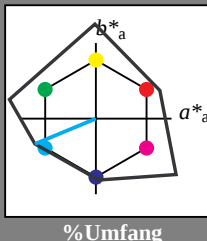


Eingabe: Farbmetrisches Reflexions-System NCS11 für Buntton $h^* = lab^*h = 203/360 = 0.563$ lab^*ch und lab^*nch

D65: Buntton G50B
LCH*Ma: 59 87 203
rgb*Ma: 0.0 1.0 1.0

Dreiecks-Helligkeit t^*



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*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 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*ce 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)
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*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 0.75 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*tr 0.75 0.0 0.0
lab*ce 0.75 0.0 0.0
lab*nce 0.0 0.0 0.0

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*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 0.5 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*tr 0.5 0.0 0.0
lab*ce 0.5 0.0 0.0
lab*nce 0.0 0.0 0.0

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 0.08 0.01
LAB*LAB 32.11 0.08 0.01
LAB*LAB 32.11 0.08 0.01

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*tr 0.25 0.0 0.0
lab*ce 0.25 0.0 0.0
lab*nce 0.0 0.0 0.0

relative Inform. Technology (IT)
olvi3* 0.0 0.0 0.0 (1.0)
olvi4* 1.0 1.0 1.0 (0.0)
olvi5* 1.0 1.0 1.0 (0.0)
olvi6* 0.0 0.0 0.0 (0.0)
olvi7* 0.0 0.0 0.0 (0.0)
LAB*LAB 11.01 0.0 0.0
LAB*LAB 11.01 0.0 0.0
LAB*LAB 11.01 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*tr 0.0 0.0 0.0
lab*ce 0.0 0.0 0.0
lab*nce 0.0 0.0 0.0

$n^* = 1.0$

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* 0.0 0.0 0.0 (0.0)
olvi7* 0.0 0.0 0.0 (0.0)
LAB*LAB 86.42 -20.12 -8.35
LAB*LAB 86.42 -20.12 -8.35
LAB*LAB 86.42 -20.12 -8.35

relative CIELAB lab*
lab*lab 0.893 -0.23 -0.095
lab*ch 0.875 0.25 0.563
lab*nch 0.0 0.25 0.563
relative Natural Colour (NC)
lab*tr 0.893 -0.208 -0.136
lab*ce 0.875 0.25 0.592
lab*nce 0.0 0.25 0.592

relative Inform. Technology (IT)
olvi3* 0.5 0.75 0.75 (1.0)
olvi4* 0.25 0.25 0.25 (0.0)
olvi5* 0.75 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 65.32 -20.11 -8.35
LAB*LAB 65.32 -20.11 -8.35
LAB*LAB 65.32 -20.11 -8.35

relative CIELAB lab*
lab*lab 0.644 -0.208 -0.136
lab*ch 0.625 0.25 0.592
lab*nch 0.0 0.25 0.592
relative Natural Colour (NC)
lab*tr 0.644 -0.208 -0.136
lab*ce 0.625 0.25 0.592
lab*nce 0.0 0.25 0.592

relative Inform. Technology (IT)
olvi3* 0.25 0.75 0.75 (1.0)
olvi4* 0.75 0.25 0.25 (0.0)
olvi5* 0.75 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 56.33 -40.3 -16.72
LAB*LAB 56.33 -40.3 -16.72
LAB*LAB 56.33 -40.3 -16.72

relative CIELAB lab*
lab*lab 0.537 -0.418 -0.272
lab*ch 0.537 -0.418 -0.272
lab*nch 0.0 0.5 0.563
relative Natural Colour (NC)
lab*tr 0.537 -0.418 -0.272
lab*ce 0.537 -0.418 -0.272
lab*nce 0.0 0.5 0.563

relative Inform. Technology (IT)
olvi3* 0.0 0.5 0.5 (1.0)
olvi4* 0.5 0.5 0.5 (0.0)
olvi5* 0.75 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 44.22 -20.09 -8.34
LAB*LAB 44.22 -20.09 -8.34
LAB*LAB 44.22 -20.09 -8.34

relative CIELAB lab*
lab*lab 0.394 -0.208 -0.136
lab*ch 0.375 0.25 0.563
lab*nch 0.0 0.25 0.563
relative Natural Colour (NC)
lab*tr 0.394 -0.208 -0.136
lab*ce 0.375 0.25 0.563
lab*nce 0.0 0.25 0.563

relative Inform. Technology (IT)
olvi3* 0.0 0.0 0.0 (1.0)
olvi4* 1.0 0.75 0.75 (0.0)
olvi5* 1.0 0.75 0.75 (0.0)
olvi6* 0.0 0.0 0.0 (0.0)
olvi7* 0.0 0.0 0.0 (0.0)
LAB*LAB 23.11 -20.07 -8.33
LAB*LAB 23.11 -20.07 -8.33
LAB*LAB 23.11 -20.07 -8.33

relative CIELAB lab*
lab*lab 0.144 -0.23 -0.095
lab*ch 0.125 0.25 0.563
lab*nch 0.0 0.25 0.563
relative Natural Colour (NC)
lab*tr 0.144 -0.23 -0.095
lab*ce 0.125 0.25 0.563
lab*nce 0.0 0.25 0.563

$n^* = 0.50$

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* 0.5 0.0 0.0 (0.0)
olvi5* 0.5 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 77.43 -40.26 -16.71
LAB*LAB 77.43 -40.26 -16.71
LAB*LAB 77.43 -40.26 -16.71

relative CIELAB lab*
lab*lab 0.787 -0.461 -0.191
lab*ch 0.775 0.5 0.563
lab*nch 0.0 0.5 0.563
relative Natural Colour (NC)
lab*tr 0.787 -0.418 -0.272
lab*ce 0.775 0.5 0.592
lab*nce 0.0 0.5 0.592

relative Inform. Technology (IT)
olvi3* 0.25 0.75 0.75 (1.0)
olvi4* 0.75 0.25 0.25 (0.0)
olvi5* 0.75 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 56.33 -40.3 -16.72
LAB*LAB 56.33 -40.3 -16.72
LAB*LAB 56.33 -40.3 -16.72

relative CIELAB lab*
lab*lab 0.537 -0.418 -0.272
lab*ch 0.537 -0.418 -0.272
lab*nch 0.0 0.5 0.563
relative Natural Colour (NC)
lab*tr 0.537 -0.418 -0.272
lab*ce 0.537 -0.418 -0.272
lab*nce 0.0 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* 0.75 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 44.22 -20.09 -8.34
LAB*LAB 44.22 -20.09 -8.34
LAB*LAB 44.22 -20.09 -8.34

relative CIELAB lab*
lab*lab 0.394 -0.208 -0.136
lab*ch 0.375 0.25 0.563
lab*nch 0.0 0.25 0.563
relative Natural Colour (NC)
lab*tr 0.394 -0.208 -0.136
lab*ce 0.375 0.25 0.563
lab*nce 0.0 0.25 0.563

relative Inform. Technology (IT)
olvi3* 0.0 0.0 0.0 (1.0)
olvi4* 1.0 0.75 0.75 (0.0)
olvi5* 1.0 0.75 0.75 (0.0)
olvi6* 0.0 0.0 0.0 (0.0)
olvi7* 0.0 0.0 0.0 (0.0)
LAB*LAB 23.11 -20.07 -8.33
LAB*LAB 23.11 -20.07 -8.33
LAB*LAB 23.11 -20.07 -8.33

relative CIELAB lab*
lab*lab 0.144 -0.23 -0.095
lab*ch 0.125 0.25 0.563
lab*nch 0.0 0.25 0.563
relative Natural Colour (NC)
lab*tr 0.144 -0.23 -0.095
lab*ce 0.125 0.25 0.563
lab*nce 0.0 0.25 0.563

$n^* = 0.25$

relative Inform. Technology (IT)
olvi3* 0.25 0.5 0.5 (1.0)
olvi4* 0.5 0.25 0.25 (0.0)
olvi5* 0.25 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 68.45 -60.41 -25.08
LAB*LAB 68.45 -60.41 -25.08
LAB*LAB 68.45 -60.41 -25.08

relative CIELAB lab*
lab*lab 0.681 -0.692 -0.286
lab*ch 0.625 0.75 0.563
lab*nch 0.0 0.75 0.563
relative Natural Colour (NC)
lab*tr 0.681 -0.627 -0.409
lab*ce 0.625 0.75 0.592
lab*nce 0.0 0.75 0.592

relative Inform. Technology (IT)
olvi3* 0.0 0.25 0.25 (1.0)
olvi4* 0.25 0.0 0.0 (0.0)
olvi5* 0.25 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 59.47 -80.55 -33.44
LAB*LAB 59.47 -80.55 -33.44
LAB*LAB 59.47 -80.55 -33.44

relative CIELAB lab*
lab*lab 0.574 -0.922 -0.382
lab*ch 0.574 -0.922 -0.382
lab*nch 0.0 1.0 0.563
relative Natural Colour (NC)
lab*tr 0.574 -0.836 -0.546
lab*ce 0.574 -0.922 -0.382
lab*nce 0.0 1.0 0.563

relative Inform. Technology (IT)
olvi3* 0.0 0.0 0.0 (1.0)
olvi4* 1.0 1.0 1.0 (0.0)
olvi5* 1.0 1.0 1.0 (0.0)
olvi6* 0.0 0.0 0.0 (0.0)
olvi7* 0.0 0.0 0.0 (0.0)
LAB*LAB 11.01 0.0 0.0
LAB*LAB 11.01 0.0 0.0
LAB*LAB 11.01 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*tr 0.0 0.0 0.0
lab*ce 0.0 0.0 0.0
lab*nce 0.0 0.0 0.0

relative Inform. Technology (IT)
olvi3* 0.0 0.0 0.0 (1.0)
olvi4* 1.0 1.0 1.0 (0.0)
olvi5* 1.0 1.0 1.0 (0.0)
olvi6* 0.0 0.0 0.0 (0.0)
olvi7* 0.0 0.0 0.0 (0.0)
LAB*LAB 11.01 0.0 0.0
LAB*LAB 11.01 0.0 0.0
LAB*LAB 11.01 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*tr 0.0 0.0 0.0
lab*ce 0.0 0.0 0.0
lab*nce 0.0 0.0 0.0

$n^* = 0.00$

relative Inform. Technology (IT)
olvi3* 0.0 0.0 0.0 (1.0)
olvi4* 1.0 0.0 0.0 (0.0)
olvi5* 1.0 0.0 0.0 (0.0)
olvi6* 0.0 0.0 0.0 (0.0)
olvi7* 0.0 0.0 0.0 (0.0)
LAB*LAB 11.01 0.0 0.0
LAB*LAB 11.01 0.0 0.0
LAB*LAB 11.01 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*tr 0.0 0.0 0.0
lab*ce 0.0 0.0 0.0
lab*nce 0.0 0.0 0.0

relative Inform. Technology (IT)
olvi3* 0.0 0.0 0.0 (1.0)
olvi4* 1.0 0.0 0.0 (0.0)
olvi5* 1.0 0.0 0.0 (0.0)
olvi6* 0.0 0.0 0.0 (0.0)
olvi7* 0.0 0.0 0.0 (0.0)
LAB*LAB 11.01 0.0 0.0
LAB*LAB 11.01 0.0 0.0
LAB*LAB 11.01 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*tr 0.0 0.0 0.0
lab*ce 0.0 0.0 0.0
lab*nce 0.0 0.0 0.0

relative Inform. Technology (IT)
olvi3* 0.0 0.0 0.0 (1.0)
olvi4* 1.0 0.0 0.0 (0.0)
olvi5* 1.0 0.0 0.0 (0.0)
olvi6* 0.0 0.0 0.0 (0.0)
olvi7* 0.0 0.0 0.0 (0.0)
LAB*LAB 11.01 0.0 0.0
LAB*LAB 11.01 0.0 0.0
LAB*LAB 11.01 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*tr 0.0 0.0 0.0
lab*ce 0.0 0.0 0.0
lab*nce 0.0 0.0 0.0

relative Inform. Technology (IT)
olvi3* 0.0 0.0 0.0 (1.0)
olvi4* 1.0 0.0 0.0 (0.0)
olvi5* 1.0 0.0 0.0 (0.0)
olvi6* 0.0 0.0 0.0 (0.0)
olvi7* 0.0 0.0 0.0 (0.0)
LAB*LAB 11.01 0.0 0.0
LAB*LAB 11.01 0.0 0.0
LAB*LAB 11.01 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*tr 0.0 0.0 0.0
lab*ce 0.0 0.0 0.0
lab*nce 0.0 0.0 0.0

$n^* = 0.00$

relative Inform. Technology (IT)
olvi3* 0.0 0.0 0.0 (1.0)
olvi4* 1.0 0.0 0.0 (0.0)
olvi5* 1.0 0.0 0.0 (0.0)
olvi6* 0.0 0.0 0.0 (0.0)
olvi7* 0.0 0.0 0.0 (0.0)
LAB*LAB 11.01 0.0 0.0
LAB*LAB 11.01 0.0 0.0
LAB*LAB 11.01 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*tr 0.0 0.0 0.0
lab*ce 0.0 0.0 0.0
lab*nce 0.0 0.0 0.0

relative Inform. Technology (IT)
olvi3* 0.0 0.0 0.0 (1.0)
olvi4* 1.0 0.0 0.0 (0.0)
olvi5* 1.0 0.0 0.0 (0.0)
olvi6* 0.0 0.0 0.0 (0.0)
olvi7* 0.0 0.0 0.0 (0.0)
LAB*LAB 11.01 0.0 0.0
LAB*LAB 11.01 0.0 0.0
LAB*LAB 11.01 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*tr 0.0 0.0 0.0
lab*ce 0.0 0.0 0.0
lab*nce 0.0 0.0 0.0

relative Inform. Technology (IT)
olvi3* 0.0 0.0 0.0 (1.0)
olvi4* 1.0 0.0 0.0 (0.0)
olvi5* 1.0 0.0 0.0 (0.0)
olvi6* 0.0 0.0 0.0 (0.0)
olvi7* 0.0 0.0 0.0 (0.0)
LAB*LAB 11.01 0.0 0.0
LAB*LAB 11.01 0.0 0.0
LAB*LAB 11.01 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*tr 0.0 0.0 0.0
lab*ce 0.0 0.0 0.0
lab*nce 0.0 0.0 0.0

relative Inform. Technology (IT)
olvi3* 0.0 0.0 0.0 (1.0)
olvi4* 1.0 0.0 0.0 (0.0)
olvi5* 1.0 0.0 0.0 (0.0)
olvi6* 0.0 0.0 0.0 (0.0)
olvi7* 0.0 0.0 0.0 (0.0)
LAB*LAB 11.01 0.0 0.0
LAB*LAB 11.01 0.0 0.0
LAB*LAB 11.01 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*tr 0.0 0.0 0.0
lab*ce 0.0 0.0 0.0
lab*nce 0.0 0.0 0.0

$n^* = 0.00$

relative Inform. Technology (IT)
olvi3* 0.0 0.0 0.0 (1.0)
olvi4* 1.0 0.0 0.0 (0.0)
olvi5* 1.0 0.0 0.0 (0.0)
olvi6* 0.0 0.0 0.0 (0.0)
olvi7* 0.0 0.0 0.0 (0.0)
LAB*LAB 11.01 0.0 0.0
LAB*LAB 11.01 0.0 0.0
LAB*LAB 11.01 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*tr 0.0 0.0 0.0
lab*ce 0.0 0.0 0.0
lab*nce 0.0 0.0 0.0

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

Eingabe: Farbmetrisches Reflexions-System NCS11

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

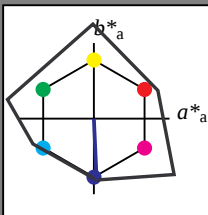
lab^*ch und lab^*nch

D65: Buntton B

LCH*Ma: 49 81 273

rgb*Ma: 0.0 0.0 1.0

Dreiecks-Helligkeit t^*



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

relative CIELAB lab*
lab*lab 1.0 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 1.0 0.0 0.0
lab*tc 1.0 0.0 0.0
lab*nc 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*TCh 99.99 0.01 0.0

relative CIELAB lab*
lab*lab 1.0 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 1.0 0.0 0.0
lab*tc 1.0 0.0 0.0
lab*nc 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)
LAB*Lab 74.31 0.02 0.0
LAB*Lab 74.31 0.02 0.0
LAB*TCh 75.00 0.01 0.0

relative CIELAB lab*
lab*lab 0.75 0.75 0.75 (1.0)
lab*ch 0.25 0.25 0.25 (0.0)
lab*nch 0.0 0.0 0.0 (0.0)
relative Natural Colour (NC)
lab*tr 0.75 0.75 0.75 (1.0)
lab*tc 0.25 0.25 0.25 (0.0)
lab*nc 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*TCh 75.00 0.01 0.0

relative CIELAB lab*
lab*lab 0.75 0.75 0.75 (1.0)
lab*ch 0.25 0.25 0.25 (0.0)
lab*nch 0.0 0.0 0.0 (0.0)
relative Natural Colour (NC)
lab*tr 0.75 0.75 0.75 (1.0)
lab*tc 0.25 0.25 0.25 (0.0)
lab*nc 0.0 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)
LAB*Lab 53.21 0.04 0.0
LAB*Lab 53.21 0.04 0.0
LAB*TCh 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 (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*nc 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*TCh 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 (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*nc 0.0 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)
LAB*Lab 32.11 0.08 0.0
LAB*Lab 32.11 0.08 0.0
LAB*TCh 25.00 0.01 0.0

relative CIELAB lab*
lab*lab 0.25 0.25 0.25 (0.0)
lab*ch 0.75 0.75 0.75 (1.0)
lab*nch 0.0 0.0 0.0 (0.0)
relative Natural Colour (NC)
lab*tr 0.25 0.25 0.25 (0.0)
lab*tc 0.75 0.75 0.75 (1.0)
lab*nc 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*TCh 25.00 0.01 0.0

relative CIELAB lab*
lab*lab 0.25 0.25 0.25 (0.0)
lab*ch 0.75 0.75 0.75 (1.0)
lab*nch 0.0 0.0 0.0 (0.0)
relative Natural Colour (NC)
lab*tr 0.25 0.25 0.25 (0.0)
lab*tc 0.75 0.75 0.75 (1.0)
lab*nc 0.0 0.0 0.0 (0.0)

relative Inform. Technology (IT)
olvi3* 0.0 0.0 0.0 (0.0)
cmyn3* 1.0 1.0 1.0 (1.0)
olvi4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
LAB*Lab 11.01 0.07 0.01
LAB*Lab 11.01 0.07 0.01
LAB*TCh 0.01 0.01 0.0

relative CIELAB lab*
lab*lab 0.0 0.0 0.0 (0.0)
lab*ch 1.0 1.0 1.0 (1.0)
lab*nch 0.0 0.0 0.0 (0.0)
relative Natural Colour (NC)
lab*tr 0.0 0.0 0.0 (0.0)
lab*tc 1.0 1.0 1.0 (1.0)
lab*nc 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*TCh 0.01 0.01 0.0

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

relative Inform. Technology (IT)
olvi3* 0.0 0.0 0.0 (0.0)
cmyn3* 1.0 1.0 1.0 (1.0)
olvi4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
LAB*Lab 0.0 0.0 0.0
LAB*Lab 0.0 0.0 0.0
LAB*TCh 0.0 0.0 0.0

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

standard and adapted CIELAB
LAB*Lab 0.0 0.0 0.0
LAB*Lab 0.0 0.0 0.0
LAB*TCh 0.0 0.0 0.0

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

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

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

	$L^* = L^*_a$	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
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	$L^* = L^*_a$	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
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W _{Ma}	95.41	0.0	0.0	0.0	0
RCIE	39.92	58.69	27.98	65.01	25
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JMa	91.37	-1.27	125.03	125.03	91
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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
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JMa	91.37	-1.27	125.03	125.03	91
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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
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	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
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JMa	91.37	-1.27	125.03	125.03	91
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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

	$L^* = L^*_a$	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

	$L^* = L^*_a$	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

relative Buntheit

Bunton 273/360 = 0.757 (links)

page IIG59: Farbmeterik-Systeme

Eingabe: Farbmetrisches Reflexions-System NCS11

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

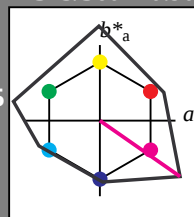
lab^*ch und lab^*nch

D65: Buntton B50R

LCH*Ma: 44 129 325

rgb*Ma: 1.0 0.0 1.0

Dreiecks-Helligkeit t^*



%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*TCiHa	99.99	0.01	0.0	

relative Inform. Technology (IT)

olvi3*	1.0	0.75	1.0	(1.0)
cmyn3*	0.0	0.25	0.0	(0.0)
olvi4*	1.0	0.75	1.0	(1.0)
cmyn4*	0.0	0.25	0.0	(0.0)
LAB*LAB	82.57	26.53	-18.47	
LAB*LAB	82.57	26.53	-18.47	
LAB*TCiHa	87.5	32.32	325.12	

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*TCiHa	75.0	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*TCiHa	75.0	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*TCiHa	75.0	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*TCiHa	75.0	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*TCiHa	75.0	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*TCiHa	75.0	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*TCiHa	75.0	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*TCiHa	75.0	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*TCiHa	75.0	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

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

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

relative Inform. Technology (IT)

olvi3*	1.0	0.5	1.0	(1.0)
cmyn3*	0.0	0.5	0.0	(0.0)
olvi4*	1.0	0.5	1.0	(1.0)
cmyn4*	0.0	0.5	0.0	(0.0)
LAB*LAB	69.73	53.06	-36.95	
LAB*LAB	69.73	53.06	-36.95	
LAB*TCiHa	75.0	64.65	325.12	

relative Inform. Technology (IT)

olvi3*	1.0	0.5	1.0	(1.0)
cmyn3*	0.0	0.5	0.0	(0.0)
olvi4*	1.0	0.5	1.0	(1.0)
cmyn4*	0.0	0.5	0.0	(0.0)
LAB*LAB	69.73	53.06	-36.95	
LAB*LAB	69.73	53.06	-36.95	
LAB*TCiHa	75.0	64.65	325.12	

relative Inform. Technology (IT)

olvi3*	1.0	0.5	1.0	(1.0)
cmyn3*	0.0	0.5	0.0	(0.0)
olvi4*	1.0	0.5	1.0	(1.0)
cmyn4*	0.0	0.5	0.0	(0.0)
LAB*LAB	69.73	53.06	-36.95	
LAB*LAB	69.73	53.06	-36.95	
LAB*TCiHa	75.0	64.65	325.12	

relative Inform. Technology (IT)

olvi3*	1.0	0.5	1.0	(1.0)
cmyn3*	0.0	0.5	0.0	(0.0)
olvi4*	1.0	0.5	1.0	(1.0)
cmyn4*	0.0	0.5	0.0	(0.0)
LAB*LAB	69.73	53.06	-36.95	
LAB*LAB	69.73	53.06	-36.95	
LAB*TCiHa	75.0	64.65	325.12	

relative Inform. Technology (IT)

olvi3*	1.0	0.5	1.0	(1.0)
cmyn3*	0.0	0.5	0.0	(0.0)
olvi4*	1.0	0.5	1.0	(1.0)
cmyn4*	0.0	0.5	0.0	(0.0)
LAB*LAB	69.73	53.06	-36.95	
LAB*LAB	69.73	53.06	-36.95	
LAB*TCiHa	75.0	64.65	325.12	

relative Inform. Technology (IT)

olvi3*	1.0	0.5	1.0	(1.0)
cmyn3*	0.0	0.5	0.0	(0.0)
olvi4*	1.0	0.5	1.0	(1.0)
cmyn4*	0.0	0.5	0.0	(0.0)
LAB*LAB	69.73	53.06	-36.95	
LAB*LAB	69.73	53.06	-36.95	
LAB*TCiHa	75.0	64.65	325.12	

relative Inform. Technology (IT)

olvi3*	1.0	0.5	1.0	(1.0)
cmyn3*	0.0	0.5	0.0	(0.0)
olvi4*	1.0	0.5	1.0	(1.0)
cmyn4*	0.0	0.5	0.0	(0.0)
LAB*LAB	69.73	53.06	-36.95	
LAB*LAB	69.73	53.06	-36.95	
LAB*TCiHa	75.0	64.65	325.12	

relative Inform. Technology (IT)

olvi3*	1.0	0.5	1.0	(1.0)
cmyn3*	0.0	0.5	0.0	(0.0)
olvi4*	1.0	0.5	1.0	(1.0)
cmyn4*	0.0	0.5	0.0	(0.0)
LAB*LAB	69.73	53.06	-36.95	
LAB*LAB	69.73	53.06	-36.95	
LAB*TCiHa	75.0	64.65	325.12	

relative Inform. Technology (IT)

olvi3*	1.0	0.5	1.0	(1.0)
cmyn3*	0.0	0.5	0.0	(0.0)
olvi4*	1.0	0.5	1.0	(1.0)
cmyn4*	0.0	0.5	0.0	(0.0)
LAB*LAB	69.73	53.06	-36.95	
LAB*LAB	69.73	53.06	-36.95	
LAB*TCiHa	75.0	64.65	325.12	

relative Inform. Technology (IT)

olvi3*	1.0	0.5	1.0	(1.0)
cmyn3*	0.0	0.5	0.0	(0.0)
olvi4*	1.0	0.5	1.0	(1.0)
cmyn4*	0.0	0.5	0.0	(0.0)
LAB*LAB	69.73	53.06	-36.95	
LAB*LAB	69.73	53.06	-36.95	
LAB*TCiHa	75.0	64.65	325.12	

relative Inform. Technology (IT)

olvi3*	1.0	0.5	1.0	(1.0)
cmyn3*	0.0	0.5	0.0	(0.0)
olvi4*	1.0	0.5	1.0	(1.0)
cmyn4*	0.0	0.5	0.0	(0.0)
LAB*LAB	69.73	53.06	-36.95	
LAB*LAB	69.73	53.06	-36.95	
LAB*TCiHa	75.0	64.65	325.12	

relative Inform. Technology (IT)

olvi3*	1.0	0.5	1.0	(1.0)
cmyn3*	0.0	0.5	0.0	(0.0)
olvi4*	1.0	0.5	1.0	(1.0)
cmyn4*	0.0	0.5	0.0	(0.0)
LAB*LAB	69.73	53.06	-36.95	
LAB*LAB	69.73	53.06	-36.95	
LAB*TCiHa	75.0	64.65	325.12	

relative Inform. Technology (IT)

olvi3*	1.0	0.5	1.0	(1.0)
cmyn3*	0.0	0.5	0.0	(0.0)
olvi4*	1.0	0.5	1.0	(1.0)
cmyn4*	0.0	0.5	0.0	(0.0)
LAB*LAB	69.73	53.06	-36.95	
LAB*LAB	69.73	53.06	-36.95	
LAB*TCiHa	75.0	64.65	325.12	

relative Inform. Technology (IT)

olvi3*	1.0	0.5	1.0	(1.0)
cmyn3*	0.0	0.5	0.0	(0.0)
olvi4*	1.0	0.5	1.0	(1.0)
cmyn4*	0.0	0.5	0.0	(0.0)
LAB*LAB	69.73	53.06	-36.95	
LAB*LAB	69.73	53.06	-36.95	
LAB*TCiHa	75.0	64.65	325.12	

relative Inform. Technology (IT)

olvi3*	1.0	0.5	1.0	(1.0)
cmyn3*	0.0	0.5	0.0	(0.0)
olvi4*	1.0	0.5	1.0	(1.0)
cmyn4*	0.0	0.5	0.0	(0.0)
LAB*LAB	69.73	53.06	-36.95	
LAB*LAB	69.73	53.06	-36.95	
LAB*TCiHa	75.0	64.65	325.12	

relative Inform. Technology (IT)

olvi3*	1.0	0.5	1.0	(1.0)
cmyn3*	0.0	0.5	0.0	(0.0)
olvi4*	1.0	0.5	1.0	(1.0)
cmyn4*	0.0	0.5	0.0	(0.0)
LAB*LAB	69.73	53.06	-36.95	
LAB*LAB	69.73	53.06	-36.95	
LAB*TCiHa	75.0	64.65	325.12	

relative Inform. Technology (IT)

olvi3*	1.0	0.5	1.0	(1.0)
cmyn3*	0.0	0.5	0.0	(0.0)
olvi4*	1.0	0.5	1.0	(1.0)
cmyn4*	0.0	0.5	0.0	(0.0)
LAB*LAB	69.73	53.06	-36.95	
LAB*LAB	69.73	53.06	-36.95	
LAB*TCiHa	75.0	64.65	325.12	

relative Inform. Technology (IT)

olvi3*	1.0	0.5	1.0	(1.0)
cmyn3*	0.0	0.5	0.0	(0.0)
olvi4*	1.0	0.5	1.0	(1.0)
cmyn4*	0.0	0.5	0.0	(0.0)
LAB*LAB	69.73	53.06	-36.95	
LAB*LAB	69.73	53.06	-36.95	
LAB*TCiHa	75.0	64.65	325.12	

0,75

r

Eingabe: Farbmetrisches Reflexions-System NCS11

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

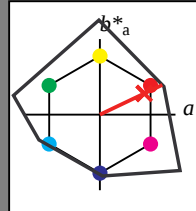
lab^*ch und lab^*nch

D65: Buntton R

LCH*Ma: 48 91 25

rgb*Ma: 1.0 0.02 0.0

Dreiecks-Helligkeit t^*



%Umfang

$u^*_{rel} = 149$

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)
olvi4* 0.0 0.0 0.0 (0.0)
olvi4* 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

relative CIELAB lab*
lab*lab 1.0 0.0 0.0
lab*lab 1.0 0.0 0.0
lab*lab 0.0 0.0 0.0
lab*lab 0.0 0.0 0.0
relative Natural Colour (NC)
lab*lab 1.0 0.0 0.0
lab*lab 1.0 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)
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)
olvi4* 0.0 0.0 0.0 (0.0)
olvi4* 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

relative CIELAB lab*
lab*lab 0.75 0.75 0.75 (1.0)
lab*lab 0.25 0.25 0.25 (0.0)
lab*lab 0.75 0.75 0.75 (1.0)
lab*lab 0.25 0.25 0.25 (0.0)
relative Natural Colour (NC)
lab*lab 0.75 0.75 0.75 (1.0)
lab*lab 0.25 0.25 0.25 (0.0)
lab*lab 0.75 0.75 0.75 (1.0)
lab*lab 0.25 0.25 0.25 (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)
olvi4* 0.0 0.0 0.0 (0.0)
olvi4* 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

relative CIELAB lab*
lab*lab 0.75 0.75 0.75 (1.0)
lab*lab 0.25 0.25 0.25 (0.0)
lab*lab 0.75 0.75 0.75 (1.0)
lab*lab 0.25 0.25 0.25 (0.0)
relative Natural Colour (NC)
lab*lab 0.75 0.75 0.75 (1.0)
lab*lab 0.25 0.25 0.25 (0.0)
lab*lab 0.75 0.75 0.75 (1.0)
lab*lab 0.25 0.25 0.25 (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)
olvi4* 0.0 0.0 0.0 (0.0)
olvi4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*Lab 32.11 0.07 0.01
LAB*Lab 32.11 0.07 0.01
LAB*Lab 32.11 0.07 0.01
LAB*Lab 32.11 0.07 0.01

relative CIELAB lab*
lab*lab 0.75 0.75 0.75 (1.0)
lab*lab 0.25 0.25 0.25 (0.0)
lab*lab 0.75 0.75 0.75 (1.0)
lab*lab 0.25 0.25 0.25 (0.0)
relative Natural Colour (NC)
lab*lab 0.75 0.75 0.75 (1.0)
lab*lab 0.25 0.25 0.25 (0.0)
lab*lab 0.75 0.75 0.75 (1.0)
lab*lab 0.25 0.25 0.25 (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)
olvi4* 0.0 0.0 0.0 (0.0)
olvi4* 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*Lab 11.01 0.07 0.01
LAB*Lab 11.01 0.07 0.01

relative CIELAB lab*
lab*lab 0.75 0.75 0.75 (1.0)
lab*lab 0.25 0.25 0.25 (0.0)
lab*lab 0.75 0.75 0.75 (1.0)
lab*lab 0.25 0.25 0.25 (0.0)
relative Natural Colour (NC)
lab*lab 0.75 0.75 0.75 (1.0)
lab*lab 0.25 0.25 0.25 (0.0)
lab*lab 0.75 0.75 0.75 (1.0)
lab*lab 0.25 0.25 0.25 (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)
olvi4* 0.0 0.0 0.0 (0.0)
olvi4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*Lab 0.01 0.01 0.01
LAB*Lab 0.01 0.01 0.01
LAB*Lab 0.01 0.01 0.01
LAB*Lab 0.01 0.01 0.01

relative CIELAB lab*
lab*lab 0.75 0.75 0.75 (1.0)
lab*lab 0.25 0.25 0.25 (0.0)
lab*lab 0.75 0.75 0.75 (1.0)
lab*lab 0.25 0.25 0.25 (0.0)
relative Natural Colour (NC)
lab*lab 0.75 0.75 0.75 (1.0)
lab*lab 0.25 0.25 0.25 (0.0)
lab*lab 0.75 0.75 0.75 (1.0)
lab*lab 0.25 0.25 0.25 (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* 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)
olvi4* 0.0 0.0 0.0 (0.0)
olvi4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*Lab 71.81 41.31 19.68
LAB*Lab 71.81 41.31 19.68
LAB*Lab 71.81 41.31 19.68
LAB*Lab 71.81 41.31 19.68

relative CIELAB lab*
lab*lab 0.72 0.512 0.5 (1.0)
lab*lab 0.25 0.25 0.25 (0.0)
lab*lab 0.72 0.512 0.5 (1.0)
lab*lab 0.25 0.25 0.25 (0.0)
relative Natural Colour (NC)
lab*lab 0.72 0.512 0.5 (1.0)
lab*lab 0.25 0.25 0.25 (0.0)
lab*lab 0.72 0.512 0.5 (1.0)
lab*lab 0.25 0.25 0.25 (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)
olvi4* 0.0 0.0 0.0 (0.0)
olvi4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*Lab 60.01 61.96 29.53
LAB*Lab 60.01 61.96 29.53
LAB*Lab 60.01 61.96 29.53
LAB*Lab 60.01 61.96 29.53

relative CIELAB lab*
lab*lab 0.581 0.677 0.323
lab*lab 0.625 0.75 0.071
lab*lab 0.581 0.677 0.323
lab*lab 0.625 0.75 0.071
relative Natural Colour (NC)
lab*lab 0.581 0.677 0.323
lab*lab 0.625 0.75 0.071
lab*lab 0.581 0.677 0.323
lab*lab 0.625 0.75 0.071

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)
olvi4* 0.0 0.0 0.0 (0.0)
olvi4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*Lab 50.71 41.33 19.68
LAB*Lab 50.71 41.33 19.68
LAB*Lab 50.71 41.33 19.68
LAB*Lab 50.71 41.33 19.68

relative CIELAB lab*
lab*lab 0.581 0.677 0.323
lab*lab 0.625 0.75 0.071
lab*lab 0.581 0.677 0.323
lab*lab 0.625 0.75 0.071
relative Natural Colour (NC)
lab*lab 0.581 0.677 0.323
lab*lab 0.625 0.75 0.071
lab*lab 0.581 0.677 0.323
lab*lab 0.625 0.75 0.071

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)
olvi4* 0.0 0.0 0.0 (0.0)
olvi4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*Lab 50.71 41.33 19.68
LAB*Lab 50.71 41.33 19.68
LAB*Lab 50.71 41.33 19.68
LAB*Lab 50.71 41.33 19.68

relative CIELAB lab*
lab*lab 0.581 0.677 0.323
lab*lab 0.625 0.75 0.071
lab*lab 0.581 0.677 0.323
lab*lab 0.625 0.75 0.071
relative Natural Colour (NC)
lab*lab 0.581 0.677 0.323
lab*lab 0.625 0.75 0.071
lab*lab 0.581 0.677 0.323
lab*lab 0.625 0.75 0.071

$n^* = 0.00$

$n^* = 0.25$

$n^* = 0.50$

$n^* = 0.75$

$n^* = 1.00$

$n^* = 1.25$

$n^* = 1.50$

$n^* = 1.75$

$n^* = 2.00$

$n^* = 2.25$

$n^* = 2.50$

$n^* = 2.75$

$n^* = 3.00$

$n^* = 3.25$

$n^* = 3.50$

$n^* = 3.75$

$n^* = 4.00$

$n^* = 4.25$

$n^* = 4.50$

$n^* = 4.75$

$n^* = 5.00$

$n^* = 5.25$

$n^* = 5.50$

$n^* = 5.75$

$n^* = 6.00$

$n^* = 6.25$

$n^* = 6.50$

$n^* = 6.75$

$n^* = 7.00$

$n^* = 7.25$

$n^* = 7.50$

$n^* = 7.75$

$n^* = 8.00$

$n^* = 8.25$

$n^* = 8.50$

$n^* = 8.75$

$n^* = 9.00$

$n^* = 9.25$

$n^* = 9.50$

$n^* = 9.75$

$n^* = 10.00$

$n^* = 10.25$

$n^* = 10.50$

$n^* = 10.75$

$n^* = 11.00$

$n^* = 11.25$

$n^* = 11.50$

$n^* = 11.75$

$n^* = 12.00$

$n^* = 12.25$

$n^* = 12.50$

$n^* = 12.75$

$n^* = 13.00$

$n^* = 13.25$

$n^* = 13.50$

$n^* = 13.75$

$n^* = 14.00$

$n^* = 14.25$

$n^* = 14.50$

$n^* = 14.75$

$n^* = 15.00$

$n^* = 15.25$

$n^* = 15.50$

$n^* = 15.75$

$n^* = 16.00$

$n^* = 16.25$

$n^* = 16.50$

$n^* = 16.75$

$n^* = 17.00$

$n^* = 17.25$

$n^* = 17.50$

$n^* = 17.75$

$n^* = 18.00$

$n^* = 18.25$

$n^* = 18.50$

$n^* = 18.75$

$n^* = 19.00$

$n^* = 19.25$

$n^* = 19.50$

$n^* = 19.75$

$n^* = 20.00$

$n^* = 20.25$

$n^* = 20.50$

$n^* = 20.75$

$n^* = 21.00$

$n^* = 21.25$

$n^* = 21.50$

$n^* = 21.75$

$n^* = 22.00$

$n^* = 22.25$

$n^* = 22.50$

$n^* = 22.75$

$n^* = 23.00$

$n^* = 23.25$

$n^* = 23.50$

$n^* = 23.75$

$n^* = 24.00$

$n^* = 24.25$

$n^* = 24.50$

$n^* = 24.75$

$n^* = 25.00$

$n^* = 25.25$

$n^* = 25.50$

$n^* = 25.75$

$n^* = 26.00$

$n^* = 26.25$

$n^* = 26.50$

$n^* = 26.75$

$n^* = 27.00$

$n^* = 27.25$

$n^* = 27.50$

$n^* = 27.75$

$n^* = 28.00$

$n^* = 28.25$

für 10 Bunttöne: *Startup (S) data dependence*