	(0.0)
olv4*	0.0	0.0	0.0	(0.0)
olv4*	0.0	0.0	0.0	(0.0)
standard and adapted CIELAB				
LAB*LAB	56.7	77.4	272	
LAB*LAB	56.7	77.4	272	
LAB*LAB	56.7	77.4	272	
LAB*LAB	56.7	77.4	272	

relative Inform. Technology (IT)

olv3*	0.75	0.75	0.75	(1.0)
olv3*	0.25	0.25	0.25	(0.0)
olv4*	1.0	1.0	1.0	(1.0)
olv4*	0.0	0.0	0.0	(0.0)
olv4*	0.0	0.0	0.0	(0.0)
olv4*	0.0	0.0	0.0	(0.0)
standard and adapted CIELAB				
LAB*LAB	56.7	77.4	272	
LAB*LAB	56.7	77.4	272	
LAB*LAB	56.7	77.4	272	
LAB*LAB	56.7	77.4	272	

relative Inform. Technology (IT)

olv3*	0.75	0.75	0.75	(1.0)
olv3*	0.25	0.25	0.25	(0.0)
olv4*	1.0	1.0	1.0	(1.0)
olv4*	0.0	0.0	0.0	(0.0)
olv4*	0.0	0.0	0.0	(0.0)
olv4*	0.0	0.0	0.0	(0.0)
standard and adapted CIELAB				
LAB*LAB	56.7	77.4	272	
LAB*LAB	56.7	77.4	272	
LAB*LAB	56.7	77.4	272	
LAB*LAB	56.7	77.4	272	

relative Inform. Technology (IT)

olv3*	0.75	0.75	0.75	(1.0)
olv3*	0.25	0.25	0.25	(0.0)
olv4*	1.0	1.0	1.0	(1.0)
olv4*	0.0	0.0	0.0	(0.0)
olv4*	0.0	0.0	0.0	(0.0)
olv4*	0.0	0.0	0.0	(0.0)
standard and adapted CIELAB				
LAB*LAB	56.7	77.4	272	
LAB*LAB	56.7	77.4	272	
LAB*LAB	56.7	77.4	272	
LAB*LAB	56.7	77.4	272	

relative Inform. Technology (IT)

olv3*	0.75	0.75	0.75	(1.0)
olv3*	0.25	0.25	0.25	(0.0)
olv4*	1.0	1.0	1.0	(1.0)
olv4*	0.0	0.0	0.0	(0.0)
olv4*	0.0	0.0	0.0	(0.0)
olv4*	0.0	0.0	0.0	(0.0)
standard and adapted CIELAB				
LAB*LAB	56.7	77.4	272	
LAB*LAB	56.7	77.4	272	
LAB*LAB	56.7	77.4	272	
LAB*LAB	56.7	77.4	272	

relative Inform. Technology (IT)

olv3*	0.75	0.75	0.75	(1.0)
olv3*	0.25	0.25	0.25	(0.0)
olv4*	1.0	1.0	1.0	(1.0)
olv4*	0.0	0.0	0.0	(0.0)
olv4*	0.0	0.0	0.0	(0.0)
olv4*	0.0	0.0	0.0	(0.0)
standard and adapted CIELAB				
LAB*LAB	56.7	77.4	272	
LAB*LAB	56.7	77.4	272	
LAB*LAB	56.7	77.4	272	
LAB*LAB	56.7	77.4	272	

relative Inform. Technology (IT)

olv3*	0.75	0.75	0.75	(1.0)
olv3*	0.25	0.25	0.25	(0.0)
olv4*	1.0	1.0	1.0	(1.0)
olv4*	0.0	0.0	0.0	(0.0)
olv4*	0.0	0.0	0.0	(0.0)
olv4*	0.0	0.0	0.0	(0.0)
standard and adapted CIELAB				
LAB*LAB	56.7	77.4	272	
LAB*LAB	56.7	77.4	272	
LAB*LAB	56.7	77.4	272	
LAB*LAB	56.7	77.4	272	

relative Inform. Technology (IT)

olv3*	0.75	0.75	0.75	(1.0)
olv3*	0.25	0.25	0.25	(0.0)
olv4*	1.0	1.0	1.0	(1.0)
olv4*	0.0	0.0	0.0	(0.0)
olv4*	0.0	0.0	0.0	(0.0)
olv4*	0.0	0.0	0.0	(0.0)
standard and adapted CIELAB				
LAB*LAB	56.7	77.4	272	
LAB*LAB	56.7	77.4	272	
LAB*LAB	56.7	77.4	272	
LAB*LAB	56.7	77.4	272	

Ausgabe: Farbmetrisches Fernseh-Licht-System TLS18

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

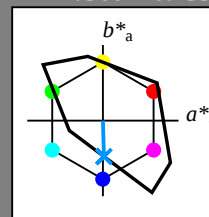
lab^*ch und lab^*nch

D65: Buntton B

LCH*Ma: 65 48 272

olv*Ma: 0.0 0.58 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	