

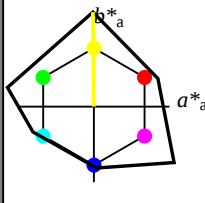
Eingabe: Farbmetrisches Reflexions-System NCS11

für Buntton $h^* = lab^*h = 91/360 = 0.252$

lab^*ch und lab^*nch

D65: Buntton J
LCH*Ma: 91 125 91
rgb*Ma: 1.0 1.0 0.0

Dreiecks-Helligkeit t^*



%Umfang

$u^*_{rel} = 149$

relative Inform. Technology (IT)
olvi3* 1.0 1.0 1.0 (1.0)
cmyn3* 0.0 0.0 0.0 (0.0)
olvi4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
LAB*LAB 95.41 0.0 -0.01
LAB*Lab 95.41 0.0 0.0
LAB*TCMa 99.99 0.01 0.0

relative CIELAB lab*
lab*lab 1.0 0.0 0.0
lab*ch 1.0 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 1.0 0.0 0.0
lab*nce 1.0 0.0 0.0

standard and adapted CIELAB
LAB*LAB 95.41 0.0 -0.01
LAB*Lab 95.41 0.0 0.0
LAB*TCMa 99.99 0.01 0.0

relative Inform. Technology (IT)
olvi3* 0.75 0.75 0.75 (1.0)
cmyn3* 0.25 0.25 0.25 (0.0)
olvi4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
LAB*LAB 74.31 0.02 0.0
LAB*Lab 74.31 0.02 0.0
LAB*TCMa 75.00 0.01 0.0

relative CIELAB lab*
lab*lab 0.75 0.0 0.0
lab*ch 0.75 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.75 0.0 0.0
lab*nce 0.75 0.0 0.0

standard and adapted CIELAB
LAB*LAB 74.31 0.02 0.0
LAB*Lab 74.31 0.02 0.0
LAB*TCMa 75.00 0.01 0.0

relative Inform. Technology (IT)
olvi3* 0.25 0.25 0.25 (1.0)
cmyn3* 0.75 0.75 0.75 (0.0)
olvi4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
LAB*LAB 53.21 0.04 0.0
LAB*Lab 53.21 0.04 0.0
LAB*TCMa 50.00 0.01 0.0

relative CIELAB lab*
lab*lab 0.25 0.0 0.0
lab*ch 0.25 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.25 0.0 0.0
lab*nce 0.25 0.0 0.0

standard and adapted CIELAB
LAB*LAB 53.21 0.04 0.0
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LAB*TCMa 50.00 0.01 0.0

relative Inform. Technology (IT)
olvi3* 0.0 0.0 0.0 (1.0)
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olvi4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
LAB*LAB 11.01 0.07 0.01
LAB*Lab 11.01 0.07 0.01
LAB*TCMa 0.01 0.01 0.0

relative CIELAB lab*
lab*lab 0.0 0.0 0.0
lab*ch 0.0 0.0 0.0
lab*nch 1.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.0 0.0 0.0
lab*nce 0.0 0.0 0.0

standard and adapted CIELAB
LAB*LAB 11.01 0.07 0.01
LAB*Lab 11.01 0.07 0.01
LAB*TCMa 0.01 0.01 0.0

NCS11; adaptierte CIELAB-Daten

	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
RMa	47.15	84.64	37.25	92.48	24
JMa	91.37	-1.27	125.03	125.03	91
GMa	63.07	-114.28	25.35	117.06	167
G50B _{Ma}	59.47	-80.6	-33.45	87.28	203
B _{Ma}	49.01	3.65	-81.19	81.28	273
B50R _{Ma}	44.06	106.09	-73.93	129.32	325
N _{Ma}	10.99	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
RCIE	39.92	58.69	27.98	65.01	25
JCIE	81.26	-2.9	71.56	71.62	92
GCIE	52.23	-42.45	13.59	44.59	162
BCIE	30.57	1.35	-46.48	46.51	272

%Regularität

$g^*_{H,rel} = 46$

$g^*_{C,rel} = 65$

%Umfang

$u^*_{rel} = 149$

relative Inform. Technology (IT)

olvi3* 1.0 1.0 1.0 (1.0)
cmyn3* 0.0 0.0 0.0 (0.0)
olvi4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
LAB*LAB 93.38 -0.62 62.5
LAB*Lab 93.38 -0.62 62.5
LAB*TCMa 93.38 -0.62 62.5

relative CIELAB lab*
lab*lab 0.976 0.004 0.5
lab*ch 0.75 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.976 0.004 0.5
lab*nce 0.75 0.0 0.0

standard and adapted CIELAB
LAB*LAB 93.38 -0.62 62.5
LAB*Lab 93.38 -0.62 62.5
LAB*TCMa 93.38 -0.62 62.5

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olvi3* 0.75 0.75 0.75 (1.0)
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LAB*TCMa 72.29 -0.62 62.52

relative CIELAB lab*
lab*lab 0.726 0.02 0.5
lab*ch 0.726 0.02 0.5
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.726 0.02 0.5
lab*nce 0.726 0.02 0.5

standard and adapted CIELAB
LAB*LAB 72.29 -0.62 62.52
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relative Inform. Technology (IT)
olvi3* 0.5 0.5 0.5 (1.0)
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lab*nce 0.5 0.0 0.0

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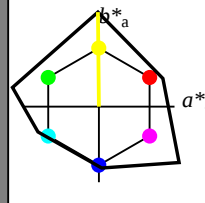
Ausgabe: Farbmetrisches Reflexions-System NCS11

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lab*nce 0.0 0.0 0.0

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lab*lab 0.726 0.02 0.5
lab*ch 0.726 0.02 0.5
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.726 0.02 0.5
lab*nce 0.726 0.02 0.5

standard and adapted CIELAB
LAB*LAB 72.29 -0.62 62.52
LAB*Lab 72.29 -0.62 62.52
LAB*TCMa 72.29 -0.62 62.52

relative Inform. Technology (IT)
olvi3* 0.5 0.5 0.5 (1.0)
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LAB*LAB 50.00 0.01 0.0
LAB*Lab 50.00 0.01 0.0
LAB*TCMa 50.00 0.01 0.0

relative CIELAB lab*
lab*lab 0.5 0.0 0.0
lab*ch 0.5 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.5 0.0 0.0
lab*nce 0.5 0.0 0.0

standard and adapted CIELAB
LAB*LAB 50.00 0.01 0.0
LAB*Lab 50.00 0.01 0.0
LAB*TCMa 50.00 0.01 0.0

TG59-7, 5 stufige Reihen für konstanten CIELAB Buntton 91/360 = 0.252 (links)

5 stufige Reihen für konstanten CIELAB Buntton 91/360 = 0.252 (rechts)

BAM-Prüfvorlage TG59; Farbmetrik-Systeme ORS18 & ORS18 input: $olv^* setrgbcolor$

D65: 2 Koordinaten-Daten von 5stufigen Farbreihen für 10 Bunttonen input: Startup (S) data dependend

Eingabe: Farbmetrisches Reflexions-System NCS11

für Buntton $h^* = lab^*h = 203/360 = 0.563$

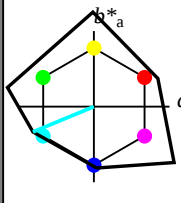
lab^*ch und lab^*nch

D65: Buntton G50B

LCH*Ma: 59 87 203

rgb*Ma: 0.0 1.0 1.0

Dreiecks-Helligkeit t^*



%Umfang

$u^*_{rel} = 149$

relative Inform. Technology (IT)
olvi3* 1.0 1.0 1.0 (1.0)
olvi4* 0.0 0.0 0.0 (0.0)
olvi5* 1.0 1.0 1.0 (1.0)
olvi6* 0.0 0.0 0.0 (0.0)
olvi7* 0.0 0.0 0.0 (0.0)
LAB*LAB 95.41 0.0 -0.01
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)
olvi3* 0.75 1.0 1.0 (1.0)
olvi4* 0.25 0.0 0.0 (0.0)
olvi5* 0.75 1.0 1.0 (1.0)
olvi6* 0.25 0.0 0.0 (0.0)
olvi7* 0.75 1.0 1.0 (1.0)
olvi8* 0.25 0.0 0.0 (0.0)
LAB*LAB 86.42 -20.12 -8.35
LAB*LABa 86.42 -20.12 -8.35
LAB*LABb 86.42 -20.12 -8.35
LAB*LABc 86.42 -20.12 -8.35
LAB*LABd 86.42 -20.12 -8.35
LAB*LABe 86.42 -20.12 -8.35
LAB*LABf 86.42 -20.12 -8.35
LAB*LABg 86.42 -20.12 -8.35
LAB*LABh 86.42 -20.12 -8.35
LAB*LABi 86.42 -20.12 -8.35
LAB*LABj 86.42 -20.12 -8.35
LAB*LABk 86.42 -20.12 -8.35
LAB*LABl 86.42 -20.12 -8.35
LAB*LABm 86.42 -20.12 -8.35
LAB*LABn 86.42 -20.12 -8.35
LAB*LABo 86.42 -20.12 -8.35
LAB*LABp 86.42 -20.12 -8.35
LAB*LABq 86.42 -20.12 -8.35
LAB*LABr 86.42 -20.12 -8.35
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LAB*LABu 86.42 -20.12 -8.35
LAB*LABv 86.42 -20.12 -8.35
LAB*LABw 86.42 -20.12 -8.35
LAB*LABx 86.42 -20.12 -8.35
LAB*LABy 86.42 -20.12 -8.35
LAB*LABz 86.42 -20.12 -8.35

relative Inform. Technology (IT)
olvi3* 0.5 1.0 1.0 (1.0)
olvi4* 0.25 0.0 0.0 (0.0)
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LAB*LAB 74.31 0.02 0.0
LAB*LABa 74.31 0.02 0.0
LAB*LABb 74.31 0.02 0.0
LAB*LABc 74.31 0.02 0.0
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LAB*LAB 32.11 0.01 0.0
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olvi4* 0.25 0.0 0.0 (0.0)
olvi5* 0.75 1.0 1.0 (1.0)
olvi6* 0.25 0.0 0.0 (0.0)
olvi7* 0.75 1.0 1.0 (1.0)
olvi8* 0.25 0.0 0.0 (0.0)
LAB*LAB 11.01 0.01 0.0
LAB*LABa 11.01 0.01 0.0
LAB*LABb 11.01 0.01 0.0
LAB*LABc 11.01 0.01 0.0
LAB*LABd 11.01 0.01 0.0
LAB*LABe 11.01 0.01 0.0
LAB*LABf 11.01 0.01 0.0
LAB*LABg 11.01 0.01 0.0
LAB*LABh 11.01 0.01 0.0
LAB*LABi 11.01 0.01 0.0
LAB*LABj 11.01 0.01 0.0
LAB*LABk 11.01 0.01 0.0
LAB*LABl 11.01 0.01 0.0
LAB*LABm 11.01 0.01 0.0
LAB*LABn 11.01 0.01 0.0
LAB*LABo 11.01 0.01 0.0
LAB*LABp 11.01 0.01 0.0
LAB*LABq 11.01 0.01 0.0
LAB*LABr 11.01 0.01 0.0
LAB*LABs 11.01 0.01 0.0
LAB*LABt 11.01 0.01 0.0
LAB*LABu 11.01 0.01 0.0
LAB*LABv 11.01 0.01 0.0
LAB*LABw 11.01 0.01 0.0
LAB*LABx 11.01 0.01 0.0
LAB*LABy 11.01 0.01 0.0
LAB*LABz 11.01 0.01 0.0

relative Inform. Technology (IT)
olvi3* 0.0 0.0 0.0 (0.0)
olvi4* 0.25 0.0 0.0 (0.0)
olvi5* 0.75 1.0 1.0 (1.0)
olvi6* 0.25 0.0 0.0 (0.0)
olvi7* 0.75 1.0 1.0 (1.0)
olvi8* 0.25 0.0 0.0 (0.0)
LAB*LAB 0.01 0.01 0.0
LAB*LABa 0.01 0.01 0.0
LAB*LABb 0.01 0.01 0.0
LAB*LABc 0.01 0.01 0.0
LAB*LABd 0.01 0.01 0.0
LAB*LABe 0.01 0.01 0.0
LAB*LABf 0.01 0.01 0.0
LAB*LABg 0.01 0.01 0.0
LAB*LABh 0.01 0.01 0.0
LAB*LABi 0.01 0.01 0.0
LAB*LABj 0.01 0.01 0.0
LAB*LABk 0.01 0.01 0.0
LAB*LABl 0.01 0.01 0.0
LAB*LABm 0.01 0.01 0.0
LAB*LABn 0.01 0.01 0.0
LAB*LABo 0.01 0.01 0.0
LAB*LABp 0.01 0.01 0.0
LAB*LABq 0.01 0.01 0.0
LAB*LABr 0.01 0.01 0.0
LAB*LABs 0.01 0.01 0.0
LAB*LABt 0.01 0.01 0.0
LAB*LABu 0.01 0.01 0.0
LAB*LABv 0.01 0.01 0.0
LAB*LABw 0.01 0.01 0.0
LAB*LABx 0.01 0.01 0.0
LAB*LABy 0.01 0.01 0.0
LAB*LABz 0.01 0.01 0.0

relative Inform. Technology (IT)
olvi3* 0.0 0.0 0.0 (0.0)
olvi4* 0.25 0.0 0.0 (0.0)
olvi5* 0.75 1.0 1.0 (1.0)
olvi6* 0.25 0.0 0.0 (0.0)
olvi7* 0.75 1.0 1.0 (1.0)
olvi8* 0.25 0.0 0.0 (0.0)
LAB*LAB 0.00 0.00 0.0
LAB*LABa 0.00 0.00 0.0
LAB*LABb 0.00 0.00 0.0
LAB*LABc 0.00 0.00 0.0
LAB*LABd 0.00 0.00 0.0
LAB*LABe 0.00 0.00 0.0
LAB*LABf 0.00 0.00 0.0
LAB*LABg 0.00 0.00 0.0
LAB*LABh 0.00 0.00 0.0
LAB*LABi 0.00 0.00 0.0
LAB*LABj 0.00 0.00 0.0
LAB*LABk 0.00 0.00 0.0
LAB*LABl 0.00 0.00 0.0
LAB*LABm 0.00 0.00 0.0
LAB*LABn 0.00 0.00 0.0
LAB*LABo 0.00 0.00 0.0
LAB*LABp 0.00 0.00 0.0
LAB*LABq 0.00 0.00 0.0
LAB*LABr 0.00 0.00 0.0
LAB*LABs 0.00 0.00 0.0
LAB*LABt 0.00 0.00 0.0
LAB*LABu 0.00 0.00 0.0
LAB*LABv 0.00 0.00 0.0
LAB*LABw 0.00 0.00 0.0
LAB*LABx 0.00 0.00 0.0
LAB*LABy 0.00 0.00 0.0
LAB*LABz 0.00 0.00 0.0

relative Inform. Technology (IT)
olvi3* 0.0 0.0 0.0 (0.0)
olvi4* 0.25 0.0 0.0 (0.0)
olvi5* 0.75 1.0 1.0 (1.0)
olvi6* 0.25 0.0 0.0 (0.0)
olvi7* 0.75 1.0 1.0 (1.0)
olvi8* 0.25 0.0 0.0 (0.0)
LAB*LAB 0.00 0.00 0.0
LAB*LABa 0.00 0.00 0.0
LAB*LABb 0.00 0.00 0.0
LAB*LABc 0.00 0.00 0.0
LAB*LABd 0.00 0.00 0.0
LAB*LABe 0.00 0.00 0.0
LAB*LABf 0.00 0.00 0.0
LAB*LABg 0.00 0.00 0.0
LAB*LABh 0.00 0.00 0.0
LAB*LABi 0.00 0.00 0.0
LAB*LABj 0.00 0.00 0.0
LAB*LABk 0.00 0.00 0.0
LAB*LABl 0.00 0.00 0.0
LAB*LABm 0.00 0.00 0.0
LAB*LABn 0.00 0.00 0.0
LAB*LABo 0.00 0.00 0.0
LAB*LABp 0.00 0.00 0.0
LAB*LABq 0.00 0.00 0.0
LAB*LABr 0.00 0.00 0.0
LAB*LABs 0.00 0.00 0.0
LAB*LABt 0.00 0.00 0.0
LAB*LABu 0.00 0.00 0.0
LAB*LABv 0.00 0.00 0.0
LAB*LABw 0.00 0.00 0.0
LAB*LABx 0.00 0.00 0.0
LAB*LABy 0.00 0.00 0.0
LAB*LABz 0.00 0.00 0.0

relative Inform. Technology (IT)
olvi3* 0.0 0.0 0.0 (0.0)
olvi4* 0.25 0.0 0.0 (0.0)
olvi5* 0.75 1.0 1.0 (1.0)
olvi6* 0.25 0.0 0.0 (0.0)
olvi7* 0.75 1.0 1.0 (1.0)
olvi8* 0.25 0.0 0.0 (0.0)
LAB*LAB 0.00 0.00 0.0
LAB*LABa 0.00 0.00 0.0
LAB*LABb 0.00 0.00 0.0
LAB*LABc 0.00 0.00 0.0
LAB*LABd 0.00 0.00 0.0
LAB*LABe 0.00 0.00 0.0
LAB*LABf 0.00 0.00 0.0
LAB*LABg 0.00 0.00 0.0
LAB*LABh 0.00 0.00 0.0
LAB*LABi 0.00 0.00 0.0
LAB*LABj 0.00 0.00 0.0
LAB*LABk 0.00 0.00 0.0
LAB*LABl 0.00 0.00 0.0
LAB*LABm 0.00 0.00 0.0
LAB*LABn 0.00 0.00 0.0
LAB*LABo 0.00 0.00 0.0
LAB*LABp 0.00 0.00 0.0
LAB*LABq 0.00 0.00 0.0
LAB*LABr 0.00 0.00 0.0
LAB*LABs 0.00 0.00 0.0
LAB*LABt 0.00 0.00 0.0
LAB*LABu 0.00 0.00 0.0
LAB*LABv 0.00 0.00 0.0
LAB*LABw 0.00 0.00 0.0
LAB*LABx 0.00 0.00 0.0
LAB*LABy 0.00 0.00 0.0
LAB*LABz 0.00 0.00 0.0

relative Inform. Technology (IT)
olvi3* 0.0 0.0 0.0 (0.0)
olvi4* 0.25 0.0 0.0 (0.0)
olvi5* 0.75 1.0 1.0 (1.0)
olvi6* 0.25 0.0 0.0 (0.0)
olvi7* 0.75 1.0 1.0 (1.0)
olvi8* 0.25 0.0 0.0 (0.0)
LAB*LAB 0.00 0.00 0.0
LAB*LABa 0.00 0.00 0.0
LAB*LABb 0.00 0.00 0.0
LAB*LABc 0.00 0.00 0.0
LAB*LABd 0.00 0.00 0.0
LAB*LABe 0.00 0.00 0.0
LAB*LABf 0.00 0.00 0.0
LAB*LABg 0.00 0.00 0.0
LAB*LABh 0.00 0.00 0.0
LAB*LABi 0.00 0.00 0.0
LAB*LABj 0.00 0.00 0.0
LAB*LABk 0.00 0.00 0.0
LAB*LABl 0.00 0.00 0.0
LAB*LABm 0.00 0.00 0.0
LAB*LABn 0.00 0.00 0.0
LAB*LABo 0.00 0.00 0.0
LAB*LABp 0.00 0.00 0.0
LAB*LABq 0.00 0.00 0.0
LAB*LABr 0.00 0.00 0.0
LAB*LABs 0.00 0.00 0.0
LAB*LABt 0.00 0.00 0.0
LAB*LABu 0.00 0.00 0.0
LAB*LABv 0.00 0.00 0.0
LAB*LABw 0.00 0.00 0.0
LAB*LABx 0.00 0.00 0.0
LAB*LABy 0.00 0.00 0.0
LAB*LABz 0.00 0.00 0.0

NCS11; adaptierte CIELAB-Daten

	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
RMa	47.15	84.64	37.25	92.48	24
JMa	91.37	-1.27	125.03	125.03	91
GMa	63.07	-114.28	25.35	117.06	167
G50B _{Ma}	59.47	-80.6	-33.45	87.28	203
B _{Ma}	49.01	3.65	-81.19	81.28	273
B50R _{Ma}	44.06	106.09	-73.93	129.32	325
N _{Ma}	10.99	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
RCIE	39.92	58.69	27.98	65.01	25
JCIE	81.26	-2.9	71.56	71.62	92
GCIE	52.23	-42.45	13.59	44.59	162
BCIE	30.57	1.35	-46.48	46.51	272

%Regularität

$g^*_{H,rel} = 46$

$g^*_{C,rel} = 65$

relative Inform. Technology (IT)

olvi3* 0.5 1.0 1.0 (1.0)
olvi4* 0.25 0.0 0.0 (0.0)
olvi5* 0.75 1.0 1.0 (1.0)
olvi6* 0.25 0.0 0.0 (0.0)
olvi7* 0.75 1.0 1.0 (1.0)
olvi8* 0.25 0.0 0.0 (0.0)
LAB*LAB 77.43 -40.26 -16.71
LAB*LABa 77.43 -40.26 -16.71
LAB*LABb 77.43 -40.26 -16.71
LAB*LABc 77.43 -40.26 -16.71
LAB*LABd 77.43 -40.26 -16.71
LAB*LABe 77.43 -40.26 -16.71
LAB*LABf 77.43 -40.26 -16.71
LAB*LABg 77.43 -40.26 -16.71
LAB*LABh 77.43 -40.26 -16.71
LAB*LABi 77.43 -40.26 -16.71
LAB*LABj 77.43 -40.26 -16.71
LAB*LABk 77.43 -40.26 -16.71
LAB*LABl 77.43 -40.26 -16.71
LAB*LABm 77.43 -40.26 -16.71
LAB*LABn 77.43 -40.26 -16.71
LAB*LABo 77.43 -40.26 -16.71
LAB*LABp 77.43 -40.26 -16.71
LAB*LABq 77.43 -40.26 -16.71
LAB*LABr 77.43 -40.26 -16.71
LAB*LABs 77.43 -40.26 -16.71
LAB*LABt 77.43 -40.26 -16.71
LAB*LABu 77.43 -40.26 -16.71
LAB*LABv 77.43 -40.26 -16.71
LAB*LABw 77.43 -40.26 -16.71
LAB*LABx 77.43 -40.26 -16.71
LAB*LABy 77.43 -40.26 -16.71
LAB*LABz 77.43 -40.26 -16.71

relative Inform. Technology (IT)

olvi3* 0.25 0.5 0.5 (0.0)
olvi4* 0.25 0.0 0.0 (0.0)
olvi5* 0.75 1.0 1.0 (1.0)
olvi6* 0.25 0.0 0.0 (0.0)
olvi7* 0.75 1.0 1.0 (1.0)
olvi8* 0.25 0.0 0.0 (0.0)
LAB*LAB 68.45 -60.41 -25.08
LAB*LABa 68.45 -60.41 -25.08
LAB*LABb 68.45 -60.41 -25.08
LAB*LABc 68.45 -60.41 -25.08
LAB*LABd 68.45 -60.41 -25.08
LAB*LABe 68.45 -60.41 -25.08
LAB*LABf 68.45 -60.41 -25.08
LAB*LABg 68.45 -60.41 -25.08
LAB*LABh 68.45 -60.41 -25.08
LAB*LABi 68.45 -60.41 -25.08
LAB*LABj 68.45 -60.41 -25.08
LAB*LABk 68.45 -60.41 -25.08
LAB*LABl 68.45 -60.41 -25.08
LAB*LABm 68.45 -60.41 -25.08
LAB*LABn 68.45 -60.41 -25.08
LAB*LABo 68.45 -60.41 -25.08
LAB*LABp 68.45 -60.41 -25.08
LAB*LABq 68.45 -60.41 -25.08
LAB*LABr 68.45 -60.41 -25.08
LAB*LABs 68.45 -60.41 -25.08
LAB*LABt 68.45 -60.41 -25.08
LAB*LABu 68.45 -60.41 -25.08
LAB*LABv 68.45 -60.41 -25.08
LAB*LABw 68.45 -60.41 -25.08
LAB*LABx 68.45 -60.41 -25.08
LAB*LABy 68.45 -60.41 -25.08
LAB*LABz 68.45 -60.41 -25.08

relative Inform. Technology (IT)

olvi3* 0.0 0.5 0.5 (0.0)
olvi4* 0.25 0.0 0.0 (0.0)
olvi5* 0.75 1.0 1.0 (1.0)
olvi6* 0.25 0.0 0.0 (0.0)
olvi7* 0.75 1.0 1.0 (1.0)
olvi8* 0.25 0.0 0.0 (0.0)
LAB*LAB 59.47 -80.55 -33.44
LAB*LABa 59.47 -80.55 -33.44
LAB*LABb 59.47 -80.55 -33.44
LAB*LABc 59.47 -80.55 -33.44
LAB*LABd 59.47 -80.55 -33.44
LAB*LABe 59.47 -80.55 -33.44
LAB*LABf 59.47 -80.55 -33.44
LAB*LABg 59.47 -80.55 -33.44
LAB*LABh 59.47 -80.55 -33.44
LAB*LABi 59.47 -80.55 -33.44
LAB*LABj 59.47 -80.55 -33.44
LAB*LABk 59.47 -80.55 -33.44
LAB*LABl 59.47 -80.55 -33.44
LAB*LABm 59.47 -80.55 -33.44
LAB*LABn 59.47 -80.55 -33.44
LAB*LABo 59.47 -80.55 -33.44
LAB*LABp 59.47 -80.55 -33.44
LAB*LABq 59.47 -80.55 -33.44
LAB*LABr 59.47 -80.55 -33.44
LAB*LABs 59.47 -80.55 -33.44
LAB*LABt 59.47 -80.55 -33.44
LAB*LABu 59.47 -80.55 -33.44
LAB*LABv 59.47 -80.55 -33.44
LAB*LABw 59.47 -80.55 -33.44
LAB*LABx 59

Eingabe: Farbmetrisches Reflexions-System NCS11

für Buntton $h^* = lab^*h = 273/360 = 0.757$

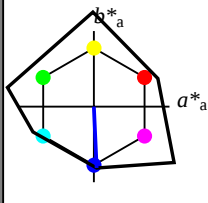
lab^*tch und lab^*nch

D65: Buntton B

LCH*Ma: 49 81 273

rgb*Ma: 0.0 0.0 1.0

Dreiecks-Helligkeit t^*



%Umfang

$u^*_{rel} = 149$

relative Inform. Technology (IT)
olvi3* 1.0 1.0 1.0 (1.0)
cmyn3* 0.0 0.0 0.0 (0.0)
olvi4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 95.41 0.0 -0.01
LAB*Lab 95.41 0.0 0.0
LAB*TCRa 99.99 0.01 -

relative CIELAB lab*
lab*lab 1.0 0.0 0.0
lab*tch 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*tce 1.0 0.0 0.0
lab*nce 0.0 0.0 0.0

relative Inform. Technology (IT)
olvi3* 0.75 0.75 0.75 (1.0)
cmyn3* 0.25 0.25 0.25 (0.0)
olvi4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 74.31 0.02 0.0
LAB*Lab 74.31 0.02 0.0
LAB*TCRa 75.0 0.01 -

relative CIELAB lab*
lab*lab 0.863 0.011 -0.249
lab*tch 0.875 0.25 0.757
lab*nch 0.0 0.25 0.757
relative Natural Colour (NC)
lab*trj 0.863 0.003 -0.249
lab*tce 0.875 0.25 0.752
lab*nce 0.0 0.25 0.752

relative Inform. Technology (IT)
olvi3* 0.5 0.5 0.5 (0.0)
cmyn3* 0.5 0.5 0.5 (0.0)
olvi4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 53.21 0.04 0.0
LAB*Lab 53.21 0.04 0.0
LAB*TCRa 50.0 0.01 -

relative CIELAB lab*
lab*lab 0.625 0.25 0.757
lab*tch 0.625 0.25 0.757
lab*nch 0.25 0.25 0.757
relative Natural Colour (NC)
lab*trj 0.613 0.003 -0.249
lab*tce 0.625 0.25 0.752
lab*nce 0.25 0.25 0.752

relative Inform. Technology (IT)
olvi3* 0.25 0.25 0.25 (0.0)
cmyn3* 0.75 0.75 0.75 (1.0)
olvi4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 32.11 0.08 0.0
LAB*Lab 32.11 0.08 0.0
LAB*TCRa 32.11 0.01 -

relative CIELAB lab*
lab*lab 0.375 0.25 0.757
lab*tch 0.375 0.25 0.757
lab*nch 0.25 0.25 0.757
relative Natural Colour (NC)
lab*trj 0.363 0.003 -0.249
lab*tce 0.375 0.25 0.752
lab*nce 0.25 0.25 0.752

relative Inform. Technology (IT)
olvi3* 0.0 0.0 0.0 (0.0)
cmyn3* 0.75 0.75 0.75 (1.0)
olvi4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 11.01 0.07 0.01
LAB*Lab 11.01 0.07 0.01
LAB*TCRa 0.01 0.01 -

relative CIELAB lab*
lab*lab 0.113 0.011 -0.249
lab*tch 0.125 0.25 0.757
lab*nch 0.0 0.25 0.757
relative Natural Colour (NC)
lab*trj 0.113 0.003 -0.249
lab*tce 0.125 0.25 0.752
lab*nce 0.0 0.25 0.752

relative Inform. Technology (IT)
olvi3* 0.0 0.0 0.0 (0.0)
cmyn3* 1.0 1.0 1.0 (1.0)
olvi4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 0.01 0.01 0.0
LAB*Lab 0.01 0.01 0.0
LAB*TCRa 0.01 0.01 -

relative CIELAB lab*
lab*lab 0.011 0.011 -0.249
lab*tch 0.0125 0.25 0.757
lab*nch 0.0 0.25 0.757
relative Natural Colour (NC)
lab*trj 0.011 0.003 -0.249
lab*tce 0.0125 0.25 0.752
lab*nce 0.0 0.25 0.752

relative Inform. Technology (IT)
olvi3* 0.0 0.0 0.0 (0.0)
cmyn3* 1.0 1.0 1.0 (1.0)
olvi4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 0.01 0.01 0.0
LAB*Lab 0.01 0.01 0.0
LAB*TCRa 0.01 0.01 -

relative CIELAB lab*
lab*lab 0.011 0.011 -0.249
lab*tch 0.0125 0.25 0.757
lab*nch 0.0 0.25 0.757
relative Natural Colour (NC)
lab*trj 0.011 0.003 -0.249
lab*tce 0.0125 0.25 0.752
lab*nce 0.0 0.25 0.752

relative Inform. Technology (IT)
olvi3* 0.0 0.0 0.0 (0.0)
cmyn3* 1.0 1.0 1.0 (1.0)
olvi4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 0.01 0.01 0.0
LAB*Lab 0.01 0.01 0.0
LAB*TCRa 0.01 0.01 -

relative CIELAB lab*
lab*lab 0.011 0.011 -0.249
lab*tch 0.0125 0.25 0.757
lab*nch 0.0 0.25 0.757
relative Natural Colour (NC)
lab*trj 0.011 0.003 -0.249
lab*tce 0.0125 0.25 0.752
lab*nce 0.0 0.25 0.752

relative Inform. Technology (IT)
olvi3* 0.0 0.0 0.0 (0.0)
cmyn3* 1.0 1.0 1.0 (1.0)
olvi4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 0.01 0.01 0.0
LAB*Lab 0.01 0.01 0.0
LAB*TCRa 0.01 0.01 -

relative CIELAB lab*
lab*lab 0.011 0.011 -0.249
lab*tch 0.0125 0.25 0.757
lab*nch 0.0 0.25 0.757
relative Natural Colour (NC)
lab*trj 0.011 0.003 -0.249
lab*tce 0.0125 0.25 0.752
lab*nce 0.0 0.25 0.752

NCS11; adaptierte CIELAB-Daten

	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
RMa	47.15	84.64	37.25	92.48	24
JMa	91.37	-1.27	125.03	125.03	91
GMa	63.07	-114.28	25.35	117.06	167
G50B _{Ma}	59.47	-80.6	-33.45	87.28	203
B _{Ma}	49.01	3.65	-81.19	81.28	273
B50R _{Ma}	44.06	106.09	-73.93	129.32	325
N _{Ma}	10.99	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
RCIE	39.92	58.69	27.98	65.01	25
JCIE	81.26	-2.9	71.56	71.62	92
GCIE	52.23	-42.45	13.59	44.59	162
BCIE	30.57	1.35	-46.48	46.51	272

%Regularität

$g^*_{H,rel} = 46$

$g^*_{C,rel} = 65$

$n^* = 0.00$

$n^* = 0.25$

$n^* = 0.50$

$n^* = 0.75$

$n^* = 1.00$

$n^* = 1.25$

$n^* = 1.50$

$n^* = 1.75$

$n^* = 2.00$

$n^* = 2.25$

$n^* = 2.50$

$n^* = 2.75$

$n^* = 3.00$

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[illegible]

für 10 Buntöne: *Startup (S) data depend*