

Eingabe: Farbmetrisches Reflexions-System NCS11

für Buntton $h^* = lab^*h = 24/360 = 0.066$

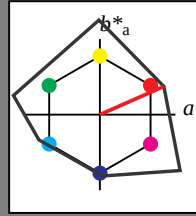
lab^*ch und lab^*nch

D65: Buntton R

LCH*Ma: 47 92 24

rgb*Ma: 1.0 0.0 0.0

Dreiecks-Helligkeit t^*



$u^*_{rel} = 149$

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*LABa 95.41 0.0 0.0
LAB*TCa 99.99 0.01 -

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 -
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 -

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*LABa 74.31 0.02 0.0
LAB*TCa 75.00 0.01 -

relative CIELAB lab*
lab*lab 0.75 0.75 0.75 (1.0)
lab*ch 0.75 0.75 0.75 (1.0)
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.75 0.75 0.75 (1.0)
lab*trc 0.75 0.75 0.75 (1.0)
lab*ncc 0.0 0.0 0.0

relative Inform. Technology (IT)
olvi3* 0.5 0.5 0.5 (0.0)
cmyn3* 0.5 0.5 0.5 (0.0)
olvi4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 53.21 0.04 0.0
LAB*LABa 53.21 0.04 0.0
LAB*TCa 50.00 0.01 -

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

relative Inform. Technology (IT)
olvi3* 0.25 0.25 0.25 (0.0)
cmyn3* 0.75 0.75 0.75 (1.0)
olvi4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 32.11 0.07 0.01
LAB*LABa 32.11 0.07 0.01
LAB*TCa 25.00 0.01 -

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

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*LABa 11.01 0.07 0.01
LAB*TCa 0.01 0.01 -

relative CIELAB lab*
lab*lab 0.0 0.0 0.0 (0.0)
lab*ch 0.0 0.0 0.0
lab*nch 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 -

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 0.07 0.01
LAB*LABa 32.11 0.07 0.01
LAB*TCa 25.00 0.01 -

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

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*LABa 11.01 0.07 0.01
LAB*TCa 0.01 0.01 -

relative CIELAB lab*
lab*lab 0.0 0.0 0.0 (0.0)
lab*ch 0.0 0.0 0.0
lab*nch 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 -

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*LABa 11.01 0.07 0.01
LAB*TCa 0.01 0.01 -

relative CIELAB lab*
lab*lab 0.0 0.0 0.0 (0.0)
lab*ch 0.0 0.0 0.0
lab*nch 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 -

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*LABa 11.01 0.07 0.01
LAB*TCa 0.01 0.01 -

relative CIELAB lab*
lab*lab 0.0 0.0 0.0 (0.0)
lab*ch 0.0 0.0 0.0
lab*nch 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 -

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*LABa 11.01 0.07 0.01
LAB*TCa 0.01 0.01 -

relative CIELAB lab*
lab*lab 0.0 0.0 0.0 (0.0)
lab*ch 0.0 0.0 0.0
lab*nch 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 -

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
G50BMa	59.47	-80.6	-33.45	87.28	203
BMa	49.01	3.65	-81.19	81.28	273
B50RMa	44.06	106.09	-73.93	129.32	325
NMa	10.99	0.0	0.0	0.0	0
WMa	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* 1.0 0.5 0.5 (1.0)
cmyn3* 0.0 0.5 0.5 (0.0)
olvi4* 1.0 0.5 0.5 (1.0)
cmyn4* 0.0 0.5 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 71.27 42.34 18.63
LAB*LABa 71.27 42.34 18.63
LAB*TCa 75.00 46.23 23.75

relative CIELAB lab*
lab*lab 0.714 0.58 0.201
lab*ch 0.75 0.5 0.066
lab*nch 0.0 0.5 0.066
relative Natural Colour (NC)
lab*trj 0.714 0.5 -0.011
lab*trc 0.75 0.5 0.996
lab*ncc 0.0 0.5 0.996

relative Inform. Technology (IT)
olvi3* 0.75 0.0 0.0 (1.0)
cmyn3* 0.25 0.75 0.75 (0.0)
olvi4* 1.0 0.5 0.5 (0.0)
cmyn4* 0.0 0.5 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 50.17 42.37 18.63
LAB*LABa 50.17 42.37 18.63
LAB*TCa 50.00 46.24 23.75

relative CIELAB lab*
lab*lab 0.464 0.58 0.201
lab*ch 0.5 0.5 0.066
lab*nch 0.0 0.5 0.066
relative Natural Colour (NC)
lab*trj 0.464 0.5 -0.011
lab*trc 0.5 0.5 0.996
lab*ncc 0.0 0.5 0.996

relative Inform. Technology (IT)
olvi3* 0.5 0.0 0.0 (1.0)
cmyn3* 0.25 1.0 0.0 (0.0)
olvi4* 1.0 0.25 0.25 (0.0)
cmyn4* 0.0 0.75 0.75 (0.0)
standard and adapted CIELAB
LAB*LAB 38.11 63.53 27.95
LAB*LABa 38.11 63.53 27.95
LAB*TCa 37.51 69.35 23.75

relative CIELAB lab*
lab*lab 0.321 0.686 0.302
lab*ch 0.375 0.75 0.066
lab*nch 0.0 0.75 0.066
relative Natural Colour (NC)
lab*trj 0.321 0.75 -0.017
lab*trc 0.375 0.75 0.996
lab*ncc 0.0 0.75 0.996

relative Inform. Technology (IT)
olvi3* 0.25 0.0 0.0 (1.0)
cmyn3* 0.5 1.0 0.0 (0.0)
olvi4* 1.0 0.25 0.25 (0.0)
cmyn4* 0.0 0.5 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 29.07 42.38 18.64
LAB*LABa 29.07 42.38 18.64
LAB*TCa 25.01 46.23 23.75

relative CIELAB lab*
lab*lab 0.214 0.58 0.201
lab*ch 0.25 0.5 0.066
lab*nch 0.0 0.5 0.066
relative Natural Colour (NC)
lab*trj 0.214 0.5 -0.011
lab*trc 0.25 0.5 0.996
lab*ncc 0.0 0.5 0.996

relative Inform. Technology (IT)
olvi3* 0.0 0.0 0.0 (0.0)
cmyn3* 0.75 1.0 0.0 (0.0)
olvi4* 1.0 0.0 0.0 (0.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 18.02 0.5 0.46
LAB*LABa 18.02 0.5 0.46
LAB*TCa 0.01 0.01 -

relative CIELAB lab*
lab*lab 0.0 0.0 0.0 (0.0)
lab*ch 0.0 0.0 0.0
lab*nch 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 -

1,00

0,75

0,50

0,25

0,00

0,00

Ausgabe: Farbmetrisches Reflexions-System MRS18

für Buntton $h^* = lab^*h = 30/360 = 0.083$

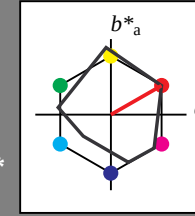
lab^*ch und lab^*nch

D65: Buntton R

LCH*Ma: 50 77 30

rgb*Ma: 1.0 0.0 0.0

Dreiecks-Helligkeit t^*



$u^*_{rel} = 91$

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 -0.97 4.75
LAB*LABa 95.41 0.0 0.0
LAB*TCa 99.99 0.01 -

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 -
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 -

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 76.06 -0.34 4.4
LAB*LABa 76.06 0.0 0.0
LAB*TCa 75.00 0.01 -

relative CIELAB lab*
lab*lab 0.75 0.75 0.75 (1.0)
lab*ch 0.75 0.75 0.75 (1.0)
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.75 0.75 0.75 (1.0)
lab*trc 0.75 0.75 0.75 (1.0)
lab*ncc 0.0 0.0 0.0

relative Inform. Technology (IT)
olvi3* 0.5 0.5 0.5 (0.0)
cmyn3* 0.5 0.5 0.5 (0.0)
olvi4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 59.21 63.51 27.94
LAB*LABa 59.21 63.51 27.94
LAB*TCa 62.5 69.35 23.75

relative CIELAB lab*
lab*lab 0.571 0.686 0.302
lab*ch 0.625 0.75 0.066
lab*nch 0.0 0.75 0.066
relative Natural Colour (NC)
lab*trj 0.571 0.75 -0.017
lab*trc 0.625 0.75 0.996
lab*ncc 0.0 0.75 0.996

relative Inform. Technology (IT)
olvi3* 0.25 0.0 0.0 (1.0)
cmyn3* 0.25 0.75 0.75 (0.0)
olvi4* 1.0 0.25 0.25 (0.0)
cmyn4* 0.0 0.75 0.75 (0.0)
standard and adapted CIELAB
LAB*LAB 47.15 84.63 37.26
LAB*LABa 47.15 84.63 37.26
LAB*TCa 50.00 92.46 23.75

relative CIELAB lab*
lab*lab 0.428 0.915 0.403
lab*ch 0.5 1.0 0.066
lab*nch 0.0 1.0 0.066
relative Natural Colour (NC)
lab*trj 0.428 1.0 -0.023
lab*trc 0.5 1.0 0.996
lab*ncc 0.0 1.0 0.996

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 0.0 0.0 (0.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 18.02 0.5 0.46
LAB*LABa 18.02 0.5 0.46
LAB*TCa 0.01 0.01 -

relative CIELAB lab*
lab*lab 0.0 0.0 0.0 (0.0)
lab*ch 0.0 0.0 0.0
lab*nch 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 -

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 0.07 0.01
LAB*LABa 32.11 0.07 0.01
LAB*TCa 25.00 0.01 -

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

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 0.0 0.0 (0.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 11.01 0.07 0.01
LAB*LABa 11.01 0.07 0.01
LAB*TCa 0.01 0.01 -

relative CIELAB lab*
lab*lab 0.0 0.0 0.0 (0.0)
lab*ch 0.0 0.0 0.0
lab*nch 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 -

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 0.0 0.0 (0.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 11.01 0.07 0.01
LAB*LABa 11.01 0.07 0.01
LAB*TCa 0.01 0.01 -

relative CIELAB lab*
lab*lab 0.0 0.0 0.0 (0.0)
lab*ch 0.0 0.0 0.0
lab*nch 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 -

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 0.0 0.0 (0.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 11.01 0.07 0.01
LAB*LABa 11.01 0.07 0.01
LAB*TCa 0.01 0.01 -

relative CIELAB lab*
lab*lab 0.0 0.0 0.0 (0.0)
lab*ch 0.0 0.0 0.0
lab*nch 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 -

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 0.0 0.0 (0.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 11.01 0.07 0.01
LAB*LABa 11.01 0.07 0.01
LAB*TCa 0.01 0.01 -

relative CIELAB lab*
lab*lab 0.0 0.0 0.0 (0.0)
lab*ch 0.0 0.0 0.0
lab*nch 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 -

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 0.0 0.0 (0.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 11.01 0.07 0.01
LAB*LABa 11.01 0.07 0.01
LAB*TCa 0.01 0.01 -

relative CIELAB lab*
lab*lab 0.0 0.0 0.0 (0.0)
lab*ch 0.0 0.0 0.0
lab*nch 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 -

1,00

0,75

0,50

0,25

0,00

0,00

MRS18; adaptierte CIELAB-Daten

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	
a	R _{Ma}	49.63	66.96	38.37	77.18
	J _{Ma}	90.7	-6.36	88.75	88.98
	G _{Ma}	52.11	-69.73	9.44	70.37
	G50B _{Ma}	45.03	-36.57	-28.47	46.36
	B _{Ma}	36.65	23.19	-63.05	67.18
	B50R _{Ma}	34.94	57.17	-44.26	72.31
	N _{Ma}	18.01	0.0	0.0	0.0
	W _{Ma}	95.41	0.0	0.0	0.0
	R _{CIE}	39.92	58.66	26.98	64.56
J _{CIE}	81.26	-2.17	67.76	67.79	
G _{CIE}	52.23	-42.26	11.75	43.87	
B _{CIE}	30.57	1.15	-46.84	46.87	

Eingabe: Farbmetrisches Reflexions-System NCS11

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

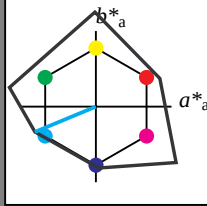
lab^*ch und lab^*nch

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

relative CIELAB lab*
lab*lab 1.0 0.0 0.0
lab*lab 0.0 1.0 0.0
lab*lab 0.0 0.0 1.0
lab*lab 0.0 0.0 0.0
lab*lab 0.0 0.0 0.0
lab*lab 0.0 0.0 0.0
lab*lab 0.0 0.0 0.0
lab*lab 0.0 0.0 0.0
lab*lab 0.0 0.0 0.0
lab*lab 0.0 0.0 0.0

relative Inform. Technology (IT)
olvi3* 0.75 0.75 0.75 (1.0)
olvi4* 0.25 0.25 0.25 (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 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

relative CIELAB lab*
lab*lab 0.883 -0.23 -0.095
lab*lab 0.883 0.25 0.563
lab*lab 0.883 0.25 0.563
lab*lab 0.883 0.25 0.563
lab*lab 0.883 0.25 0.563
lab*lab 0.883 0.25 0.563
lab*lab 0.883 0.25 0.563
lab*lab 0.883 0.25 0.563
lab*lab 0.883 0.25 0.563
lab*lab 0.883 0.25 0.563

relative Inform. Technology (IT)
olvi3* 0.5 1.0 1.0 (1.0)
olvi4* 0.5 0.0 0.0 (0.0)
olvi5* 0.5 1.0 1.0 (1.0)
olvi6* 0.5 0.0 0.0 (0.0)
olvi7* 0.5 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

relative CIELAB lab*
lab*lab 0.787 -0.461 -0.191
lab*lab 0.787 0.5 0.563
lab*lab 0.787 0.5 0.563
lab*lab 0.787 0.5 0.563
lab*lab 0.787 0.5 0.563
lab*lab 0.787 0.5 0.563
lab*lab 0.787 0.5 0.563
lab*lab 0.787 0.5 0.563
lab*lab 0.787 0.5 0.563
lab*lab 0.787 0.5 0.563

relative Inform. Technology (IT)
olvi3* 0.0 0.75 0.75 (1.0)
olvi4* 0.75 0.0 0.0 (0.0)
olvi5* 0.0 0.75 0.75 (1.0)
olvi6* 0.75 0.0 0.0 (0.0)
olvi7* 0.0 0.75 0.75 (1.0)
LAB*LAB 56.33 -40.26 -16.71
LAB*LABa 56.33 -40.26 -16.71
LAB*LABb 56.33 -40.26 -16.71
LAB*LABc 56.33 -40.26 -16.71

relative CIELAB lab*
lab*lab 0.625 0.75 0.592
lab*lab 0.625 0.75 0.592
lab*lab 0.625 0.75 0.592
lab*lab 0.625 0.75 0.592
lab*lab 0.625 0.75 0.592
lab*lab 0.625 0.75 0.592
lab*lab 0.625 0.75 0.592
lab*lab 0.625 0.75 0.592
lab*lab 0.625 0.75 0.592
lab*lab 0.625 0.75 0.592

relative Inform. Technology (IT)
olvi3* 0.5 0.5 0.5 (0.0)
olvi4* 0.5 0.5 0.5 (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 53.21 0.04 0.0
LAB*LABa 53.21 0.04 0.0
LAB*LABb 53.21 0.04 0.0
LAB*LABc 53.21 0.04 0.0

relative CIELAB lab*
lab*lab 0.644 -0.208 -0.136
lab*lab 0.644 0.25 0.592
lab*lab 0.644 0.25 0.592
lab*lab 0.644 0.25 0.592
lab*lab 0.644 0.25 0.592
lab*lab 0.644 0.25 0.592
lab*lab 0.644 0.25 0.592
lab*lab 0.644 0.25 0.592
lab*lab 0.644 0.25 0.592
lab*lab 0.644 0.25 0.592

relative Inform. Technology (IT)
olvi3* 0.0 0.75 0.75 (1.0)
olvi4* 0.75 0.0 0.0 (0.0)
olvi5* 0.0 0.75 0.75 (1.0)
olvi6* 0.75 0.0 0.0 (0.0)
olvi7* 0.0 0.75 0.75 (1.0)
LAB*LAB 56.33 -40.26 -16.71
LAB*LABa 56.33 -40.26 -16.71
LAB*LABb 56.33 -40.26 -16.71
LAB*LABc 56.33 -40.26 -16.71

relative CIELAB lab*
lab*lab 0.537 -0.418 -0.272
lab*lab 0.537 0.5 0.563
lab*lab 0.537 0.5 0.563
lab*lab 0.537 0.5 0.563
lab*lab 0.537 0.5 0.563
lab*lab 0.537 0.5 0.563
lab*lab 0.537 0.5 0.563
lab*lab 0.537 0.5 0.563
lab*lab 0.537 0.5 0.563
lab*lab 0.537 0.5 0.563

relative Inform. Technology (IT)
olvi3* 0.0 0.75 0.75 (1.0)
olvi4* 0.75 0.0 0.0 (0.0)
olvi5* 0.0 0.75 0.75 (1.0)
olvi6* 0.75 0.0 0.0 (0.0)
olvi7* 0.0 0.75 0.75 (1.0)
LAB*LAB 56.33 -40.26 -16.71
LAB*LABa 56.33 -40.26 -16.71
LAB*LABb 56.33 -40.26 -16.71
LAB*LABc 56.33 -40.26 -16.71

relative CIELAB lab*
lab*lab 0.574 -0.382 -0.382
lab*lab 0.574 0.5 0.563
lab*lab 0.574 0.5 0.563
lab*lab 0.574 0.5 0.563
lab*lab 0.574 0.5 0.563
lab*lab 0.574 0.5 0.563
lab*lab 0.574 0.5 0.563
lab*lab 0.574 0.5 0.563
lab*lab 0.574 0.5 0.563
lab*lab 0.574 0.5 0.563

relative Inform. Technology (IT)
olvi3* 0.25 0.25 0.25 (1.0)
olvi4* 0.75 0.75 0.75 (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 32.11 -20.13 -8.35
LAB*LABa 32.11 -20.13 -8.35
LAB*LABb 32.11 -20.13 -8.35
LAB*LABc 32.11 -20.13 -8.35

relative CIELAB lab*
lab*lab 0.394 -0.23 -0.095
lab*lab 0.394 0.25 0.563
lab*lab 0.394 0.25 0.563
lab*lab 0.394 0.25 0.563
lab*lab 0.394 0.25 0.563
lab*lab 0.394 0.25 0.563
lab*lab 0.394 0.25 0.563
lab*lab 0.394 0.25 0.563
lab*lab 0.394 0.25 0.563
lab*lab 0.394 0.25 0.563

relative Inform. Technology (IT)
olvi3* 0.0 0.5 0.5 (1.0)
olvi4* 0.5 0.0 0.0 (0.0)
olvi5* 0.0 0.5 0.5 (1.0)
olvi6* 0.5 0.0 0.0 (0.0)
olvi7* 0.0 0.5 0.5 (1.0)
LAB*LAB 32.11 -20.13 -8.35
LAB*LABa 32.11 -20.13 -8.35
LAB*LABb 32.11 -20.13 -8.35
LAB*LABc 32.11 -20.13 -8.35

relative CIELAB lab*
lab*lab 0.287 -0.461 -0.191
lab*lab 0.287 0.25 0.563
lab*lab 0.287 0.25 0.563
lab*lab 0.287 0.25 0.563
lab*lab 0.287 0.25 0.563
lab*lab 0.287 0.25 0.563
lab*lab 0.287 0.25 0.563
lab*lab 0.287 0.25 0.563
lab*lab 0.287 0.25 0.563
lab*lab 0.287 0.25 0.563

relative Inform. Technology (IT)
olvi3* 0.25 0.25 0.25 (1.0)
olvi4* 0.75 0.75 0.75 (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 32.11 -20.13 -8.35
LAB*LABa 32.11 -20.13 -8.35
LAB*LABb 32.11 -20.13 -8.35
LAB*LABc 32.11 -20.13 -8.35

relative CIELAB lab*
lab*lab 0.337 -0.196 -0.153
lab*lab 0.337 0.25 0.605
lab*lab 0.337 0.25 0.605
lab*lab 0.337 0.25 0.605
lab*lab 0.337 0.25 0.605
lab*lab 0.337 0.25 0.605
lab*lab 0.337 0.25 0.605
lab*lab 0.337 0.25 0.605
lab*lab 0.337 0.25 0.605
lab*lab 0.337 0.25 0.605

relative Inform. Technology (IT)
olvi3* 0.0 0.0 0.0 (1.0)
olvi4* 1.0 1.0 1.0 (0.0)
olvi5* 0.0 0.0 0.0 (0.0)
olvi6* 1.0 1.0 1.0 (0.0)
olvi7* 0.0 0.0 0.0 (0.0)
LAB*LAB 11.01 0.0 0.0
LAB*LABa 11.01 0.0 0.0
LAB*LABb 11.01 0.0 0.0
LAB*LABc 11.01 0.0 0.0

relative CIELAB lab*
lab*lab 0.144 -0.23 -0.095
lab*lab 0.144 0.25 0.563
lab*lab 0.144 0.25 0.563
lab*lab 0.144 0.25 0.563
lab*lab 0.144 0.25 0.563
lab*lab 0.144 0.25 0.563
lab*lab 0.144 0.25 0.563
lab*lab 0.144 0.25 0.563
lab*lab 0.144 0.25 0.563
lab*lab 0.144 0.25 0.563

relative Inform. Technology (IT)
olvi3* 0.0 0.5 0.5 (1.0)
olvi4* 0.5 0.0 0.0 (0.0)
olvi5* 0.0 0.5 0.5 (1.0)
olvi6* 0.5 0.0 0.0 (0.0)
olvi7* 0.0 0.5 0.5 (1.0)
LAB*LAB 32.11 -20.13 -8.35
LAB*LABa 32.11 -20.13 -8.35
LAB*LABb 32.11 -20.13 -8.35
LAB*LABc 32.11 -20.13 -8.35

relative CIELAB lab*
lab*lab 0.287 -0.461 -0.191
lab*lab 0.287 0.25 0.563
lab*lab 0.287 0.25 0.563
lab*lab 0.287 0.25 0.563
lab*lab 0.287 0.25 0.563
lab*lab 0.287 0.25 0.563
lab*lab 0.287 0.25 0.563
lab*lab 0.287 0.25 0.563
lab*lab 0.287 0.25 0.563
lab*lab 0.287 0.25 0.563

relative Inform. Technology (IT)
olvi3* 0.25 0.25 0.25 (1.0)
olvi4* 0.75 0.75 0.75 (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 32.11 -20.13 -8.35
LAB*LABa 32.11 -20.13 -8.35
LAB*LABb 32.11 -20.13 -8.35
LAB*LABc 32.11 -20.13 -8.35

relative CIELAB lab*
lab*lab 0.337 -0.196 -0.153
lab*lab 0.337 0.25 0.605
lab*lab 0.337 0.25 0.605
lab*lab 0.337 0.25 0.605
lab*lab 0.337 0.25 0.605
lab*lab 0.337 0.25 0.605
lab*lab 0.337 0.25 0.605
lab*lab 0.337 0.25 0.605
lab*lab 0.337 0.25 0.605
lab*lab 0.337 0.25 0.605

relative Inform. Technology (IT)
olvi3* 0.0 0.0 0.0 (1.0)
olvi4* 1.0 1.0 1.0 (0.0)
olvi5* 0.0 0.0 0.0 (0.0)
olvi6* 1.0 1.0 1.0 (0.0)
olvi7* 0.0 0.0 0.0 (0.0)
LAB*LAB 11.01 0.0 0.0
LAB*LABa 11.01 0.0 0.0
LAB*LABb 11.01 0.0 0.0
LAB*LABc 11.01 0.0 0.0

relative CIELAB lab*
lab*lab 0.144 -0.23 -0.095
lab*lab 0.144 0.25 0.563
lab*lab 0.144 0.25 0.563
lab*lab 0.144 0.25 0.563
lab*lab 0.144 0.25 0.563
lab*lab 0.144 0.25 0.563
lab*lab 0.144 0.25 0.563
lab*lab 0.144 0.25 0.563
lab*lab 0.144 0.25 0.563
lab*lab 0.144 0.25 0.563

relative Inform. Technology (IT)
olvi3* 0.0 0.5 0.5 (1.0)
olvi4* 0.5 0.0 0.0 (0.0)
olvi5* 0.0 0.5 0.5 (1.0)
olvi6* 0.5 0.0 0.0 (0.0)
olvi7* 0.0 0.5 0.5 (1.0)
LAB*LAB 32.11 -20.13 -8.35
LAB*LABa 32.11 -20.13 -8.35
LAB*LABb 32.11 -20.13 -8.35
LAB*LABc 32.11 -20.13 -8.35

relative CIELAB lab*
lab*lab 0.287 -0.461 -0.191
lab*lab 0.287 0.25 0.563
lab*lab 0.287 0.25 0.563
lab*lab 0.287 0.25 0.563
lab*lab 0.287 0.25 0.563
lab*lab 0.287 0.25 0.563
lab*lab 0.287 0.25 0.563
lab*lab 0.287 0.25 0.563
lab*lab 0.287 0.25 0.563
lab*lab 0.287 0.25 0.563

relative Inform. Technology (IT)
olvi3* 0.25 0.25 0.25 (1.0)
olvi4* 0.75 0.75 0.75 (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 32.11 -20.13 -8.35
LAB*LABa 32.11 -20.13 -8.35
LAB*LABb 32.11 -20.13 -8.35
LAB*LABc 32.11 -20.13 -8.35

relative CIELAB lab*
lab*lab 0.337 -0.196 -0.153
lab*lab 0.337 0.25 0.605
lab*lab 0.337 0.25 0.605
lab*lab 0.337 0.25 0.605
lab*lab 0.337 0.25 0.605
lab*lab 0.337 0.25 0.605
lab*lab 0.337 0.25 0.605
lab*lab 0.337 0.25 0.605
lab*lab 0.337 0.25 0.605
lab*lab 0.337 0.25 0.605

UG580-7, 5 stufige Reihen für konstanten CIELAB Buntton 203/360 = 0.563 (links)

5 stufige Reihen für konstanten CIELAB Buntton 218/360 = 0.605 (rechts)

BAM-Prüfvorlage UG58; Farbmetrik-Systeme NCS11a & MRS18put: cmy0* setcmykcolor

D65: 2 Koordinaten-Daten von 5stufigen Farbreihen für 10 Bunttonen: no change compared to input

Eingabe: Farbmetrisches Reflexions-System NCS11

für Buntton $h^* = lab^*h = 325/360 = 0.903$

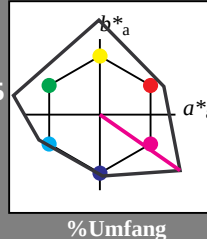
lab^*ch und lab^*nch

D65: Buntton B50R

LCH*Ma: 44 129 325

rgb*Ma: 1.0 0.0 1.0

Dreiecks-Helligkeit t^*



$u^*_{rel} = 149$

relative Inform. Technology (IT)

olvi3*	1.0	1.0	1.0	(1.0)
olvi3*	0.0	0.0	0.0	(0.0)
olvi4*	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)
olvi5*	0.0	0.0	0.0	(0.0)
olvi6*	1.0	1.0	1.0	(1.0)
olvi6*	0.0	0.0	0.0	(0.0)
olvi7*	1.0	1.0	1.0	(1.0)
olvi7*	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*Lab	95.41	0.0	0.0
LAB*Lab	95.41	0.0	0.0
LAB*Lab	95.41	0.0	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
G50BMa	59.47	-80.6	-33.45	87.28	203
BMa	49.01	3.65	-81.19	81.28	273
B50RMa	44.06	106.09	-73.93	129.32	325
NMa	10.99	0.0	0.0	0.0	0
WMa	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*	0.75	0.75	0.75	(1.0)
olvi3*	0.25	0.25	0.25	(0.0)
olvi4*	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)
olvi5*	0.0	0.0	0.0	(0.0)
olvi6*	1.0	1.0	1.0	(1.0)
olvi6*	0.0	0.0	0.0	(0.0)
olvi7*	1.0	1.0	1.0	(1.0)
olvi7*	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*Lab	74.31	0.02	0.0
LAB*Lab	74.31	0.02	0.0
LAB*Lab	74.31	0.02	0.0

relative Inform. Technology (IT)

olvi3*	1.0	0.5	1.0	(1.0)
olvi3*	0.0	0.5	1.0	(0.0)
olvi4*	1.0	0.5	1.0	(1.0)
olvi4*	0.0	0.5	1.0	(0.0)
olvi5*	1.0	0.5	1.0	(1.0)
olvi5*	0.0	0.5	1.0	(0.0)
olvi6*	1.0	0.5	1.0	(1.0)
olvi6*	0.0	0.5	1.0	(0.0)
olvi7*	1.0	0.5	1.0	(1.0)
olvi7*	0.0	0.5	1.0	(0.0)

relative Inform. Technology (IT)

olvi3*	0.75	0.75	0.75	(1.0)
olvi3*	0.25	0.25	0.25	(0.0)
olvi4*	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)
olvi5*	0.0	0.0	0.0	(0.0)
olvi6*	1.0	1.0	1.0	(1.0)
olvi6*	0.0	0.0	0.0	(0.0)
olvi7*	1.0	1.0	1.0	(1.0)
olvi7*	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*Lab	53.21	0.04	0.0
LAB*Lab	53.21	0.04	0.0
LAB*Lab	53.21	0.04	0.0

relative Inform. Technology (IT)

olvi3*	1.0	0.5	1.0	(1.0)
olvi3*	0.0	0.5	1.0	(0.0)
olvi4*	1.0	0.5	1.0	(1.0)
olvi4*	0.0	0.5	1.0	(0.0)
olvi5*	1.0	0.5	1.0	(1.0)
olvi5*	0.0	0.5	1.0	(0.0)
olvi6*	1.0	0.5	1.0	(1.0)
olvi6*	0.0	0.5	1.0	(0.0)
olvi7*	1.0	0.5	1.0	(1.0)
olvi7*	0.0	0.5	1.0	(0.0)

relative Inform. Technology (IT)

olvi3*	0.75	0.75	0.75	(1.0)
olvi3*	0.25	0.25	0.25	(0.0)
olvi4*	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)
olvi5*	0.0	0.0	0.0	(0.0)
olvi6*	1.0	1.0	1.0	(1.0)
olvi6*	0.0	0.0	0.0	(0.0)
olvi7*	1.0	1.0	1.0	(1.0)
olvi7*	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*Lab	53.21	0.04	0.0
LAB*Lab	53.21	0.04	0.0
LAB*Lab	53.21	0.04	0.0

relative Inform. Technology (IT)

olvi3*	1.0	0.5	1.0	(1.0)
olvi3*	0.0	0.5	1.0	(0.0)
olvi4*	1.0	0.5	1.0	(1.0)
olvi4*	0.0	0.5	1.0	(0.0)
olvi5*	1.0	0.5	1.0	(1.0)
olvi5*	0.0	0.5	1.0	(0.0)
olvi6*	1.0	0.5	1.0	(1.0)
olvi6*	0.0	0.5	1.0	(0.0)
olvi7*	1.0	0.5	1.0	(1.0)
olvi7*	0.0	0.5	1.0	(0.0)

relative Inform. Technology (IT)

olvi3*	0.75	0.75	0.75	(1.0)
olvi3*	0.25	0.25	0.25	(0.0)
olvi4*	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)
olvi5*	0.0	0.0	0.0	(0.0)
olvi6*	1.0	1.0	1.0	(1.0)
olvi6*	0.0	0.0	0.0	(0.0)
olvi7*	1.0	1.0	1.0	(1.0)
olvi7*	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*Lab	53.21	0.04	0.0
LAB*Lab	53.21	0.04	0.0
LAB*Lab	53.21	0.04	0.0

relative Inform. Technology (IT)

olvi3*	1.0	0.5	1.0	(1.0)
olvi3*	0.0	0.5	1.0	(0.0)
olvi4*	1.0	0.5	1.0	(1.0)
olvi4*	0.0	0.5	1.0	(0.0)
olvi5*	1.0	0.5	1.0	(1.0)
olvi5*	0.0	0.5	1.0	(0.0)
olvi6*	1.0	0.5	1.0	(1.0)
olvi6*	0.0	0.5	1.0	(0.0)
olvi7*	1.0	0.5	1.0	(1.0)
olvi7*	0.0	0.5	1.0	(0.0)

relative Inform. Technology (IT)

olvi3*	0.75	0.75	0.75	(1.0)
olvi3*	0.25	0.25	0.25	(0.0)
olvi4*	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)
olvi5*	0.0	0.0	0.0	(0.0)
olvi6*	1.0	1.0	1.0	(1.0)
olvi6*	0.0	0.0	0.0	(0.0)
olvi7*	1.0	1.0	1.0	(1.0)
olvi7*	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*Lab	53.21	0.04	0.0
LAB*Lab	53.21	0.04	0.0
LAB*Lab	53.21	0.04	0.0

relative Inform. Technology (IT)

olvi3*	1.0	0.5	1.0	(1.0)
olvi3*	0.0	0.5	1.0	(0.0)
olvi4*	1.0	0.5	1.0	(1.0)
olvi4*	0.0	0.5	1.0	(0.0)
olvi5*	1.0	0.5	1.0	(1.0)
olvi5*	0.0	0.5	1.0	(0.0)
olvi6*	1.0	0.5	1.0	(1.0)
olvi6*	0.0	0.5	1.0	(0.0)
olvi7*	1.0	0.5	1.0	(1.0)
olvi7*	0.0	0.5	1.0	(0.0)

relative Inform. Technology (IT)

olvi3*	0.75	0.75	0.75	(1.0)
olvi3*	0.25	0.25	0.25	(0.0)
olvi4*	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)
olvi5*	0.0	0.0	0.0	(0.0)
olvi6*	1.0	1.0	1.0	(1.0)
olvi6*	0.0	0.0	0.0	(0.0)
olvi7*	1.0	1.0	1.0	(1.0)
olvi7*	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*Lab	53.21	0.04	0.0
LAB*Lab	53.21	0.04	0.0
LAB*Lab	53.21	0.04	0.0

relative Inform. Technology (IT)

olvi3*	1.0	0.5	1.0	(1.0)
olvi3*	0.0	0.5	1.0	(0.0)
olvi4*	1.0	0.5	1.0	(1.0)
olvi4*	0.0	0.5	1.0	(0.0)
olvi5*	1.0	0.5	1.0	(1.0)
olvi5*	0.0	0.5	1.0	(0.0)
olvi6*	1.0	0.5	1.0	(1.0)
olvi6*	0.0	0.5	1.0	(0.0)
olvi7*	1.0	0.5	1.0	(1.0)
olvi7*	0.0	0.5	1.0	(0.0)

relative Inform. Technology (IT)

olvi3*	0.75	0.75	0.75	(1.0)
olvi3*	0.25	0.25	0.25	(0.0)
olvi4*	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)
olvi5*	0.0	0.0	0.0	(0.0)
olvi6*	1.0	1.0	1.0	(1.0)
olvi6*	0.0	0.0	0.0	(0.0)
olvi7*	1.0	1.0	1.0	(1.0)
olvi7*	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*Lab	53.21	0.04	0.0
LAB*Lab	53.21	0.04	0.0
LAB*Lab	53.21	0.04	0.0

relative Inform. Technology (IT)

olvi3*	1.0	0.5	1.0	(1.0)
olvi3*	0.0	0.5	1.0	(0.0)
olvi4*	1.0	0.5	1.0	(1.0)
olvi4*	0.0	0.5	1.0	(0.0)
olvi5*	1.0	0.5	1.0	(1.0)
olvi5*	0.0	0.5	1.0	(0.0)
olvi6*	1.0	0.5	1.0	(1.0)
olvi6*	0.0	0.5	1.0	(0.0)
olvi7*	1.0	0.5	1.0	(1.0)
olvi7*	0.0	0.5	1.0	(0.0)

relative Inform. Technology (IT)

olvi3*	0.75	0.75	0.75	(1.0)
olvi3*	0.25	0.25	0.25	(0.0)
olvi4*	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)
olvi5*	0.0	0.0	0.0	(0.0)
olvi6*	1.0	1.0	1.0	(1.0)
olvi6*	0.0	0.0	0.0	(0.0)
olvi7*	1.0	1.0	1.0	(1.0)
olvi7*	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*Lab	53.21	0.04	0.0
LAB*Lab	53.21	0.04	0.0
LAB*Lab	53.21	0.04	0.0

relative Inform. Technology (IT)

olvi3*	1.0	0.5	1.0	(1.0)
olvi3*	0.0	0.5	1.0	(0.0)
olvi4*	1.0	0.5	1.0	(1.0)
olvi4*	0.0	0.5	1.0	(0.0)
olvi5*	1.0	0.5	1.0	(1.0)
olvi5*	0.0	0.5	1.0	(0.0)
olvi6*	1.0	0.5	1.0	(1.0)
olvi6*	0.0	0.5	1.0	(0.0)
olvi7*	1.0	0.5	1.0	(1.0)
olvi7*	0.0	0.5	1.0	(0.0)

relative Inform. Technology (IT)

olvi3*	0.75	0.75	0.75	(1.0)
olvi3*	0.25	0.25	0.25	(0.0)
olvi4*	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)
olvi5*	0.0	0.0	0.0	(0.0)</

Eingabe: Farbmetrisches Reflexions-System NCS11

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

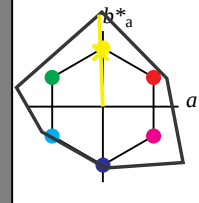
lab^*ch und lab^*nch

D65: Buntton J

LCH*Ma: 90 122 92

rgb*Ma: 0.97 1.0 0.0

Dreiecks-Helligkeit t^*



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* 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*LABa 95.41 0.0 0.0
LAB*TC_{Ma} 99.99 0.01 0.0

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

relative Inform. Technology (IT)
olvi3* 0.992 1.0 0.75 (1.0)
cmyn3* 0.008 0.0 0.25 (0.0)
olvi4* 0.992 1.0 0.75 (1.0)
cmyn4* 0.008 0.0 0.25 (0.0)
standard and adapted CIELAB
LAB*LAB 94.16 -1.21 30.44
LAB*LABa 94.16 -1.22 30.48
LAB*TC_{Ma} 97.5 30.47 92.31

relative CIELAB lab*
lab*lab 0.985 -0.009 0.25
lab*ch 0.875 0.25 0.256
lab*nch 0.0 0.25 0.256
relative Natural Colour (NC)
lab*trj 0.985 0.0 0.25
lab*trc 0.875 0.25 0.256
lab*ncc 0.0 0.25 0.256

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*LABa 74.31 0.02 0.0
LAB*TC_{Ma} 75.0 0.01 0.0

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

relative Inform. Technology (IT)
olvi3* 0.74 0.75 0.25 (1.0)
cmyn3* 0.26 0.25 0.25 (0.0)
olvi4* 0.992 1.0 0.75 (1.0)
cmyn4* 0.008 0.0 0.25 (0.0)
standard and adapted CIELAB
LAB*LAB 73.07 -1.2 30.45
LAB*LABa 73.07 -1.23 30.45
LAB*TC_{Ma} 62.5 30.47 92.33

relative CIELAB lab*
lab*lab 0.74 0.25 0.256
lab*ch 0.75 0.0 0.256
lab*nch 0.0 0.25 0.256
relative Natural Colour (NC)
lab*trj 0.971 0.0 0.25
lab*trc 0.75 0.25 0.256
lab*ncc 0.0 0.25 0.256

relative Inform. Technology (IT)
olvi3* 0.73 0.75 0.25 (1.0)
cmyn3* 0.27 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 53.21 0.04 0.0
LAB*LABa 53.21 0.04 0.0
LAB*TC_{Ma} 50.0 0.01 0.0

relative CIELAB lab*
lab*lab 0.73 0.0 0.0
lab*ch 0.73 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.73 0.0 0.0
lab*trc 0.73 0.0 0.0
lab*ncc 0.0 0.0 0.0

relative Inform. Technology (IT)
olvi3* 0.73 0.75 0.25 (1.0)
cmyn3* 0.26 0.25 0.25 (0.0)
olvi4* 0.984 1.0 0.75 (1.0)
cmyn4* 0.016 0.0 0.25 (0.0)
standard and adapted CIELAB
LAB*LAB 71.83 -2.44 60.9
LAB*LABa 71.83 -2.47 60.89
LAB*TC_{Ma} 50.0 60.94 92.33

relative CIELAB lab*
lab*lab 0.73 0.25 0.256
lab*ch 0.75 0.0 0.256
lab*nch 0.0 0.25 0.256
relative Natural Colour (NC)
lab*trj 0.956 0.0 0.25
lab*trc 0.75 0.25 0.256
lab*ncc 0.0 0.25 0.256

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*LABa 53.21 0.04 0.0
LAB*TC_{Ma} 50.0 0.01 0.0

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

relative Inform. Technology (IT)
olvi3* 0.49 0.5 0.25 (1.0)
cmyn3* 0.508 0.5 0.25 (0.0)
olvi4* 0.992 1.0 0.75 (1.0)
cmyn4* 0.008 0.0 0.25 (0.0)
standard and adapted CIELAB
LAB*LAB 51.96 -1.18 30.46
LAB*LABa 51.96 -1.23 30.45
LAB*TC_{Ma} 37.5 30.47 92.33

relative CIELAB lab*
lab*lab 0.485 -0.029 0.25
lab*ch 0.375 0.25 0.256
lab*nch 0.0 0.25 0.256
relative Natural Colour (NC)
lab*trj 0.485 0.0 0.25
lab*trc 0.375 0.25 0.256
lab*ncc 0.0 0.25 0.256

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)
standard and adapted CIELAB
LAB*LAB 32.11 0.07 0.01
LAB*LABa 32.11 0.07 0.01
LAB*TC_{Ma} 25.0 0.01 0.0

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

relative Inform. Technology (IT)
olvi3* 0.48 0.5 0.25 (1.0)
cmyn3* 0.516 0.5 0.25 (0.0)
olvi4* 0.984 1.0 0.75 (1.0)
cmyn4* 0.016 0.0 0.25 (0.0)
standard and adapted CIELAB
LAB*LAB 50.72 -2.42 60.89
LAB*LABa 50.72 -2.47 60.88
LAB*TC_{Ma} 25.01 60.93 92.33

relative CIELAB lab*
lab*lab 0.471 -0.019 0.25
lab*ch 0.25 0.25 0.256
lab*nch 0.0 0.25 0.256
relative Natural Colour (NC)
lab*trj 0.471 0.0 0.25
lab*trc 0.25 0.25 0.256
lab*ncc 0.0 0.25 0.256

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)
standard and adapted CIELAB
LAB*LAB 11.01 0.07 0.01
LAB*LABa 11.01 0.07 0.01
LAB*TC_{Ma} 0.01 0.01 0.0

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

relative Inform. Technology (IT)
olvi3* 0.24 0.5 0.25 (1.0)
cmyn3* 0.758 0.75 1.0 (0.0)
olvi4* 0.982 1.0 0.75 (1.0)
cmyn4* 0.008 0.0 0.25 (0.0)
standard and adapted CIELAB
LAB*LAB 30.86 -1.7 30.45
LAB*LABa 30.86 -1.73 30.43
LAB*TC_{Ma} 12.5 30.46 92.33

relative CIELAB lab*
lab*lab 0.235 -0.009 0.25
lab*ch 0.125 0.25 0.256
lab*nch 0.0 0.25 0.256
relative Natural Colour (NC)
lab*trj 0.235 0.0 0.25
lab*trc 0.125 0.25 0.256
lab*ncc 0.0 0.25 0.256

relative Inform. Technology (IT)
olvi3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 1.0 (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 11.01 0.07 0.01
LAB*LABa 11.01 0.07 0.01
LAB*TC_{Ma} 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)
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)
olvi3* 0.23 0.5 0.25 (1.0)
cmyn3* 0.76 0.75 1.0 (0.0)
olvi4* 0.982 1.0 0.75 (1.0)
cmyn4* 0.008 0.0 0.25 (0.0)
standard and adapted CIELAB
LAB*LAB 30.86 -1.7 30.45
LAB*LABa 30.86 -1.73 30.43
LAB*TC_{Ma} 12.5 30.46 92.33

relative CIELAB lab*
lab*lab 0.23 0.25 0.256
lab*ch 0.125 0.25 0.256
lab*nch 0.0 0.25 0.256
relative Natural Colour (NC)
lab*trj 0.23 0.0 0.25
lab*trc 0.125 0.25 0.256
lab*ncc 0.0 0.25 0.256

relative Inform. Technology (IT)
olvi3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 1.0 (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 11.01 0.07 0.01
LAB*LABa 11.01 0.07 0.01
LAB*TC_{Ma} 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)
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)
olvi3* 0.23 0.5 0.25 (1.0)
cmyn3* 0.76 0.75 1.0 (0.0)
olvi4* 0.982 1.0 0.75 (1.0)
cmyn4* 0.008 0.0 0.25 (0.0)
standard and adapted CIELAB
LAB*LAB 30.86 -1.7 30.45
LAB*LABa 30.86 -1.73 30.43
LAB*TC_{Ma} 12.5 30.46 92.33

relative CIELAB lab*
lab*lab 0.23 0.25 0.256
lab*ch 0.125 0.25 0.256
lab*nch 0.0 0.25 0.256
relative Natural Colour (NC)
lab*trj 0.23 0.0 0.25
lab*trc 0.125 0.25 0.256
lab*ncc 0.0 0.25 0.256

relative Inform. Technology (IT)
olvi3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 1.0 (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 11.01 0.07 0.01
LAB*LABa 11.01 0.07 0.01
LAB*TC_{Ma} 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)
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)
olvi3* 0.23 0.5 0.25 (1.0)
cmyn3* 0.76 0.75 1.0 (0.0)
olvi4* 0.982 1.0 0.75 (1.0)
cmyn4* 0.008 0.0 0.25 (0.0)
standard and adapted CIELAB
LAB*LAB 30.86 -1.7 30.45
LAB*LABa 30.86 -1.73 30.43
LAB*TC_{Ma} 12.5 30.46 92.33

relative CIELAB lab*
lab*lab 0.23 0.25 0.256
lab*ch 0.125 0.25 0.256
lab*nch 0.0 0.25 0.256
relative Natural Colour (NC)
lab*trj 0.23 0.0 0.25
lab*trc 0.125 0.25 0.256
lab*ncc 0.0 0.25 0.256

relative Inform. Technology (IT)
olvi3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 1.0 (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 11.01 0.07 0.01
LAB*LABa 11.01 0.07 0.01
LAB*TC_{Ma} 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)
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)
olvi3* 0.23 0.5 0.25 (1.0)
cmyn3* 0.76 0.75 1.0 (0.0)
olvi4* 0.982 1.0 0.75 (1.0)
cmyn4* 0.008 0.0 0.25 (0.0)
standard and adapted CIELAB
LAB*LAB 30.86 -1.7 30.45
LAB*LABa 30.86 -1.73 30.43
LAB*TC_{Ma} 12.5 30.46 92.33

relative CIELAB lab*
lab*lab 0.23 0.25 0.256
lab*ch 0.125 0.25 0.256
lab*nch 0.0 0.25 0.256
relative Natural Colour (NC)
lab*trj 0.23 0.0 0.25
lab*trc 0.125 0.25 0.256
lab*ncc 0.0 0.25 0.256

Ausgabe: Farbmetrisches Reflexions-System MRS18

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

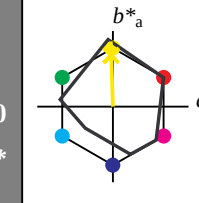
lab^*ch und lab^*nch

D65: Buntton J

LCH*Ma: 89 86 92

rgb*Ma: 1.0 0.95 0.0

Dreiecks-Helligkeit t^*



MRS18; adaptierte CIELAB-Daten

	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
RMa	49.63	66.96	38.37	77.18	30
JMa	90.7	-6.36	88.75	88.98	94
GMa	52.11	-69.73	9.44	70.37	172
G50B _{Ma}	45.03	-36.57	-28.47	46.36	218
B _{Ma}	36.65	23.19	-63.05	67.18	290
B50R _{Ma}	34.94	57.17	-44.26	72.31	322
N _{Ma}	18.01	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
RCIE	39.92	58.66	26.98	64.56	25
JCIE	81.26	-2.17	67.76	67.79	92
GCIE	52.23	-42.26	11.75	43.87	164
BCIE	30.57	1.15	-46.84	46.87	271

%Regularität

$g^*_{H,rel} = 41$

$g^*_{C,rel} = 52$

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 -0.97 4.75
LAB*LABa 95.41 0.0 0.0
LAB*TC_{Ma} 99.99 0.01 0.0

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

relative Inform. Technology (IT)
olvi3* 0.998 0.75 1.0 (1.0)
cmyn3* 0.0 0.012 0.25 (0.0)
olvi4* 1.0 0.988 0.75 1.0
cmyn4* 0.0 0.012 0.25 0.0
standard and adapted CIELAB
LAB*LAB 93.72 -1.64 26.21
LAB*LABa 93.72 -1.69 21.57
LAB*TC_{Ma} 87.5 21.58 91.86

relative CIELAB lab*
lab*lab 0.978 -0.007 0.25
lab*ch 0.875 0.25 0.255
lab*nch 0.0 0.25 0.255
relative Natural Colour (NC)
lab*trj 0.978 0.0 0.25
lab*trc 0.875 0.25 0.255
lab*ncc 0.0 0.25 0.255

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 76.06 -0.6 3.44
LAB*LABa 76.06 -0.6 0.0
LAB*TC_{Ma} 75.0 0.01 0.0

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

relative Inform. Technology (IT)
olvi3* 0.75 0.75 0.25 (1.0)
cmyn3* 0.25 0.25 0.25 (0.0)
olvi4* 1.0 0.988 0.75 0.75
cmyn4* 0.0 0.012 0.25 0.25
standard and adapted CIELAB
LAB*LAB 74.38 -1.26 24.91
LAB*LABa 74.38 -1.26 21.57
LAB*TC_{Ma} 62.5 21.58 91.84

relative CIELAB lab*
lab*lab 0.728 -0.007 0.25
lab*ch 0.875 0.25 0.255
lab*nch 0.0 0.25 0.255
relative Natural Colour (NC)
lab*trj 0.728 0.0 0.25
lab*trc 0.875 0.25 0.255
lab*ncc 0.0 0.25 0.255

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 56.71 0.23 2.14
LAB*LABa 56.71 0.23 0.0
LAB*TC_{Ma} 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.

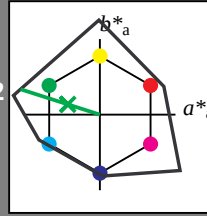
Eingabe: Farbmetrisches Reflexions-System NCS11

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

lab^*ch und lab^*nch

D65: Buntton G
LCH*Ma: 65 110 162
rgb*Ma: 0.08 1.0 0.0

Dreiecks-Helligkeit t^*



$u_{rel} = 149$

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*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 1.0 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*tr 1.0 0.0 0.0
lab*tc 1.0 0.0 0.0
lab*ncc 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*LABa 74.31 0.02 0.0
LAB*TCHa 75.00 0.01 0.0

relative CIELAB lab*
lab*lab 0.75 0.75 0.75 (1.0)
lab*ch 0.75 0.75 0.75 (1.0)
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*tr 0.75 0.75 0.75 (1.0)
lab*tc 0.75 0.75 0.75 (1.0)
lab*ncc 0.0 0.0 0.0

relative Inform. Technology (IT)
olvi3* 0.5 0.5 0.5 (0.0)
cmyn3* 0.5 0.5 0.5 (0.0)
olvi4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 53.21 0.04 0.0
LAB*LABa 53.21 0.04 0.0
LAB*TCHa 50.00 0.01 0.0

relative CIELAB lab*
lab*lab 0.5 0.5 0.5 (0.0)
lab*ch 0.5 0.5 0.5 (0.0)
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*tr 0.5 0.5 0.5 (0.0)
lab*tc 0.5 0.5 0.5 (0.0)
lab*ncc 0.0 0.0 0.0

relative Inform. Technology (IT)
olvi3* 0.25 0.25 0.25 (0.0)
cmyn3* 0.75 0.75 0.75 (1.0)
olvi4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 32.11 0.07 0.01
LAB*LABa 32.11 0.07 0.01
LAB*TCHa 25.00 0.01 0.0

relative CIELAB lab*
lab*lab 0.25 0.25 0.25 (0.0)
lab*ch 0.25 0.25 0.25 (0.0)
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*tr 0.25 0.25 0.25 (0.0)
lab*tc 0.25 0.25 0.25 (0.0)
lab*ncc 0.0 0.0 0.0

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*LABa 11.01 0.07 0.01
LAB*TCHa 0.01 0.01 0.0

relative CIELAB lab*
lab*lab 0.0 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*tr 0.0 0.0 0.0
lab*tc 0.0 0.0 0.0
lab*ncc 1.0 0.0 0.0

relative Inform. Technology (IT)
olvi3* 0.0 0.0 0.0 (0.0)
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 0.01 0.01 0.0
LAB*LABa 0.01 0.01 0.0
LAB*TCHa 0.01 0.01 0.0

relative CIELAB lab*
lab*lab 0.0 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*tr 0.0 0.0 0.0
lab*tc 0.0 0.0 0.0
lab*ncc 0.0 0.0 0.0

relative Inform. Technology (IT)
olvi3* 0.0 0.0 0.0 (0.0)
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 0.01 0.01 0.0
LAB*LABa 0.01 0.01 0.0
LAB*TCHa 0.01 0.01 0.0

relative CIELAB lab*
lab*lab 0.0 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*tr 0.0 0.0 0.0
lab*tc 0.0 0.0 0.0
lab*ncc 0.0 0.0 0.0

relative Inform. Technology (IT)
olvi3* 0.0 0.0 0.0 (0.0)
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 0.01 0.01 0.0
LAB*LABa 0.01 0.01 0.0
LAB*TCHa 0.01 0.01 0.0

relative CIELAB lab*
lab*lab 0.0 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*tr 0.0 0.0 0.0
lab*tc 0.0 0.0 0.0
lab*ncc 0.0 0.0 0.0

relative Inform. Technology (IT)
olvi3* 0.0 0.0 0.0 (0.0)
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 0.01 0.01 0.0
LAB*LABa 0.01 0.01 0.0
LAB*TCHa 0.01 0.01 0.0

relative CIELAB lab*
lab*lab 0.0 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*tr 0.0 0.0 0.0
lab*tc 0.0 0.0 0.0
lab*ncc 0.0 0.0 0.0

relative Inform. Technology (IT)
olvi3* 0.0 0.0 0.0 (0.0)
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 0.01 0.01 0.0
LAB*LABa 0.01 0.01 0.0
LAB*TCHa 0.01 0.01 0.0

relative CIELAB lab*
lab*lab 0.0 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*tr 0.0 0.0 0.0
lab*tc 0.0 0.0 0.0
lab*ncc 0.0 0.0 0.0

relative Inform. Technology (IT)
olvi3* 0.0 0.0 0.0 (0.0)
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 0.01 0.01 0.0
LAB*LABa 0.01 0.01 0.0
LAB*TCHa 0.01 0.01 0.0

relative CIELAB lab*
lab*lab 0.0 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*tr 0.0 0.0 0.0
lab*tc 0.0 0.0 0.0
lab*ncc 0.0 0.0 0.0

relative Inform. Technology (IT)
olvi3* 0.0 0.0 0.0 (0.0)
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 0.01 0.01 0.0
LAB*LABa 0.01 0.01 0.0
LAB*TCHa 0.01 0.01 0.0

relative CIELAB lab*
lab*lab 0.0 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*tr 0.0 0.0 0.0
lab*tc 0.0 0.0 0.0
lab*ncc 0.0 0.0 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
G50BMa	59.47	-80.6	-33.45	87.28	203
BMa	49.01	3.65	-81.19	81.28	273
B50RMa	44.06	106.09	-73.93	129.32	325
NMa	10.99	0.0	0.0	0.0	0
WMa	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* 0.541 1.0 0.5 (1.0)
cmyn3* 0.459 0.0 0.5 (0.0)
olvi4* 0.541 1.0 0.5 (1.0)
cmyn4* 0.459 0.0 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 80.4 -52.43 16.79
LAB*LABa 80.4 -52.43 16.79
LAB*TCHa 75.0 55.08 162.25

relative CIELAB lab*
lab*lab 0.822 -0.475 0.152
lab*ch 0.75 0.5 0.451
lab*nch 0.0 0.5 0.451
relative Natural Colour (NC)
lab*tr 0.822 -0.499 0.0
lab*tc 0.75 0.5 0.5
lab*ncc 0.0 0.5 0.998

relative Inform. Technology (IT)
olvi3* 0.291 0.5 0.25 (1.0)
cmyn3* 0.709 0.25 0.75 (0.0)
olvi4* 0.541 1.0 0.5 (1.0)
cmyn4* 0.459 0.0 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 59.31 -52.42 16.8
LAB*LABa 59.31 -52.42 16.8
LAB*TCHa 50.0 55.09 162.25

relative CIELAB lab*
lab*lab 0.732 -0.713 0.229
lab*ch 0.625 0.75 0.451
lab*nch 0.0 0.75 0.451
relative Natural Colour (NC)
lab*tr 0.732 -0.749 0.0
lab*tc 0.625 0.75 0.5
lab*ncc 0.0 0.75 0.998

relative Inform. Technology (IT)
olvi3* 0.083 1.0 0.0 (1.0)
cmyn3* 0.917 0.0 1.0 (0.0)
olvi4* 0.083 1.0 0.0 (1.0)
cmyn4* 0.917 0.0 1.0 (0.0)
standard and adapted CIELAB
LAB*LAB 65.41 -104.893.58
LAB*LABa 65.41 -104.893.58
LAB*TCHa 50.0 110.17 162.25

relative CIELAB lab*
lab*lab 0.645 -0.951 0.305
lab*ch 0.5 0.0 0.451
lab*nch 0.0 0.0 0.451
relative Natural Colour (NC)
lab*tr 0.645 -0.999 0.0
lab*tc 0.5 0.0 0.5
lab*ncc 0.0 0.0 0.0

relative Inform. Technology (IT)
olvi3* 0.083 1.0 0.0 (1.0)
cmyn3* 0.917 0.0 1.0 (0.0)
olvi4* 0.083 1.0 0.0 (1.0)
cmyn4* 0.917 0.0 1.0 (0.0)
standard and adapted CIELAB
LAB*LAB 65.41 -104.893.58
LAB*LABa 65.41 -104.893.58
LAB*TCHa 50.0 110.17 162.25

relative CIELAB lab*
lab*lab 0.645 -0.951 0.305
lab*ch 0.5 0.0 0.451
lab*nch 0.0 0.0 0.451
relative Natural Colour (NC)
lab*tr 0.645 -0.999 0.0
lab*tc 0.5 0.0 0.5
lab*ncc 0.0 0.0 0.0

relative Inform. Technology (IT)
olvi3* 0.083 1.0 0.0 (1.0)
cmyn3* 0.917 0.0 1.0 (0.0)
olvi4* 0.083 1.0 0.0 (1.0)
cmyn4* 0.917 0.0 1.0 (0.0)
standard and adapted CIELAB
LAB*LAB 65.41 -104.893.58
LAB*LABa 65.41 -104.893.58
LAB*TCHa 50.0 110.17 162.25

relative CIELAB lab*
lab*lab 0.645 -0.951 0.305
lab*ch 0.5 0.0 0.451
lab*nch 0.0 0.0 0.451
relative Natural Colour (NC)
lab*tr 0.645 -0.999 0.0
lab*tc 0.5 0.0 0.5
lab*ncc 0.0 0.0 0.0

1.00

0.75

$n^* = 0.00$

0.25

$n^* = 0.25$

$n^* = 0.50$

0.75

1.00

relative Buntheit c^*

0.25

0.50

0.75

1.00

relative Buntheit c^*

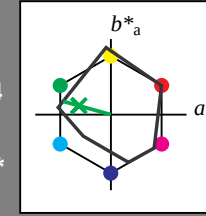
Ausgabe: Farbmetrisches Reflexions-System MRS18

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

lab^*ch und lab^*nch

D65: Buntton G
LCH*Ma: 56 66 164
rgb*Ma: 0.1 1.0 0.0

Dreiecks-Helligkeit t^*



$u_{rel} = 91$

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 -0.97 4.75
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 1.0 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*tr 1.0 0.0 0.0
lab*tc 1.0 0.0 0.0
lab*ncc 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 76.06 -0.6 3.44
LAB*LABa 76.06 -0.6 3.44
LAB*TCHa 75.0 0.01 0.0

relative CIELAB lab*
lab*lab 0.75 0.75 0.75 (1.0)
lab*ch 0.75 0.75 0.75 (1.0)
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*tr 0.75 0.75 0.75 (1.0)
lab*tc 0.75 0.75 0.75 (1.0)
lab*ncc 0.0 0.0 0.0

relative Inform. Technology (IT)
olvi3* 0.5 0.5 0.5 (0.0)
cmyn3* 0.5 0.5 0.5 (0.0)
olvi4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 56.71 0.23 2.14
LAB*LABa 56.71 0.23 2.14
LAB*TCHa 50.0 0.01 0.0

relative CIELAB lab*
lab*lab 0.5 0.5 0.5 (0.0)
lab*ch 0.5 0.5 0.5 (0.0)
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*tr 0.5 0.5 0.5 (0.0)
lab*tc 0.5 0.5 0.5 (0.0)
lab*ncc 0.0 0.0 0.0

relative Inform. Technology (IT)
olvi3* 0.25 0.25 0.25 (0.0)
cmyn3* 0.75 0.75 0.75 (1.0)
olvi4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 32.11 0.07 0.01
LAB*LABa 32.11 0.07 0.01
LAB*TCHa 25.00 0.01 0.0

relative CIELAB lab*
lab*lab 0.25 0.25 0.25 (0.0)
lab*ch 0.25 0.25 0.25 (0.0)
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*tr 0.25 0.25 0.25 (0.0)
lab*tc 0.25 0.25 0.25 (0.0)
lab*ncc 0.0 0.0 0.0

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*LABa 11.01 0.07 0.01
LAB*TCHa 0.01 0.01 0.0

relative CIELAB lab*
lab*lab 0.0 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*tr 0.0 0.0 0.0
lab*tc 0.0 0.0 0.0
lab*ncc 1.0 0.0 0.0

relative Inform. Technology (IT)
olvi3* 0.0 0.0 0.0 (0.0)
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 0.01 0.01 0.0
LAB*LABa 0.01 0.01 0.0
LAB*TCHa 0.01 0.01 0.0

relative CIELAB lab*
lab*lab 0.0 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*tr 0.0 0.0 0.0
lab*tc 0.0 0.0 0.0
lab*ncc 0.0 0.0 0.0

relative Inform. Technology (IT)
olvi3* 0.0 0.0 0.0 (0.0)
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 0.01 0.01 0.0
LAB*LABa 0.01 0.01 0.0
LAB*TCHa 0.01 0.01 0.0

relative CIELAB lab*
lab*lab 0.0 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*tr 0.0 0.0 0.0
lab*tc 0.0 0.0 0.0
lab*ncc 0.0 0.0 0.0

relative Inform. Technology (IT)
olvi3* 0.0 0.0 0.0 (0.0)
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 0.01 0.01 0.0
LAB*LABa 0.01 0.01 0.0
LAB*TCHa 0.01 0.01 0.0

relative CIELAB lab*
lab*lab 0.0 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*tr 0.0 0.0 0.0
lab*tc 0.0 0.0 0.0
lab*ncc 0.0 0.0 0.0

relative Inform. Technology (IT)
olvi3* 0.0 0.0 0.0 (0.0)
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 0.01 0.01 0.0
LAB*LABa 0.01 0.01 0.0
LAB*TCHa 0.01 0.01 0.0

relative CIELAB lab*
lab*lab 0.0 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*tr 0.0 0.0 0.0
lab*tc 0.0 0.0 0.0
lab*ncc 0.0 0.0 0.0

relative Inform. Technology (IT)
olvi3* 0.0 0.0 0.0 (0.0)
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 0.01 0.01 0.0
LAB*LABa 0.01 0.01 0.0
LAB*TCHa 0.01 0.01 0.0

Eingabe: Farbmetrisches Reflexions-System NCS11

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

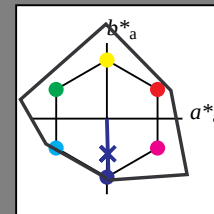
lab^*ch und lab^*nch

D65: Buntton B

LCH*Ma: 49 80 272

rgb*Ma: 0.0 0.02 1.0

Dreiecks-Helligkeit t^*



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
G50BMa	59.47	-80.6	-33.45	87.28	203
BMa	49.01	3.65	-81.19	81.28	273
B50RMa	44.06	106.09	-73.93	129.32	325
NMa	10.99	0.0	0.0	0.0	0
WMa	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*	1.0	1.0	1.0	(1.0)
olvi3*	0.0	0.0	0.0	(0.0)
olvi4*	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)
olvi5*	0.0	0.0	0.0	(0.0)

relative Natural Colour (NC)

lab*lab	1.0	0.0	0.0
lab*ch	0.0	1.0	0.0
lab*nch	0.0	0.0	1.0
lab*trj	0.0	0.0	0.0
lab*trc	0.0	0.0	0.0
lab*trn	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*LAB	95.41	0.0	0.0
LAB*LAB	95.41	0.0	0.0
LAB*LAB	95.41	0.0	0.0
LAB*LAB	95.41	0.0	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
lab*trj	0.0	0.0	0.0
lab*trc	0.0	0.0	0.0
lab*trn	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*LAB	74.31	0.02	0.0
LAB*LAB	74.31	0.02	0.0
LAB*LAB	74.31	0.02	0.0
LAB*LAB	74.31	0.02	0.0

relative CIELAB lab*

lab*lab	0.75	0.0	0.0
lab*ch	0.0	0.75	0.0
lab*nch	0.0	0.0	0.75
lab*trj	0.0	0.0	0.0
lab*trc	0.0	0.0	0.0
lab*trn	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*LAB	53.21	0.04	0.0
LAB*LAB	53.21	0.04	0.0
LAB*LAB	53.21	0.04	0.0
LAB*LAB	53.21	0.04	0.0

relative CIELAB lab*

lab*lab	0.5	0.0	0.0
lab*ch	0.0	0.5	0.0
lab*nch	0.0	0.0	0.5
lab*trj	0.0	0.0	0.0
lab*trc	0.0	0.0	0.0
lab*trn	0.0	0.0	0.0

standard and adapted CIELAB

LAB*LAB	32.11	0.01	0.0
LAB*LAB	32.11	0.01	0.0
LAB*LAB	32.11	0.01	0.0
LAB*LAB	32.11	0.01	0.0
LAB*LAB	32.11	0.01	0.0
LAB*LAB	32.11	0.01	0.0

relative CIELAB lab*

lab*lab	0.25	0.0	0.0
lab*ch	0.0	0.25	0.0
lab*nch	0.0	0.0	0.25
lab*trj	0.0	0.0	0.0
lab*trc	0.0	0.0	0.0
lab*trn	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*LAB	11.01	0.07	0.01
LAB*LAB	11.01	0.07	0.01
LAB*LAB	11.01	0.07	0.01
LAB*LAB	11.01	0.07	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
lab*trj	0.0	0.0	0.0
lab*trc	0.0	0.0	0.0
lab*trn	0.0	0.0	0.0

relative Inform. Technology (IT)

olvi3*	0.75	0.75	0.75	(1.0)
olvi3*	0.0	0.0	0.0	(0.0)
olvi4*	0.75	0.75	0.75	(1.0)
olvi4*	0.0	0.0	0.0	(0.0)
olvi5*	0.75	0.75	0.75	(1.0)
olvi5*	0.0	0.0	0.0	(0.0)

relative Natural Colour (NC)

lab*lab	0.75	0.0	0.0
lab*ch	0.0	0.75	0.0
lab*nch	0.0	0.0	0.75
lab*trj	0.0	0.0	0.0
lab*trc	0.0	0.0	0.0
lab*trn	0.0	0.0	0.0

standard and adapted CIELAB

LAB*LAB	83.85	0.6	-20.1
LAB*LAB	83.85	0.6	-20.1
LAB*LAB	83.85	0.6	-20.1
LAB*LAB	83.85	0.6	-20.1
LAB*LAB	83.85	0.6	-20.1
LAB*LAB	83.85	0.6	-20.1

relative CIELAB lab*

lab*lab	0.75	0.0	0.0
lab*ch	0.0	0.75	0.0
lab*nch	0.0	0.0	0.75
lab*trj	0.0	0.0	0.0
lab*trc	0.0	0.0	0.0
lab*trn	0.0	0.0	0.0

standard and adapted CIELAB

LAB*LAB	72.29	1.2	-40.21
LAB*LAB	72.29	1.2	-40.21
LAB*LAB	72.29	1.2	-40.21
LAB*LAB	72.29	1.2	-40.21
LAB*LAB	72.29	1.2	-40.21
LAB*LAB	72.29	1.2	-40.21

relative CIELAB lab*

lab*lab	0.75	0.0	0.0
lab*ch	0.0	0.75	0.0
lab*nch	0.0	0.0	0.75
lab*trj	0.0	0.0	0.0
lab*trc	0.0	0.0	0.0
lab*trn	0.0	0.0	0.0

standard and adapted CIELAB

LAB*LAB	60.73	1.79	-60.32
LAB*LAB	60.73	1.79	-60.32
LAB*LAB	60.73	1.79	-60.32
LAB*LAB	60.73	1.79	-60.32
LAB*LAB	60.73	1.79	-60.32
LAB*LAB	60.73	1.79	-60.32

relative CIELAB lab*

lab*lab	0.5	0.0	0.0
lab*ch	0.0	0.5	0.0
lab*nch	0.0	0.0	0.5
lab*trj	0.0	0.0	0.0
lab*trc	0.0	0.0	0.0
lab*trn	0.0	0.0	0.0

standard and adapted CIELAB

LAB*LAB	39.63	1.81	-60.31
LAB*LAB	39.63	1.81	-60.31
LAB*LAB	39.63	1.81	-60.31
LAB*LAB	39.63	1.81	-60.31
LAB*LAB	39.63	1.81	-60.31
LAB*LAB	39.63	1.81	-60.31

relative CIELAB lab*

lab*lab	0.339	0.022	-0.749
lab*ch	0.375	0.75	0.755
lab*nch	0.0	0.75	0.755
lab*trj	0.339	0.0	-0.749
lab*trc	0.375	0.75	0.755
lab*trn	0.0	0.75	0.755

standard and adapted CIELAB

LAB*LAB	30.09	1.18	-40.21
LAB*LAB	30.09	1.18	-40.21
LAB*LAB	30.09	1.18	-40.21
LAB*LAB	30.09	1.18	-40.21
LAB*LAB	30.09	1.18	-40.21
LAB*LAB	30.09	1.18	-40.21

relative CIELAB lab*

lab*lab	0.226	0.015	-0.499
lab*ch	0.25	0.5	0.755
lab*nch	0.0	0.5	0.755
lab*trj	0.226	0.0	-0.499
lab*trc	0.25	0.5	0.755
lab*trn	0.0	0.5	0.755

relative Inform. Technology (IT)

olvi3*	0.0	0.016	1.0	(1.0)
olvi3*	0.0	0.016	1.0	(1.0)
olvi4*	0.0	0.016	1.0	(1.0)
olvi4*	0.0	0.016	1.0	(1.0)
olvi5*	0.0	0.016	1.0	(1.0)
olvi5*	0.0	0.016	1.0	(1.0)

relative Natural Colour (NC)

lab*lab	0.0	0.0	0.0
lab*ch	0.0	0.0	0.0
lab*nch	0.0	0.0	0.0
lab*trj	0.0	0.0	0.0
lab*trc	0.0	0.0	0.0
lab*trn	0.0	0.0	0.0

standard and adapted CIELAB

LAB*LAB	76.06	0.6	3.44
LAB*LAB	76.06	0.6	3.44
LAB*LAB	76.06	0.6	3.44
LAB*LAB	76.06	0.6	3.44
LAB*LAB	76.06	0.6	3.44
LAB*LAB	76.06	0.6	3.44

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
lab*trj	0.0	0.0	0.0
lab*trc	0.0	0.0	0.0
lab*trn	0.0	0.0	0.0

standard and adapted CIELAB

LAB*LAB	76.06	0.6	3.44
LAB*LAB	76.06	0.6	3.44
LAB*LAB	76.06	0.6	3.44
LAB*LAB	76.06	0.6	3.44
LAB*LAB	76.06	0.6	3.44
LAB*LAB	76.06	0.6	3.44

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
lab*trj	0.0	0.0	0.0
lab*trc	0.0	0.0	0.0
lab*trn	0.0	0.0	0.0

standard and adapted CIELAB

LAB*LAB	56.71	0.23	2.14
LAB*LAB	56.71	0.23	2.14
LAB*LAB	56.71	0.23	2.14
LAB*LAB	56.71	0.23	2.14
LAB*LAB	56.71	0.23	2.14
LAB*LAB	56.71	0.23	2.14

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
lab*trj	0.0	0.0	0.0
lab*trc	0.0	0.0	0.0
lab*trn	0.0	0.0	0.0

standard and adapted CIELAB

LAB*LAB	49.18	2.39	-80.42
LAB*LAB	49.18	2.39	-80.42
LAB*LAB	49.18	2.39	-80.42
LAB*LAB	49.18	2.39	-80.42
LAB*LAB	49.18	2.39	-80.42
LAB*LAB	49.18	2.39	-80.42

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
lab*trj	0.0	0.0	0.0
lab*trc	0.0	0.0	0.0
lab*trn	0.0	0.0	0.0

standard and adapted CIELAB

LAB*LAB	49.18	2.39	-80.42
LAB*LAB	49.18	2.39	-80.42
LAB*LAB	49.18	2.39	-80.42
LAB*LAB	49.18	2.39	-80.42
LAB*LAB	49.18	2.39	-80.42
LAB*LAB	49.18	2.39	-80.42

relative CIELAB lab*

lab*lab	0.0	0.0	0.0
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