

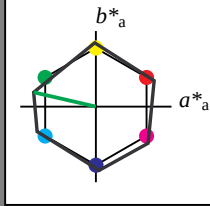
Eingabe: Farbmetrisches Reflexions-System NRS11

für Buntton $h^* = lab^*h = 167/360 = 0.464$ lab^*ch und lab^*nch

D65: Buntton G

LCH*Ma: 53 84 167

rgb*Ma: 0.0 1.0 0.0

Dreiecks-Helligkeit t^* 

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)
olvi8*	1.0	1.0	1.0	(1.0)
olvi8*	0.0	0.0	0.0	(0.0)
olvi9*	1.0	1.0	1.0	(1.0)
olvi9*	0.0	0.0	0.0	(0.0)
olvi10*	1.0	1.0	1.0	(1.0)
olvi10*	0.0	0.0	0.0	(0.0)
olvi11*	1.0	1.0	1.0	(1.0)
olvi11*	0.0	0.0	0.0	(0.0)
olvi12*	1.0	1.0	1.0	(1.0)
olvi12*	0.0	0.0	0.0	(0.0)
olvi13*	1.0	1.0	1.0	(1.0)
olvi13*	0.0	0.0	0.0	(0.0)
olvi14*	1.0	1.0	1.0	(1.0)
olvi14*	0.0	0.0	0.0	(0.0)
olvi15*	1.0	1.0	1.0	(1.0)
olvi15*	0.0	0.0	0.0	(0.0)
olvi16*	1.0	1.0	1.0	(1.0)
olvi16*	0.0	0.0	0.0	(0.0)
olvi17*	1.0	1.0	1.0	(1.0)
olvi17*	0.0	0.0	0.0	(0.0)
olvi18*	1.0	1.0	1.0	(1.0)
olvi18*	0.0	0.0	0.0	(0.0)
olvi19*	1.0	1.0	1.0	(1.0)
olvi19*	0.0	0.0	0.0	(0.0)
olvi20*	1.0	1.0	1.0	(1.0)
olvi20*	0.0	0.0	0.0	(0.0)
olvi21*	1.0	1.0	1.0	(1.0)
olvi21*	0.0	0.0	0.0	(0.0)
olvi22*	1.0	1.0	1.0	(1.0)
olvi22*	0.0	0.0	0.0	(0.0)
olvi23*	1.0	1.0	1.0	(1.0)
olvi23*	0.0	0.0	0.0	(0.0)
olvi24*	1.0	1.0	1.0	(1.0)
olvi24*	0.0	0.0	0.0	(0.0)
olvi25*	1.0	1.0	1.0	(1.0)
olvi25*	0.0	0.0	0.0	(0.0)
olvi26*	1.0	1.0	1.0	(1.0)
olvi26*	0.0	0.0	0.0	(0.0)
olvi27*	1.0	1.0	1.0	(1.0)
olvi27*	0.0	0.0	0.0	(0.0)
olvi28*	1.0	1.0	1.0	(1.0)
olvi28*	0.0	0.0	0.0	(0.0)
olvi29*	1.0	1.0	1.0	(1.0)
olvi29*	0.0	0.0	0.0	(0.0)
olvi30*	1.0	1.0	1.0	(1.0)
olvi30*	0.0	0.0	0.0	(0.0)
olvi31*	1.0	1.0	1.0	(1.0)
olvi31*	0.0	0.0	0.0	(0.0)
olvi32*	1.0	1.0	1.0	(1.0)
olvi32*	0.0	0.0	0.0	(0.0)
olvi33*	1.0	1.0	1.0	(1.0)
olvi33*	0.0	0.0	0.0	(0.0)
olvi34*	1.0	1.0	1.0	(1.0)
olvi34*	0.0	0.0	0.0	(0.0)
olvi35*	1.0	1.0	1.0	(1.0)
olvi35*	0.0	0.0	0.0	(0.0)
olvi36*	1.0	1.0	1.0	(1.0)
olvi36*	0.0	0.0	0.0	(0.0)
olvi37*	1.0	1.0	1.0	(1.0)
olvi37*	0.0	0.0	0.0	(0.0)
olvi38*	1.0	1.0	1.0	(1.0)
olvi38*	0.0	0.0	0.0	(0.0)
olvi39*	1.0	1.0	1.0	(1.0)
olvi39*	0.0	0.0	0.0	(0.0)
olvi40*	1.0	1.0	1.0	(1.0)
olvi40*	0.0	0.0	0.0	(0.0)
olvi41*	1.0	1.0	1.0	(1.0)
olvi41*	0.0	0.0	0.0	(0.0)
olvi42*	1.0	1.0	1.0	(1.0)
olvi42*	0.0	0.0	0.0	(0.0)
olvi43*	1.0	1.0	1.0	(1.0)
olvi43*	0.0	0.0	0.0	(0.0)
olvi44*	1.0	1.0	1.0	(1.0)
olvi44*	0.0	0.0	0.0	(0.0)
olvi45*	1.0	1.0	1.0	(1.0)
olvi45*	0.0	0.0	0.0	(0.0)
olvi46*	1.0	1.0	1.0	(1.0)
olvi46*	0.0	0.0	0.0	(0.0)
olvi47*	1.0	1.0	1.0	(1.0)
olvi47*	0.0	0.0	0.0	(0.0)
olvi48*	1.0	1.0	1.0	(1.0)
olvi48*	0.0	0.0	0.0	(0.0)
olvi49*	1.0	1.0	1.0	(1.0)
olvi49*	0.0	0.0	0.0	(0.0)
olvi50*	1.0	1.0	1.0	(1.0)
olvi50*	0.0	0.0	0.0	(0.0)
olvi51*	1.0	1.0	1.0	(1.0)
olvi51*	0.0	0.0	0.0	(0.0)
olvi52*	1.0	1.0	1.0	(1.0)
olvi52*	0.0	0.0	0.0	(0.0)
olvi53*	1.0	1.0	1.0	(1.0)
olvi53*	0.0	0.0	0.0	(0.0)
olvi54*	1.0	1.0	1.0	(1.0)
olvi54*	0.0	0.0	0.0	(0.0)
olvi55*	1.0	1.0	1.0	(1.0)
olvi55*	0.0	0.0	0.0	(0.0)
olvi56*	1.0	1.0	1.0	(1.0)
olvi56*	0.0	0.0	0.0	(0.0)
olvi57*	1.0	1.0	1.0	(1.0)
olvi57*	0.0	0.0	0.0	(0.0)
olvi58*	1.0	1.0	1.0	(1.0)
olvi58*	0.0	0.0	0.0	(0.0)
olvi59*	1.0	1.0	1.0	(1.0)
olvi59*	0.0	0.0	0.0	(0.0)
olvi60*	1.0	1.0	1.0	(1.0)
olvi60*	0.0	0.0	0.0	(0.0)
olvi61*	1.0	1.0	1.0	(1.0)
olvi61*	0.0	0.0	0.0	(0.0)
olvi62*	1.0	1.0	1.0	(1.0)
olvi62*	0.0	0.0	0.0	(0.0)
olvi63*	1.0	1.0	1.0	(1.0)
olvi63*	0.0	0.0	0.0	(0.0)
olvi64*	1.0	1.0	1.0	(1.0)
olvi64*	0.0	0.0	0.0	(0.0)
olvi65*	1.0	1.0	1.0	(1.0)
olvi65*	0.0	0.0	0.0	(0.0)
olvi66*	1.0	1.0	1.0	(1.0)
olvi66*	0.0	0.0	0.0	(0.0)
olvi67*	1.0	1.0	1.0	(1.0)
olvi67*	0.0	0.0	0.0	(0.0)
olvi68*	1.0	1.0	1.0	(1.0)
olvi68*	0.0	0.0	0.0	(0.0)
olvi69*	1.0	1.0	1.0	(1.0)
olvi69*	0.0	0.0	0.0	(0.0)
olvi70*	1.0	1.0	1.0	(1.0)
olvi70*	0.0	0.0	0.0	(0.0)
olvi71*	1.0	1.0	1.0	(1.0)
olvi71*	0.0	0.0	0.0	(0.0)
olvi72*	1.0	1.0	1.0	(1.0)
olvi72*	0.0	0.0	0.0	(0.0)
olvi73*	1.0	1.0	1.0	(1.0)
olvi73*	0.0	0.0	0.0	(0.0)
olvi74*	1.0	1.0	1.0	(1.0)
olvi74*	0.0	0.0	0.0	(0.0)
olvi75*	1.0	1.0	1.0	(1.0)
olvi75*	0.0	0.0	0.0	(0.0)
olvi76*	1.0	1.0	1.0	(1.0)
olvi76*	0.0	0.0	0.0	(0.0)
olvi77*	1.0	1.0	1.0	(1.0)
olvi77*	0.0	0.0	0.0	(0.0)
olvi78*	1.0	1.0	1.0	(1.0)
olvi78*	0.0	0.0	0.0	(0.0)
olvi79*	1.0	1.0	1.0	(1.0)
olvi79*	0.0	0.0	0.0	(0.0)
olvi80*	1.0	1.0	1.0	(1.0)
olvi80*	0.0	0.0	0.0	(0.0)
olvi81*	1.0	1.0	1.0	(1.0)
olvi81*	0.0	0.0	0.0	(0.0)
olvi82*	1.0	1.0	1.0	(1.0)
olvi82*	0.0	0.0	0.0	(0.0)
olvi83*	1.0	1.0	1.0	(1.0)
olvi83*	0.0	0.0	0.0	(0.0)
olvi84*	1.0	1.0	1.0	(1.0)
olvi84*	0.0	0.0	0.0	(0.0)
olvi85*	1.0	1.0	1.0	(1.0)
olvi85*	0.0	0.0	0.0	(0.0)
olvi86*	1.0	1.0	1.0	(1.0)
olvi86*	0.0	0.0	0.0	(0.0)
olvi87*	1.0	1.0	1.0	(1.0)
olvi87*	0.0	0.0	0.0	(0.0)
olvi88*	1.0	1.0	1.0	(1.0)
olvi88*	0.0	0.0	0.0	(0.0)
olvi89*	1.0	1.0	1.0	(1.0)
olvi89*	0.0	0.0	0.0	(0.0)
olvi90*	1.0	1.0	1.0	(1.0)
olvi90*	0.0	0.0	0.0	(0.0)
olvi91*	1.0	1.0	1.0	(1.0)
olvi91*	0.0	0.0	0.0	(0.0)
olvi92*	1.0	1.0	1.0	(1.0)
olvi92*	0.0	0.0	0.0	(0.0)
olvi93*	1.0	1.0	1.0	(1.0)
olvi93*	0.0	0.0	0.0	(0.0)
olvi94*	1.0	1.0	1.0	(1.0)
olvi94*	0.0	0.0	0.0	(0.0)
olvi95*	1.0	1.0	1.0	(1.0)
olvi95*	0.0	0.0	0.0	(0.0)
olvi96*	1.0	1.0	1.0	(1.0)
olvi96*	0.0	0.0	0.0	(0.0)
olvi97*	1.0	1.0	1.0	(1.0)
olvi97*	0.0	0.0	0.0	(0.0)
olvi98*	1.0	1.0	1.0	(1.0)
olvi98*	0.0	0.0	0.0	(0.0)
olvi99*	1.0	1.0	1.0	(1.0)
olvi99*	0.0	0.0	0.0	(0.0)
olvi100*	1.0	1.0	1.0	(1.0)
olvi100*	0.0	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*	0.75	0.75	0.75	(1.0)
olvi4*	0.25	0.25	0.25	(0.0)
olvi5*	0.75	0.75	0.75	(1.0)
olvi5*	0.25	0.25	0.25	(0.0)
olvi6*	0.75	0.75	0.75	(1.0)
olvi6*	0.25	0.25	0.25	(0.0)
olvi7*	0.75	0.75	0.75	(1.0)
olvi7*	0.25	0.25	0.25	(0.0)
olvi8*	0.75	0.75	0.75	(1.0)
olvi8*	0.25	0.25	0.25	(0.0)
olvi9*	0.75	0.75	0.75	(1.0)
olvi9*	0.25	0.25	0.25	(0.0)
olvi10*	0.75	0.75	0.75	(1.0)
olvi10*	0.25	0.25	0.25	(0.0)
olvi11*	0.75	0.75	0.75	(1.0)
olvi11*	0.25	0.25	0.25	(0.0)
olvi12*	0.75	0.75	0.75	(1.0)
olvi12*	0.25	0.25	0.25	(0.0)
olvi13*	0.75	0.75	0.75	(1.0)
olvi13*	0.25	0.25	0.25	(0.0)
olvi14*	0.75	0.75	0.75	(1.0)
olvi14*	0.25	0.25	0.25	(0.0)
olvi15*	0.75	0.75	0.75	(1.0)
olvi15*	0.25	0.25	0.25	(0.0)
olvi16*	0.75	0.75	0.75	(1.0)
olvi16*	0.25	0.25	0.25	(0.0)
olvi17*	0.75	0.75	0.75	(1.0)
olvi17*	0.25	0.25	0.25	(0.0)
olvi18*	0.75	0.75	0.75	(1.0)
olvi18*	0.25	0.25	0.25	(0.0)
olvi19*	0.75	0.75	0.75	(1.0)
olvi19*	0.25	0.25	0.25	(0.0)
olvi20*	0.75	0.75	0.75	(1.0)
olvi20*	0.25	0.25	0.25	(0.0)
olvi21*	0.75	0.75	0.75	(1.0)
olvi21*	0.25	0.25	0.25	(0.0)
olvi22*	0.75	0.75	0.75	(1.0)
olvi22*	0.25	0.25	0.25	(0.0)
olvi23*	0.75	0.75	0.75	(1.0)
olvi23*	0.25	0.25	0.25	(0.0)
olvi24*	0.75	0.75	0.75	(1.0)
olvi24*	0.25	0.25	0.25	(0.0)
olvi25*	0.75	0.75	0.75	(1.0)
olvi25*	0.25	0.25	0.25	(0.0)
olvi26*	0.75	0.75	0.75	(1.0)
olvi26*	0.25	0.25	0.25	(0.0)
olvi27*	0.75	0.75	0.75	(1.0)
olvi27*	0.25	0.25	0.25	(0.0)
olvi28*	0.75	0.75	0.75	(1.0)
olvi28*	0.25	0.25	0.25	(0.0)
olvi29*	0.75	0.75	0.75	(1.0)
olvi29*	0.25	0.25	0.25	(0.0)
olvi30*	0.75	0.75	0.75	(1.0)
olvi30*	0.25	0.25	0.25	(0.0)
olvi31*	0.75	0.75		

Eingabe: Farbmetrisches Reflexions-System NRS11

für Buntton $h^* = lab^*h = 273/360 = 0.758$

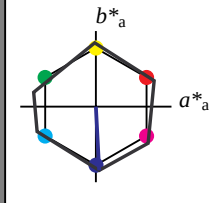
lab^*ch und lab^*nch

D65: Buntton B

LCH*Ma: 53 84 273

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)
standard and adapted CIELAB
LAB*LAB 95.41 0.0 -0.01
LAB*Lab 95.41 0.0 0.0
LAB*TCa 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* 0.75 0.75 0.75 (1.0)
cmyn3* 0.25 0.25 0.25 (0.0)
olvi4* 1.0 1.0 1.0 0.75
cmyn4* 0.0 0.0 0.0 0.25
standard and adapted CIELAB
LAB*LAB 74.31 0.02 0.0
LAB*Lab 74.31 0.02 0.0
LAB*TCa 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 0.25 0.758
lab*trj 0.75 0.005 -0.249
lab*trc 0.75 0.25 0.753
lab*ncc 0.0 0.25 0.01

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 0.5
cmyn4* 0.0 0.0 0.0 0.5
standard and adapted CIELAB
LAB*LAB 53.21 0.04 0.0
LAB*Lab 53.21 0.04 0.0
LAB*TCa 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 0.5 0.758
lab*trj 0.5 0.005 -0.249
lab*trc 0.5 0.25 0.753
lab*ncc 0.0 0.25 0.01

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 0.25
cmyn4* 0.0 0.0 0.0 0.75
standard and adapted CIELAB
LAB*LAB 32.11 0.07 0.01
LAB*Lab 32.11 0.07 0.01
LAB*TCa 32.11 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 0.75 0.758
lab*trj 0.25 0.005 -0.249
lab*trc 0.25 0.25 0.753
lab*ncc 0.0 0.25 0.01

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 0.0
cmyn4* 0.0 0.0 0.0 1.0
standard and adapted CIELAB
LAB*LAB 11.01 0.07 0.01
LAB*Lab 11.01 0.07 0.01
LAB*TCa 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 (0.0)
lab*nch 0.0 1.0 0.758
lab*trj 0.0 0.25 0.753
lab*trc 0.0 0.25 0.01
lab*ncc 0.0 0.0 0.0

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

relative CIELAB lab*
lab*lab 0.25 0.25 0.25 (1.0)
lab*ch 0.25 0.25 0.25 (1.0)
lab*nch 0.0 0.75 0.758
lab*trj 0.25 0.005 -0.249
lab*trc 0.25 0.25 0.753
lab*ncc 0.0 0.25 0.01

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 0.0
cmyn4* 0.0 0.0 0.0 1.0
standard and adapted CIELAB
LAB*LAB 11.01 0.07 0.01
LAB*Lab 11.01 0.07 0.01
LAB*TCa 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 (0.0)
lab*nch 0.0 1.0 0.758
lab*trj 0.0 0.25 0.753
lab*trc 0.0 0.25 0.01
lab*ncc 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 0.0
cmyn4* 0.0 0.0 0.0 1.0
standard and adapted CIELAB
LAB*LAB 11.01 0.07 0.01
LAB*Lab 11.01 0.07 0.01
LAB*TCa 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 (0.0)
lab*nch 0.0 1.0 0.758
lab*trj 0.0 0.25 0.753
lab*trc 0.0 0.25 0.01
lab*ncc 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 0.0
cmyn4* 0.0 0.0 0.0 1.0
standard and adapted CIELAB
LAB*LAB 11.01 0.07 0.01
LAB*Lab 11.01 0.07 0.01
LAB*TCa 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 (0.0)
lab*nch 0.0 1.0 0.758
lab*trj 0.0 0.25 0.753
lab*trc 0.0 0.25 0.01
lab*ncc 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 0.0
cmyn4* 0.0 0.0 0.0 1.0
standard and adapted CIELAB
LAB*LAB 11.01 0.07 0.01
LAB*Lab 11.01 0.07 0.01
LAB*TCa 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 (0.0)
lab*nch 0.0 1.0 0.758
lab*trj 0.0 0.25 0.753
lab*trc 0.0 0.25 0.01
lab*ncc 0.0 0.0 0.0

NRS11; adaptierte CIELAB-Daten

	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
RMa	53.2	77.06	34.32	84.36	24
JMa	53.2	-1.51	84.38	84.39	91
GMa	53.2	-82.27	18.98	84.44	167
G50BMa	53.2	-77.72	-32.98	84.44	203
BMa	53.2	4.37	-84.28	84.41	273
B50RMa	53.2	69.09	-48.41	84.37	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

$g^*_{H,rel} = 47$

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

relative Inform. Technology (IT)

olvi3* 0.5 0.5 0.5 (1.0)
cmyn3* 0.5 0.5 0.5 (0.0)
olvi4* 0.5 0.5 0.5 1.0
cmyn4* 0.5 0.5 0.5 0.0
standard and adapted CIELAB
LAB*LAB 74.31 0.02 -0.01
LAB*Lab 74.31 0.02 -0.01
LAB*TCa 75.00 0.01 0.0

relative CIELAB lab*
lab*lab 0.5 0.5 0.5 (1.0)
lab*ch 0.5 0.5 0.5 (1.0)
lab*nch 0.0 0.5 0.758
lab*trj 0.5 0.005 -0.249
lab*trc 0.5 0.25 0.753
lab*ncc 0.0 0.25 0.01

relative Inform. Technology (IT)

olvi3* 0.25 0.25 0.25 (1.0)
cmyn3* 0.75 0.75 0.75 (0.0)
olvi4* 0.25 0.25 0.25 1.0
cmyn4* 0.75 0.75 0.75 0.0
standard and adapted CIELAB
LAB*LAB 53.21 0.04 -0.01
LAB*Lab 53.21 0.04 -0.01
LAB*TCa 50.00 0.01 0.0

relative CIELAB lab*
lab*lab 0.25 0.25 0.25 (1.0)
lab*ch 0.25 0.25 0.25 (1.0)
lab*nch 0.0 0.75 0.758
lab*trj 0.25 0.005 -0.249
lab*trc 0.25 0.25 0.753
lab*ncc 0.0 0.25 0.01

relative Inform. Technology (IT)

olvi3* 0.0 0.0 0.0 (0.0)
cmyn3* 1.0 1.0 1.0 (1.0)
olvi4* 0.0 0.0 0.0 1.0
cmyn4* 1.0 1.0 1.0 0.0
standard and adapted CIELAB
LAB*LAB 11.01 0.07 0.01
LAB*Lab 11.01 0.07 0.01
LAB*TCa 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 (0.0)
lab*nch 0.0 1.0 0.758
lab*trj 0.0 0.25 0.753
lab*trc 0.0 0.25 0.01
lab*ncc 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* 0.0 0.0 0.0 1.0
cmyn4* 1.0 1.0 1.0 0.0
standard and adapted CIELAB
LAB*LAB 11.01 0.07 0.01
LAB*Lab 11.01 0.07 0.01
LAB*TCa 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 (0.0)
lab*nch 0.0 1.0 0.758
lab*trj 0.0 0.25 0.753
lab*trc 0.0 0.25 0.01
lab*ncc 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* 0.0 0.0 0.0 1.0
cmyn4* 1.0 1.0 1.0 0.0
standard and adapted CIELAB
LAB*LAB 11.01 0.07 0.01
LAB*Lab 11.01 0.07 0.01
LAB*TCa 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 (0.0)
lab*nch 0.0 1.0 0.758
lab*trj 0.0 0.25 0.753
lab*trc 0.0 0.25 0.01
lab*ncc 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* 0.0 0.0 0.0 1.0
cmyn4* 1.0 1.0 1.0 0.0
standard and adapted CIELAB
LAB*LAB 11.01 0.07 0.01
LAB*Lab 11.01 0.07 0.01
LAB*TCa 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 (0.0)
lab*nch 0.0 1.0 0.758
lab*trj 0.0 0.25 0.753
lab*trc 0.0 0.25 0.01
lab*ncc 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* 0.0 0.0 0.0 1.0
cmyn4* 1.0 1.0 1.0 0.0
standard and adapted CIELAB
LAB*LAB 11.01 0.07 0.01
LAB*Lab 11.01 0.07 0.01
LAB*TCa 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 (0.0)
lab*nch 0.0 1.0 0.758
lab*trj 0.0 0.25 0.753
lab*trc 0.0 0.25 0.01
lab*ncc 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* 0.0 0.0 0.0 1.0
cmyn4* 1.0 1.0 1.0 0.0
standard and adapted CIELAB
LAB*LAB 11.01 0.07 0.01
LAB*Lab 11.01 0.07 0.01
LAB*TCa 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 (0.0)
lab*nch 0.0 1.0 0.758
lab*trj 0.0 0.25 0.753
lab*trc 0.0 0.25 0.01
lab*ncc 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* 0.0 0.0 0.0 1.0
cmyn4* 1.0 1.0 1.0 0.0
standard and adapted CIELAB
LAB*LAB 11.01 0.07 0.01
LAB*Lab 11.01 0.07 0.01
LAB*TCa 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 (0.0)
lab*nch 0.0 1.0 0.758
lab*trj 0.0 0.25 0.753
lab*trc 0.0 0.25 0.01
lab*ncc 0.0 0.0 0.0

Ausgabe: Farbmetrisches Reflexions-System ORS18

für Buntton $h^* = lab^*h = 305/360 = 0.847$

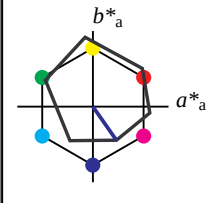
lab^*ch und lab^*nch

D65: Buntton V

LCH*Ma: 26 54 305

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
standard and adapted CIELAB
LAB*LAB 95.41 -0.97 4.75
LAB*Lab 95.41 0.0 0.0
LAB*TCa 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* 0.75 0.75 0.75 (1.0)
cmyn3* 0.25 0.25 0.25 (0.0)
olvi4* 1.0 1.0 1.0 0.75
cmyn4* 0.0 0.0 0.0 0.25
standard and adapted CIELAB
LAB*LAB 76.06 -0.6 3.44
LAB*Lab 76.06 0.0 0.0
LAB*TCa 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 0.25 0.847
lab*trj 0.75 0.112 -0.222
lab*trc 0.75 0.25 0.824
lab*ncc 0.0 0.25 0.01

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 0.5
cmyn4* 0.0 0.0 0.0 0.5
standard and adapted CIELAB
LAB*LAB 56.71 0.23 2.14
LAB*Lab 56.71 0.23 2.14
LAB*TCa 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 0.5 0.847
lab*trj 0.5 0.005 -0.249
lab*trc 0.5 0.25 0.824
lab*ncc 0.0 0.5 0.01

relative Inform. Technology (IT)
olvi3* 0.0 0.0 0.0 (0.0)
cmyn3* 1.0 1.0 1.0 (1.0)
olvi4* 0.0 0.0 0.0 1.0
cmyn4* 1.0 1.0 1.0 0.0
standard and adapted CIELAB
LAB*LAB 11.01 0.07 0.01
LAB*Lab 11.01 0.07 0.01
LAB*TCa 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 (0.0)
lab*nch 0.0 1.0 0.847
lab*trj 0.0 0.25 0.824
lab*trc 0.0 0.25 0.01
lab*ncc 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* 0.0 0.0 0.0 1.0
cmyn4* 1.0 1.0 1.0 0.0
standard and adapted CIELAB
LAB*LAB 11.01 0.07 0.01
LAB*Lab 11.01 0.07 0.01
LAB*TCa 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 (0.0)
lab*nch 0.0 1.0 0.847
lab*trj 0.0 0.25 0.824
lab*trc 0.0 0.25 0.01
lab*ncc 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* 0.0 0.0 0.0 1.0
cmyn4* 1.0 1.0 1.0 0.0
standard and adapted CIELAB
LAB*LAB 11.01 0.07 0.01
LAB*Lab 11.01 0.07 0.01
LAB*TCa 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 (0.0)
lab*nch 0.0 1.0 0.847
lab*trj 0.0 0.25 0.824
lab*trc 0.0 0.25 0.01
lab*ncc 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* 0.0 0.0 0.0 1.0
cmyn4* 1.0 1.0 1.0 0.0
standard and adapted CIELAB
LAB*LAB 11.01 0.07 0.01
LAB*Lab 11.01 0.07 0.01
LAB*TCa 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 (0.0)
lab*nch 0.0 1.0 0.847
lab*trj 0.0 0.25 0.824
lab*trc 0.0 0.25 0.01
lab*ncc 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* 0.0 0.0 0.0 1.0
cmyn4* 1.0 1.0 1.0 0.0
standard and adapted CIELAB
LAB*LAB 11.01 0.07 0.01
LAB*Lab 11.01 0.07 0.01
LAB*TCa 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 (0.0)
lab*nch 0.0 1.0 0.847
lab*trj 0.0 0.25 0.824
lab*trc 0.0 0.25 0.01
lab*ncc 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* 0.0 0.0 0.0 1.0
cmyn4* 1.0 1.0 1.0 0.0
standard and adapted CIELAB
LAB*LAB 11.01 0.07 0.01
LAB*Lab 11.01 0.07 0.01
LAB*TCa 0.01 0.

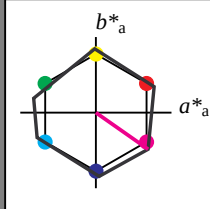
Eingabe: Farbmetrisches Reflexions-System NRS11

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

D65: Buntton B50R

LCH*Ma: 53 84 325

rgb*Ma: 1.0 0.0 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*	1.0	1.0	1.0	(1.0)
olvi8*	0.0	0.0	0.0	(0.0)
olvi9*	1.0	1.0	1.0	(1.0)
olvi10*	0.0	0.0	0.0	(0.0)
olvi11*	1.0	1.0	1.0	(1.0)
olvi12*	0.0	0.0	0.0	(0.0)
olvi13*	1.0	1.0	1.0	(1.0)
olvi14*	0.0	0.0	0.0	(0.0)
olvi15*	1.0	1.0	1.0	(1.0)
olvi16*	0.0	0.0	0.0	(0.0)
olvi17*	1.0	1.0	1.0	(1.0)
olvi18*	0.0	0.0	0.0	(0.0)
olvi19*	1.0	1.0	1.0	(1.0)
olvi20*	0.0	0.0	0.0	(0.0)
olvi21*	1.0	1.0	1.0	(1.0)
olvi22*	0.0	0.0	0.0	(0.0)
olvi23*	1.0	1.0	1.0	(1.0)
olvi24*	0.0	0.0	0.0	(0.0)
olvi25*	1.0	1.0	1.0	(1.0)
olvi26*	0.0	0.0	0.0	(0.0)
olvi27*	1.0	1.0	1.0	(1.0)
olvi28*	0.0	0.0	0.0	(0.0)
olvi29*	1.0	1.0	1.0	(1.0)
olvi30*	0.0	0.0	0.0	(0.0)
olvi31*	1.0	1.0	1.0	(1.0)
olvi32*	0.0	0.0	0.0	(0.0)
olvi33*	1.0	1.0	1.0	(1.0)
olvi34*	0.0	0.0	0.0	(0.0)
olvi35*	1.0	1.0	1.0	(1.0)
olvi36*	0.0	0.0	0.0	(0.0)
olvi37*	1.0	1.0	1.0	(1.0)
olvi38*	0.0	0.0	0.0	(0.0)
olvi39*	1.0	1.0	1.0	(1.0)
olvi40*	0.0	0.0	0.0	(0.0)
olvi41*	1.0	1.0	1.0	(1.0)
olvi42*	0.0	0.0	0.0	(0.0)
olvi43*	1.0	1.0	1.0	(1.0)
olvi44*	0.0	0.0	0.0	(0.0)
olvi45*	1.0	1.0	1.0	(1.0)
olvi46*	0.0	0.0	0.0	(0.0)
olvi47*	1.0	1.0	1.0	(1.0)
olvi48*	0.0	0.0	0.0	(0.0)
olvi49*	1.0	1.0	1.0	(1.0)
olvi50*	0.0	0.0	0.0	(0.0)
olvi51*	1.0	1.0	1.0	(1.0)
olvi52*	0.0	0.0	0.0	(0.0)
olvi53*	1.0	1.0	1.0	(1.0)
olvi54*	0.0	0.0	0.0	(0.0)
olvi55*	1.0	1.0	1.0	(1.0)
olvi56*	0.0	0.0	0.0	(0.0)
olvi57*	1.0	1.0	1.0	(1.0)
olvi58*	0.0	0.0	0.0	(0.0)
olvi59*	1.0	1.0	1.0	(1.0)
olvi60*	0.0	0.0	0.0	(0.0)
olvi61*	1.0	1.0	1.0	(1.0)
olvi62*	0.0	0.0	0.0	(0.0)
olvi63*	1.0	1.0	1.0	(1.0)
olvi64*	0.0	0.0	0.0	(0.0)
olvi65*	1.0	1.0	1.0	(1.0)
olvi66*	0.0	0.0	0.0	(0.0)
olvi67*	1.0	1.0	1.0	(1.0)
olvi68*	0.0	0.0	0.0	(0.0)
olvi69*	1.0	1.0	1.0	(1.0)
olvi70*	0.0	0.0	0.0	(0.0)
olvi71*	1.0	1.0	1.0	(1.0)
olvi72*	0.0	0.0	0.0	(0.0)
olvi73*	1.0	1.0	1.0	(1.0)
olvi74*	0.0	0.0	0.0	(0.0)
olvi75*	1.0	1.0	1.0	(1.0)
olvi76*	0.0	0.0	0.0	(0.0)
olvi77*	1.0	1.0	1.0	(1.0)
olvi78*	0.0	0.0	0.0	(0.0)
olvi79*	1.0	1.0	1.0	(1.0)
olvi80*	0.0	0.0	0.0	(0.0)
olvi81*	1.0	1.0	1.0	(1.0)
olvi82*	0.0	0.0	0.0	(0.0)
olvi83*	1.0	1.0	1.0	(1.0)
olvi84*	0.0	0.0	0.0	(0.0)
olvi85*	1.0	1.0	1.0	(1.0)
olvi86*	0.0	0.0	0.0	(0.0)
olvi87*	1.0	1.0	1.0	(1.0)
olvi88*	0.0	0.0	0.0	(0.0)
olvi89*	1.0	1.0	1.0	(1.0)
olvi90*	0.0	0.0	0.0	(0.0)
olvi91*	1.0	1.0	1.0	(1.0)
olvi92*	0.0	0.0	0.0	(0.0)
olvi93*	1.0	1.0	1.0	(1.0)
olvi94*	0.0	0.0	0.0	(0.0)
olvi95*	1.0	1.0	1.0	(1.0)
olvi96*	0.0	0.0	0.0	(0.0)
olvi97*	1.0	1.0	1.0	(1.0)
olvi98*	0.0	0.0	0.0	(0.0)
olvi99*	1.0	1.0	1.0	(1.0)
olvi100*	0.0	0.0	0.0	(0.0)

relative Inform. Technology (IT)

olvi3*	1.0	0.75	1.0	(1.0)
olvi4*	0.0	0.25	0.0	(0.0)
olvi5*	1.0	0.75	1.0	(1.0)
olvi6*	0.0	0.25	0.0	(0.0)
olvi7*	1.0	0.75	1.0	(1.0)
olvi8*	0.0	0.25	0.0	(0.0)
olvi9*	1.0	0.75	1.0	(1.0)
olvi10*	0.0	0.25	0.0	(0.0)
olvi11*	1.0	0.75	1.0	(1.0)
olvi12*	0.0	0.25	0.0	(0.0)
olvi13*	1.0	0.75	1.0	(1.0)
olvi14*	0.0	0.25	0.0	(0.0)
olvi15*	1.0	0.75	1.0	(1.0)
olvi16*	0.0	0.25	0.0	(0.0)
olvi17*	1.0	0.75	1.0	(1.0)
olvi18*	0.0	0.25	0.0	(0.0)
olvi19*	1.0	0.75	1.0	(1.0)
olvi20*	0.0	0.25	0.0	(0.0)
olvi21*	1.0	0.75	1.0	(1.0)
olvi22*	0.0	0.25	0.0	(0.0)
olvi23*	1.0	0.75	1.0	(1.0)
olvi24*	0.0	0.25	0.0	(0.0)
olvi25*	1.0	0.75	1.0	(1.0)
olvi26*	0.0	0.25	0.0	(0.0)
olvi27*	1.0	0.75	1.0	(1.0)
olvi28*	0.0	0.25	0.0	(0.0)
olvi29*	1.0	0.75	1.0	(1.0)
olvi30*	0.0	0.25	0.0	(0.0)
olvi31*	1.0	0.75	1.0	(1.0)
olvi32*	0.0	0.25	0.0	(0.0)
olvi33*	1.0	0.75	1.0	(1.0)
olvi34*	0.0	0.25	0.0	(0.0)
olvi35*	1.0	0.75	1.0	(1.0)
olvi36*	0.0	0.25	0.0	(0.0)
olvi37*	1.0	0.75	1.0	(1.0)
olvi38*	0.0	0.25	0.0	(0.0)
olvi39*	1.0	0.75	1.0	(1.0)
olvi40*	0.0	0.25	0.0	(0.0)
olvi41*	1.0	0.75	1.0	(1.0)
olvi42*	0.0	0.25	0.0	(0.0)
olvi43*	1.0	0.75	1.0	(1.0)
olvi44*	0.0	0.25	0.0	(0.0)
olvi45*	1.0	0.75	1.0	(1.0)
olvi46*	0.0	0.25	0.0	(0.0)
olvi47*	1.0	0.75	1.0	(1.0)
olvi48*	0.0	0.25	0.0	(0.0)
olvi49*	1.0	0.75	1.0	(1.0)
olvi50*	0.0	0.25	0.0	(0.0)
olvi51*	1.0	0.75	1.0	(1.0)
olvi52*	0.0	0.25	0.0	(0.0)
olvi53*	1.0	0.75	1.0	(1.0)
olvi54*	0.0	0.25	0.0	(0.0)
olvi55*	1.0	0.75	1.0	(1.0)
olvi56*	0.0	0.25	0.0	(0.0)
olvi57*	1.0	0.75	1.0	(1.0)
olvi58*	0.0	0.25	0.0	(0.0)
olvi59*	1.0	0.75	1.0	(1.0)
olvi60*	0.0	0.25	0.0	(0.0)
olvi61*	1.0	0.75	1.0	(1.0)
olvi62*	0.0	0.25	0.0	(0.0)
olvi63*	1.0	0.75	1.0	(1.0)
olvi64*	0.0	0.25	0.0	(0.0)
olvi65*	1.0	0.75	1.0	(1.0)
olvi66*	0.0	0.25	0.0	(0.0)
olvi67*	1.0	0.75	1.0	(1.0)
olvi68*	0.0	0.25	0.0	(0.0)
olvi69*	1.0	0.75	1.0	(1.0)
olvi70*	0.0	0.25	0.0	(0.0)
olvi71*	1.0	0.75	1.0	(1.0)
olvi72*	0.0	0.25	0.0	(0.0)
olvi73*	1.0	0.75	1.0	(1.0)
olvi74*	0.0	0.25	0.0	(0.0)
olvi75*	1.0	0.75	1.0	(1.0)
olvi76*	0.0	0.25	0.0	(0.0)
olvi77*	1.0	0.75	1.0	(1.0)
olvi78*	0.0	0.25	0.0	(0.0)
olvi79*	1.0	0.75	1.0	(1.0)
olvi80*	0.0	0.25	0.0	(0.0)
olvi81*	1.0	0.75	1.0	(1.0)
olvi82*	0.0	0.25	0.0	(0.0)
olvi83*	1.0	0.75	1.0	(1.0)
olvi84*	0.0	0.25	0.0	(0.0)
olvi85*	1.0	0.75	1.0	(1.0)
olvi86*	0.0	0.25	0.0	(0.0)
olvi87*	1.0	0.75	1.0	(1.0)
olvi88*	0.0	0.25	0.0	(0.0)
olvi89*	1.0	0.75	1.0	(1.0)
olvi90*	0.0	0.25	0.0	(0.0)
olvi91*	1.0	0.75	1.0	(1.0)
olvi92*	0.0	0.25	0.0	(0.0)
olvi93*	1.0	0.75	1.0	(1.0)
olvi94*	0.0	0.25	0.0	(0.0)
olvi95*	1.0	0.75	1.0	(1.0)
olvi96*	0.0	0.25	0.0	(0.0)
olvi97*	1.0	0.75	1.0	(1.0)
olvi98*	0.0	0.25	0.0	(0.0)
olvi99*	1.0	0.75	1.0	(1.0)
olvi100*	0.0	0.25	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*	0.75	0.75	0.75	(1.0)
olvi6*	0.25	0.25	0.25	(0.0)
olvi7*	0.75	0.75	0.75	(1.0)
olvi8*	0.25	0.25	0.25	(0.0)
olvi9*	0.75	0.75	0.75	(1.0)
olvi10*	0.25	0.25	0.25	(0.0)
olvi11*	0.75	0.75	0.75	(1.0)
olvi12*	0.25	0.25	0.25	(0.0)
olvi13*	0.75	0.75	0.75	(1.0)
olvi14*	0.25	0.25	0.25	(0.0)
olvi15*	0.75	0.75	0.75	(1.0)
olvi16*	0.25	0.25	0.25	(0.0)
olvi17*	0.75	0.75	0.75	(1.0)
olvi18*	0.25	0.25	0.25	(0.0)
olvi19*	0.75	0.75	0.75	(1.0)
olvi20*	0.25	0.25	0.25	(0.0)
olvi21*	0.75	0.75	0.75	(1.0)
olvi22*	0.25	0.25	0.25	(0.0)
olvi23*	0.75	0.75	0.75	(1.0)
olvi24*	0.25	0.25	0.25	(0.0)
olvi25*	0.75	0.75	0.75	(1.0)
olvi26*	0.25	0.25	0.25	(0.0)
olvi27*	0.75	0.75	0.75	(1.0)
olvi28*	0.25	0.25	0.25	(0.0)
olvi29*	0.75	0.75	0.75	(1.0)
olvi30*	0.25	0.25	0.25	(0.0)
olvi31*	0.75	0.75	0.75	(1.0)
olvi32*	0.25	0.25	0.25	(0.0)
olvi33*	0.75	0.75	0.75	(1.0)
olvi34*	0.25	0.25	0.25	(0.0)
olvi35*	0.75	0.75	0.75	(1.0)
olvi36*	0.25	0.25	0.25	(0.0)
olvi37*	0.75	0.75	0.75	(1.0)
olvi38*	0.25	0.25	0.25	(0.0)
olvi39*	0.75	0.75	0.75	(1.0)
olvi40*	0.25	0.25	0.25	(0.0)
olvi41*	0.75	0.75	0.75	(1.0)
olvi42*	0.25	0.25	0.25	(0.0)
olvi43*	0.75	0.75	0.75	(1.0)
olvi44*	0.25	0.25	0.25	(0.0)
olvi45*	0.75	0.75	0.75	(1.0)
olvi46*	0.25	0.25	0.25	(0.0)
olvi47*	0.75	0.75	0.75	(1.0)
olvi48*	0.25	0.25	0.25	(0.0)
olvi49*	0.75	0.75	0.75	(1.0)
olvi50*	0.25	0.25	0.25	(0.0)
olvi51*	0.75	0.75	0.75	(1.0)
olvi52*	0.25	0.25	0.25	(0.0)
olvi53*	0.75	0.75	0.75	(1.0)
olvi54*	0.25	0.25	0.25	(0.0)
olvi55*	0.75	0.75	0.75	(1.0)

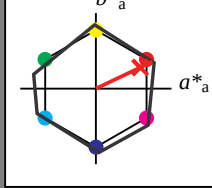
Eingabe: Farbmetrisches Reflexions-System NRS11

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

D65: Buntton R

LCH*Ma: 53 83 25

rgb*Ma: 1.0 0.03 0.0

Dreiecks-Helligkeit t^* 

%Umfang

 $u^*_{rel} = 119$

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*TCa	99.99	0.01	0.0	

relative CIELAB lab*

lab*lab	1.0	0.0	0.0	
lab*ch	0.0	1.0	0.0	
lab*nch	0.0	0.0	1.0	

standard and adapted CIELAB

lab*lab	1.0	0.0	0.0	
lab*ch	0.0	1.0	0.0	
lab*nch	0.0	0.0	1.0	

relative 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*TCa	75.00	0.01	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	

standard and adapted CIELAB

lab*lab	0.75	0.0	0.0	
lab*ch	0.0	0.75	0.0	
lab*nch	0.0	0.0	0.75	

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*TCa	50.00	0.01	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	

standard and adapted CIELAB

lab*lab	0.5	0.0	0.0	
lab*ch	0.0	0.5	0.0	
lab*nch	0.0	0.0	0.5	

relative Inform. Technology (IT)

olvi3*	0.25	0.25	0.25	(1.0)
cmyn3*	0.75	0.75	0.75	(0.0)
olvi4*	1.0	1.0	1.0	(1.0)
cmyn4*	0.0	0.0	0.0	(0.0)
LAB*LAB	32.11	0.07	0.01	
LAB*Lab	32.11	0.07	0.01	
LAB*TCa	25.00	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	

standard and adapted CIELAB

lab*lab	0.25	0.0	0.0	
lab*ch	0.0	0.25	0.0	
lab*nch	0.0	0.0	0.25	

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	(1.0)
LAB*LAB	11.01	0.07	0.01	
LAB*Lab	11.01	0.07	0.01	
LAB*TCa	0.01	0.01	0.0	

relative CIELAB lab*

lab*lab	0.0	0.0	0.0	
lab*ch	0.0	1.0	0.0	
lab*nch	0.0	0.0	1.0	

standard and adapted CIELAB

lab*lab	0.0	0.0	0.0	
lab*ch	0.0	1.0	0.0	
lab*nch	0.0	0.0	1.0	

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	(1.0)
LAB*LAB	11.01	0.07	0.01	
LAB*Lab	11.01	0.07	0.01	
LAB*TCa	0.01	0.01	0.0	

relative CIELAB lab*

lab*lab	0.0	0.0	0.0	
lab*ch	0.0	1.0	0.0	
lab*nch	0.0	0.0	1.0	

standard and adapted CIELAB

lab*lab	0.0	0.0	0.0	
lab*ch	0.0	1.0	0.0	
lab*nch	0.0	0.0	1.0	

NRS11; adaptierte CIELAB-Daten

$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
RMa	53.2	77.06	34.32	84.36
JMa	53.2	-1.51	84.38	84.39
GMa	53.2	-82.27	18.98	84.44
G50BMa	53.2	-77.72	-32.98	84.44
BMa	53.2	4.37	-84.28	84.41
B50RMa	53.2	69.09	-48.41	84.37
NMa	10.99	0.0	0.0	0.0
WMa	95.41	0.0	0.0	0.0
RCIE	39.92	58.69	27.98	65.01
JCIE	81.26	-2.9	71.56	71.62
GCIE	52.23	-42.45	13.59	44.59
BCIE	30.57	1.35	-46.48	46.51

%Regularität

 $g^*_{H,rel} = 47$ $g^*_{C,rel} = 100$

relative Inform. Technology (IT)

olvi3*	1.0	0.514	0.5	(1.0)
cmyn3*	0.0	0.486	0.5	(0.0)
olvi4*	1.0	0.514	0.5	(1.0)
cmyn4*	0.0	0.486	0.5	(0.0)
LAB*LAB	74.31	37.44	17.85	
LAB*Lab	74.31	37.44	17.85	
LAB*TCa	75.00	41.47	25.49	

relative CIELAB lab*

lab*lab	0.75	0.451	0.215	
lab*ch	0.0	0.75	0.0	
lab*nch	0.0	0.0	0.75	

standard and adapted CIELAB

lab*lab	0.75	0.451	0.215	
lab*ch	0.0	0.75	0.0	
lab*nch	0.0	0.0	0.75	

relative Inform. Technology (IT)

olvi3*	0.75	0.264	0.25	(1.0)
cmyn3*	0.25	0.736	0.75	(0.0)
olvi4*	1.0	0.514	0.5	(1.0)
cmyn4*	0.0	0.486	0.5	(0.0)
LAB*LAB	53.2	37.49	17.85	
LAB*Lab	53.2	37.49	17.85	
LAB*TCa	50.00	41.48	25.49	

relative CIELAB lab*

lab*lab	0.5	0.451	0.215	
lab*ch	0.0	0.5	0.0	
lab*nch	0.0	0.0	0.5	

standard and adapted CIELAB

lab*lab	0.5	0.451	0.215	
lab*ch	0.0	0.5	0.0	
lab*nch	0.0	0.0	0.5	

relative Inform. Technology (IT)

olvi3*	0.5	0.014	0.0	(1.0)
cmyn3*	0.5	0.986	1.0	(0.0)
olvi4*	1.0	0.514	0.5	(1.0)
cmyn4*	0.0	0.486	0.5	(0.0)
LAB*LAB	32.1	37.51	17.86	
LAB*Lab	32.1	37.51	17.86	
LAB*TCa	25.01	41.48	25.49	

relative CIELAB lab*

lab*lab	0.25	0.451	0.215	
lab*ch	0.0	0.25	0.0	
lab*nch	0.0	0.0	0.25	

standard and adapted CIELAB

lab*lab	0.25	0.451	0.215	
lab*ch	0.0	0.25	0.0	
lab*nch	0.0	0.0	0.25	

relative Inform. Technology (IT)

olvi3*	0.25	0.009	0.0	(1.0)
cmyn3*	0.75	0.993	1.0	(0.0)
olvi4*	1.0	0.514	0.5	(1.0)
cmyn4*	0.0	0.486	0.5	(0.0)
LAB*LAB	21.55	18.79	8.94	
LAB*Lab	21.55	18.79	8.94	
LAB*TCa	12.51	20.74	25.47	

relative CIELAB lab*

lab*lab	0.125	0.226	0.107	
lab*ch	0.0	0.125	0.0	
lab*nch	0.0	0.0	0.125	

 $n^* = 0.00$ $n^* = 0.25$ $n^* = 0.50$ $n^* = 0.75$ $n^* = 1.00$ $n^* = 1.25$ $n^* = 1.50$ $n^* = 1.75$ $n^* = 2.00$ $n^* = 2.25$ $n^* = 2.50$ $n^* = 2.75$ $n^* = 3.00$ $n^* = 3.25$ $n^* = 3.50$ $n^* = 3.75$ $n^* = 4.00$ $n^* = 4.25$ $n^* = 4.50$ $n^* = 4.75$ $n^* = 5.00$ $n^* = 5.25$ $n^* = 5.50$ $n^* = 5.75$ $n^* = 6.00$ $n^* = 6.25$ $n^* = 6.50$ $n^* = 6.75$ $n^* = 7.00$ $n^* = 7.25$ $n^* = 7.50$ $n^* = 7.75$ $n^* = 8.00$ $n^* = 8.25$ $n^* = 8.50$ $n^* = 8.75$ $n^* = 9.00$ $n^* = 9.25$ $n^* = 9.50$ $n^* = 9.75$ $n^* = 10.00$ $n^* = 10.25$ $n^* = 10.50$ $n^* = 10.75$ $n^* = 11.00$ $n^* = 11.25$ $n^* = 11.50$ $n^* = 11.75$ $n^* = 12.00$ $n^* = 12.25$ $n^* = 12.50$ $n^* = 12.75$ $n^* = 13.00$ $n^* = 13.25$ $n^* = 13.50$ $n^* = 13.75$ $n^* = 14.00$ $n^* = 14.25$ $n^* = 14.50$ $n^* = 14.75$ $n^* = 15.00$ $n^* = 15.25$ $n^* = 15.50$ $n^* = 15.75$ $n^* = 16.00$ $n^* = 16.25$ $n^* = 16.50$ $n^* = 16.75$ $n^* = 17.00$ $n^* = 17.25$ $n^* = 17.50$ $n^* = 17.75$ $n^* = 18.00$ $n^* = 18.25$ $n^* = 18.50$ $n^* = 18.75$ $n^* = 19.00$ $n^* = 19.25$ $n^* = 19.50$ $n^* = 19.75$ $n^* = 20.00$ $n^* = 20.25$ $n^* = 20.50$ $n^* = 20.75$ $n^* = 21.00$

Eingabe: Farbmetrisches Reflexions-System NRS11

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

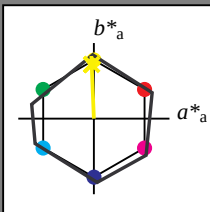
lab^*ch und lab^*nch

D65: Buntton J

LCH*Ma: 53 83 92

rgb*Ma: 0.98 1.0 0.0

Dreiecks-Helligkeit t^*



$u^*_{rel} = 119$

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*LABb 95.41 0.0 0.0

relative Inform. Technology (IT)
olvi3* 0.994 1.0 0.75 (1.0)
cmyn3* 0.006 0.0 0.25 (0.0)
olvi4* 0.994 1.0 0.75 (1.0)
cmyn4* 0.006 0.0 0.25 (0.0)
standard and adapted CIELAB
LAB*LAB 84.85 -0.81 20.72
LAB*LABa 84.85 -0.81 20.72
LAB*LABb 84.85 -0.81 20.72

relative Inform. Technology (IT)
olvi3* 0.989 1.0 0.5 (1.0)
cmyn3* 0.011 0.0 0.5 (0.0)
olvi4* 0.989 1.0 0.5 (1.0)
cmyn4* 0.011 0.0 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 74.3 -1.64 41.44
LAB*LABa 74.3 -1.64 41.44
LAB*LABb 74.3 -1.64 41.44

relative Inform. Technology (IT)
olvi3* 0.983 1.0 0.25 (1.0)
cmyn3* 0.017 0.0 0.25 (0.0)
olvi4* 0.983 1.0 0.25 (1.0)
cmyn4* 0.017 0.0 0.25 (0.0)
standard and adapted CIELAB
LAB*LAB 63.75 -2.48 62.16
LAB*LABa 63.75 -2.48 62.16
LAB*LABb 63.75 -2.48 62.16

relative Inform. Technology (IT)
olvi3* 0.977 1.0 0.0 (1.0)
cmyn3* 0.023 0.0 0.0 (0.0)
olvi4* 0.977 1.0 0.0 (1.0)
cmyn4* 0.023 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 53.2 -3.31 82.87
LAB*LABa 53.2 -3.31 82.87
LAB*LABb 53.2 -3.31 82.87

relative Inform. Technology (IT)
olvi3* 0.973 0.75 0.0 (1.0)
cmyn3* 0.026 0.25 0.0 (0.0)
olvi4* 0.973 0.75 0.0 (1.0)
cmyn4* 0.026 0.25 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 52.2 -1.63 41.45
LAB*LABa 52.2 -1.63 41.45
LAB*LABb 52.2 -1.63 41.45

relative Inform. Technology (IT)
olvi3* 0.969 0.5 0.0 (1.0)
cmyn3* 0.031 0.5 0.0 (0.0)
olvi4* 0.969 0.5 0.0 (1.0)
cmyn4* 0.031 0.5 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 50.0 -1.68 41.44
LAB*LABa 50.0 -1.68 41.44
LAB*LABb 50.0 -1.68 41.44

relative Inform. Technology (IT)
olvi3* 0.965 0.25 0.0 (1.0)
cmyn3* 0.035 0.25 0.0 (0.0)
olvi4* 0.965 0.25 0.0 (1.0)
cmyn4* 0.035 0.25 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 48.0 -1.62 41.45
LAB*LABa 48.0 -1.62 41.45
LAB*LABb 48.0 -1.62 41.45

relative Inform. Technology (IT)
olvi3* 0.961 0.0 0.0 (1.0)
cmyn3* 0.039 0.0 0.0 (0.0)
olvi4* 0.961 0.0 0.0 (1.0)
cmyn4* 0.039 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 46.0 -1.56 41.45
LAB*LABa 46.0 -1.56 41.45
LAB*LABb 46.0 -1.56 41.45

relative Inform. Technology (IT)
olvi3* 0.957 0.0 0.0 (1.0)
cmyn3* 0.043 0.0 0.0 (0.0)
olvi4* 0.957 0.0 0.0 (1.0)
cmyn4* 0.043 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 44.0 -1.50 41.45
LAB*LABa 44.0 -1.50 41.45
LAB*LABb 44.0 -1.50 41.45

relative Inform. Technology (IT)
olvi3* 0.953 0.0 0.0 (1.0)
cmyn3* 0.047 0.0 0.0 (0.0)
olvi4* 0.953 0.0 0.0 (1.0)
cmyn4* 0.047 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 42.0 -1.44 41.45
LAB*LABa 42.0 -1.44 41.45
LAB*LABb 42.0 -1.44 41.45

relative Inform. Technology (IT)
olvi3* 0.949 0.0 0.0 (1.0)
cmyn3* 0.051 0.0 0.0 (0.0)
olvi4* 0.949 0.0 0.0 (1.0)
cmyn4* 0.051 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 40.0 -1.38 41.45
LAB*LABa 40.0 -1.38 41.45
LAB*LABb 40.0 -1.38 41.45

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*LABb 74.31 0.02 0.0

relative Inform. Technology (IT)
olvi3* 0.744 0.75 0.5 (1.0)
cmyn3* 0.256 0.25 0.25 (0.0)
olvi4* 0.994 1.0 0.75 (1.0)
cmyn4* 0.006 0.0 0.25 (0.0)
standard and adapted CIELAB
LAB*LAB 63.75 -0.8 20.73
LAB*LABa 63.75 -0.8 20.73
LAB*LABb 63.75 -0.8 20.73

relative Inform. Technology (IT)
olvi3* 0.739 0.75 0.25 (1.0)
cmyn3* 0.261 0.25 0.75 (0.0)
olvi4* 0.989 1.0 0.5 (1.0)
cmyn4* 0.011 0.0 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 53.2 -1.63 41.45
LAB*LABa 53.2 -1.63 41.45
LAB*LABb 53.2 -1.63 41.45

relative Inform. Technology (IT)
olvi3* 0.733 0.75 0.0 (1.0)
cmyn3* 0.267 0.25 0.0 (0.0)
olvi4* 0.983 1.0 0.25 (1.0)
cmyn4* 0.017 0.0 0.25 (0.0)
standard and adapted CIELAB
LAB*LAB 52.2 -1.63 41.45
LAB*LABa 52.2 -1.63 41.45
LAB*LABb 52.2 -1.63 41.45

relative Inform. Technology (IT)
olvi3* 0.729 0.75 0.0 (1.0)
cmyn3* 0.271 0.25 0.0 (0.0)
olvi4* 0.977 1.0 0.0 (1.0)
cmyn4* 0.023 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 50.0 -1.68 41.44
LAB*LABa 50.0 -1.68 41.44
LAB*LABb 50.0 -1.68 41.44

relative Inform. Technology (IT)
olvi3* 0.725 0.75 0.0 (1.0)
cmyn3* 0.275 0.25 0.0 (0.0)
olvi4* 0.973 0.75 0.0 (1.0)
cmyn4* 0.026 0.25 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 48.0 -1.62 41.45
LAB*LABa 48.0 -1.62 41.45
LAB*LABb 48.0 -1.62 41.45

relative Inform. Technology (IT)
olvi3* 0.721 0.75 0.0 (1.0)
cmyn3* 0.279 0.25 0.0 (0.0)
olvi4* 0.969 0.5 0.0 (1.0)
cmyn4* 0.031 0.5 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 46.0 -1.56 41.45
LAB*LABa 46.0 -1.56 41.45
LAB*LABb 46.0 -1.56 41.45

relative Inform. Technology (IT)
olvi3* 0.717 0.75 0.0 (1.0)
cmyn3* 0.283 0.25 0.0 (0.0)
olvi4* 0.965 0.25 0.0 (1.0)
cmyn4* 0.035 0.25 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 44.0 -1.50 41.45
LAB*LABa 44.0 -1.50 41.45
LAB*LABb 44.0 -1.50 41.45

relative Inform. Technology (IT)
olvi3* 0.713 0.75 0.0 (1.0)
cmyn3* 0.287 0.25 0.0 (0.0)
olvi4* 0.961 0.0 0.0 (1.0)
cmyn4* 0.039 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 42.0 -1.44 41.45
LAB*LABa 42.0 -1.44 41.45
LAB*LABb 42.0 -1.44 41.45

relative Inform. Technology (IT)
olvi3* 0.709 0.75 0.0 (1.0)
cmyn3* 0.291 0.25 0.0 (0.0)
olvi4* 0.957 0.0 0.0 (1.0)
cmyn4* 0.043 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 40.0 -1.38 41.45
LAB*LABa 40.0 -1.38 41.45
LAB*LABb 40.0 -1.38 41.45

relative Inform. Technology (IT)
olvi3* 0.705 0.75 0.0 (1.0)
cmyn3* 0.295 0.25 0.0 (0.0)
olvi4* 0.953 0.0 0.0 (1.0)
cmyn4* 0.047 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 38.0 -1.32 41.45
LAB*LABa 38.0 -1.32 41.45
LAB*LABb 38.0 -1.32 41.45

relative Inform. Technology (IT)
olvi3* 0.701 0.75 0.0 (1.0)
cmyn3* 0.299 0.25 0.0 (0.0)
olvi4* 0.949 0.0 0.0 (1.0)
cmyn4* 0.051 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 36.0 -1.26 41.45
LAB*LABa 36.0 -1.26 41.45
LAB*LABb 36.0 -1.26 41.45

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 52.1 0.04 0.0
LAB*LABa 52.1 0.04 0.0
LAB*LABb 52.1 0.04 0.0

relative Inform. Technology (IT)
olvi3* 0.244 0.25 0.25 (1.0)
cmyn3* 0.756 0.75 0.0 (0.0)
olvi4* 0.994 1.0 0.75 (1.0)
cmyn4* 0.006 0.0 0.25 (0.0)
standard and adapted CIELAB
LAB*LAB 42.05 -0.83 20.73
LAB*LABa 42.05 -0.83 20.73
LAB*LABb 42.05 -0.83 20.73

relative Inform. Technology (IT)
olvi3* 0.239 0.25 0.25 (1.0)
cmyn3* 0.761 0.75 0.0 (0.0)
olvi4* 0.989 1.0 0.5 (1.0)
cmyn4* 0.011 0.0 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 32.1 -1.68 41.45
LAB*LABa 32.1 -1.68 41.45
LAB*LABb 32.1 -1.68 41.45

relative Inform. Technology (IT)
olvi3* 0.233 0.25 0.25 (1.0)
cmyn3* 0.767 0.75 0.0 (0.0)
olvi4* 0.983 1.0 0.25 (1.0)
cmyn4* 0.017 0.0 0.25 (0.0)
standard and adapted CIELAB
LAB*LAB 30.0 -1.62 41.45
LAB*LABa 30.0 -1.62 41.45
LAB*LABb 30.0 -1.62 41.45

relative Inform. Technology (IT)
olvi3* 0.229 0.25 0.25 (1.0)
cmyn3* 0.771 0.75 0.0 (0.0)
olvi4* 0.977 1.0 0.0 (1.0)
cmyn4* 0.023 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 28.0 -1.56 41.45
LAB*LABa 28.0 -1.56 41.45
LAB*LABb 28.0 -1.56 41.45

relative Inform. Technology (IT)
olvi3* 0.225 0.25 0.25 (1.0)
cmyn3* 0.775 0.75 0.0 (0.0)
olvi4* 0.973 0.75 0.0 (1.0)
cmyn4* 0.026 0.25 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 26.0 -1.50 41.45
LAB*LABa 26.0 -1.50 41.45
LAB*LABb 26.0 -1.50 41.45

relative Inform. Technology (IT)
olvi3* 0.221 0.25 0.25 (1.0)
cmyn3* 0.779 0.75 0.0 (0.0)
olvi4* 0.969 0.5 0.0 (1.0)
cmyn4* 0.031 0.5 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 24.0 -1.44 41.45
LAB*LABa 24.0 -1.44 41.45
LAB*LABb 24.0 -1.44 41.45

relative Inform. Technology (IT)
olvi3* 0.217 0.25 0.25 (1.0)
cmyn3* 0.783 0.75 0.0 (0.0)
olvi4* 0.965 0.25 0.0 (1.0)
cmyn4* 0.035 0.25 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 22.0 -1.38 41.45
LAB*LABa 22.0 -1.38 41.45
LAB*LABb 22.0 -1.38 41.45

relative Inform. Technology (IT)
olvi3* 0.213 0.25 0.25 (1.0)
cmyn3* 0.787 0.75 0.0 (0.0)
olvi4* 0.961 0.0 0.0 (1.0)
cmyn4* 0.039 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 20.0 -1.32 41.45
LAB*LABa 20.0 -1.32 41.45
LAB*LABb 20.0 -1.32 41.45

relative Inform. Technology (IT)
olvi3* 0.209 0.25 0.25 (1.0)
cmyn3* 0.791 0.75 0.0 (0.0)
olvi4* 0.957 0.0 0.0 (1.0)
cmyn4* 0.043 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 18.0 -1.26 41.45
LAB*LABa 18.0 -1.26 41.45
LAB*LABb 18.0 -1.26 41.45

relative Inform. Technology (IT)
olvi3* 0.205 0.25 0.25 (1.0)
cmyn3* 0.795 0.75 0.0 (0.0)
olvi4* 0.953 0.0 0.0 (1.0)
cmyn4* 0.047 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 16.0 -1.20 41.45
LAB*LABa 16.0 -1.20 41.45
LAB*LABb 16.0 -1.20 41.45

relative Inform. Technology (IT)
olvi3* 0.201 0.25 0.25 (1.0)
cmyn3* 0.799 0.75 0.0 (0.0)
olvi4* 0.949 0.0 0.0 (1.0)
cmyn4* 0.051 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 14.0 -1.14 41.45
LAB*LABa 14.0 -1.14 41.45
LAB*LABb 14.0 -1.14 41.45

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*LABb 11.01 0.07 0.01

relative Inform. Technology (IT)
olvi3* 0.244 0.25 0.25 (1.0)
cmyn3* 0.756 0.75 0.0 (0.0)
olvi4* 0.994 1.0 0.75 (1.0)
cmyn4* 0.006 0.0 0.25 (0.0)
standard and adapted CIELAB
LAB*LAB 21.55 -0.83 20.71
LAB*LABa 21.55 -0.83 20.71
LAB*LABb 21.55 -0.83 20.71

relative Inform. Technology (IT)
olvi3* 0.239 0.25 0.25 (1.0)
cmyn3* 0.761 0.75 0.0 (0.0)
olvi4* 0.989 1.0 0.5 (1.0)
cmyn4* 0.011 0.0 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 32.1 -1.68 41.45
LAB*LABa 32.1 -1.68 41.45
LAB*LABb 32.1 -1.68 41.45

relative Inform. Technology (IT)
olvi3* 0.233 0.25 0.25 (1.0)
cmyn3* 0.767 0.75 0.0 (0.0)
olvi4* 0.983 1.0 0.25 (1.0)
cmyn4* 0.017 0.0 0.25 (0.0)
standard and adapted CIELAB
LAB*LAB 30.0 -1.62 41.45
LAB*LABa 30.0 -1.62 41.45
LAB*LABb 30.0 -1.62 41.45

relative Inform. Technology (IT)
olvi3* 0.229 0.25 0.25 (1.0)
cmyn3* 0.771 0.75 0.0 (0.0)
olvi4* 0.977 1.0 0.0 (1.0)
cmyn4* 0.023 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 28.0 -1.56 41.45
LAB*LABa 28.0 -1.56 41.45
LAB*LABb 28.0 -1.56 41.45

relative Inform. Technology (IT)
olvi3* 0.225 0.25 0.25 (1.0)
cmyn3* 0.775 0.75 0.0 (0.0)
olvi4* 0.973 0.75 0.0 (1.0)
cmyn4* 0.026 0.25 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 26.0 -1.50 41.45
LAB*LABa 26.0 -1.50 41.45
LAB*LABb 26.0 -1.50 41.45

relative Inform. Technology (IT)
olvi3* 0.221 0.25 0.25 (1.0)
cmyn3* 0.779 0.75 0.0 (0.0)
olvi4* 0.969 0.5 0.0 (1.0)
cmyn4* 0.031 0.5 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 24.0 -1.44 41.45
LAB*LABa 24.0 -1.44 41.45
LAB*LABb 24.0 -1.44 41.45

relative Inform. Technology (IT)
olvi3* 0.217 0.25 0.25 (1.0)
cmyn3* 0.783 0.75 0.0 (0.0)
olvi4* 0.965 0.25 0.0 (1.0)
cmyn4* 0.035 0.25 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 22.0 -1.38 41.45
LAB*LABa 22.0 -1.38 41.45
LAB*LABb 22.0 -1.38 41.45

relative Inform. Technology (IT)
olvi3* 0.213 0.25 0.25 (1.0)
cmyn3* 0.787 0.75 0.0 (0.0)
olvi4* 0.961 0.0 0.0 (1.0)
cmyn4* 0.039 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 20.0 -1.32 41.45
LAB*LABa 20.0 -1.32 41.45
LAB*LABb 20.0 -1.32 41.45

relative Inform. Technology (IT)
olvi3* 0.209 0.25 0.25 (1.0)
cmyn3* 0.791 0.75 0.0 (0.0)
olvi4* 0.957 0.0 0.0 (1.0)
cmyn4* 0.043 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 18.0 -1.26 41.45
LAB*LABa 18.0 -1.26 41.45
LAB*LABb 18.0 -1.26 41.45

relative Inform. Technology (IT)
olvi3* 0.205 0.25 0.25 (1.0)
cmyn3* 0.795 0.75 0.0 (0.0)
olvi4* 0.953 0.0 0.0 (1.0)
cmyn4* 0.047 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 16.0 -1.20 41.45
LAB*LABa 16.0 -1.20 41.45
LAB*LABb 16.0 -1.20 41.45

relative Inform. Technology (IT)
olvi3* 0.201 0.25 0.25 (1.0)
cmyn3* 0.799 0.75 0.0 (0.0)
olvi4* 0.949 0.0 0.0 (1.0)
cmyn4* 0.051 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 14.0 -1.14 41.45
LAB*LABa 14.0 -1.14 41.45
LAB*LABb 14.0 -1.14 41.45

UG570-7, 5 stufige Reihen für konstanten CIELAB Buntton 92/360 = 0.256 (links)

5 stufige Reihen für konstanten CIELAB Buntton 92/360 = 0.255 (rechts)

BAM-Prüfvorlage UG57; Farbmetrik-Systeme ORS18 & ORS18input: cmy0* setcmykcolor

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

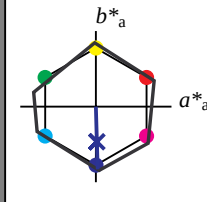
Eingabe: Farbmetrisches Reflexions-System NRS11

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

D65: Buntton B

LCH*Ma: 53 83 272

rgb*Ma: 0.0 0.02 1.0

Dreiecks-Helligkeit t^* 

%Umfang

 $u^*_{rel} = 119$

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*TCa	99.99	0.01	-	

relative CIELAB lab*

lab*lab	1.0	0.0	0.0	
lab*ch	0.0	1.0	0.0	
lab*nch	0.0	0.0	1.0	

relative Natural Colour (NC)

lab*lab	1.0	0.0	0.0	
lab*ch	0.0	1.0	0.0	
lab*nch	0.0	0.0	1.0	

relative 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*TCa	75.00	0.01	-	

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	

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	

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	53.21	0.04	0.0	
LAB*Lab	53.21	0.04	0.0	
LAB*TCa	50.00	0.01	-	

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	

relative Natural Colour (NC)

lab*lab	0.5	0.0	0.0	
lab*ch	0.0	0.5	0.0	
lab*nch	0.0	0.0	0.5	

relative Inform. Technology (IT)

olvi3*	0.25	0.25	0.25	(1.0)
cmyn3*	0.75	0.75	0.75	(0.0)
olvi4*	1.0	1.0	1.0	(1.0)
cmyn4*	0.0	0.0	0.0	(0.0)
LAB*LAB	32.11	0.07	0.01	
LAB*Lab	32.11	0.07	0.01	
LAB*TCa	25.00	0.01	-	

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	

relative Natural Colour (NC)

lab*lab	0.25	0.0	0.0	
lab*ch	0.0	0.25	0.0	
lab*nch	0.0	0.0	0.25	

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)
LAB*LAB	11.01	0.07	0.01	
LAB*Lab	11.01	0.07	0.01	
LAB*TCa	0.01	0.01	-	

relative CIELAB lab*

lab*lab	0.0	0.0	0.0	
lab*ch	0.0	0.0	0.0	
lab*nch	0.0	0.0	0.0	

relative Natural Colour (NC)

lab*lab	0.0	0.0	0.0	
lab*ch	0.0	0.0	0.0	
lab*nch	0.0	0.0	0.0	

NRS11; adaptierte CIELAB-Daten

	L*	a*	b*	C*	h*
RMa	53.2	77.06	34.32	84.36	24
JMa	53.2	-1.51	84.38	84.39	91
GMa	53.2	-82.27	18.98	84.44	167
G50BMa	53.2	-77.72	-32.98	84.44	203
BMa	53.2	4.37	-84.28	84.41	273
B50RMa	53.2	69.09	-48.41	84.37	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

 $g^*_{H,rel} = 47$ $g^*_{C,rel} = 100$

relative Inform. Technology (IT)

olvi3*	0.5	0.512	1.0	(1.0)
cmyn3*	0.5	0.488	0.0	(0.0)
olvi4*	0.5	0.512	1.0	(1.0)
cmyn4*	0.5	0.488	0.0	(0.0)
LAB*LAB	74.3	1.23	-41.51	
LAB*Lab	74.3	1.2	-41.52	
LAB*TCa	75.0	41.54	271.66	

relative CIELAB lab*

lab*lab	0.75	0.014	-0.499	
lab*ch	0.75	0.0	0.755	
lab*nch	0.0	0.75	0.755	

relative Natural Colour (NC)

lab*lab	0.75	0.0	-0.499	
lab*ch	0.75	0.0	0.755	
lab*nch	0.0	0.75	0.755	

relative Inform. Technology (IT)

olvi3*	0.25	0.262	0.75	(1.0)
cmyn3*	0.75	0.738	0.25	(0.0)
olvi4*	0.5	0.512	1.0	(1.0)
cmyn4*	0.5	0.488	0.0	(0.0)
LAB*LAB	53.2	1.25	-41.51	
LAB*Lab	53.2	1.21	-41.52	
LAB*TCa	50.0	41.55	271.66	

relative CIELAB lab*

lab*lab	0.5	0.015	-0.499	
lab*ch	0.5	0.0	0.755	
lab*nch	0.0	0.5	0.755	

relative Natural Colour (NC)

lab*lab	0.5	0.0	-0.499	
lab*ch	0.5	0.0	0.755	
lab*nch	0.0	0.5	0.755	

relative Inform. Technology (IT)

olvi3*	0.0	0.012	0.5	(1.0)
cmyn3*	1.0	0.988	0.0	(0.0)
olvi4*	0.5	0.512	1.0	(1.0)
cmyn4*	0.5	0.488	0.0	(0.0)
LAB*LAB	32.1	1.21	-41.52	
LAB*Lab	32.1	1.21	-41.52	
LAB*TCa	25.01	41.55	271.67	

relative CIELAB lab*

lab*lab	0.0	0.010	-0.499	
lab*ch	0.25	0.0	0.755	
lab*nch	0.0	0.25	0.755	

relative Natural Colour (NC)

lab*lab	0.0	0.0	-0.499	
lab*ch	0.25	0.0	0.755	
lab*nch	0.0	0.25	0.755	

relative Inform. Technology (IT)

olvi3*	0.25	0.268	1.0	(1.0)
cmyn3*	0.75	0.732	0.0	(0.0)
olvi4*	0.25	0.268	1.0	(1.0)
cmyn4*	0.75	0.732	0.0	(0.0)
LAB*LAB	63.75	1.84	-62.28	
LAB*Lab	63.75	1.81	-62.28	
LAB*TCa	62.5	62.32	271.66	

relative CIELAB lab*

lab*lab	0.625	0.02	-0.749	
lab*ch	0.625	0.75	0.755	
lab*nch	0.0	0.75	0.755	

relative Natural Colour (NC)

lab*lab	0.625	0.0	-0.749	
lab*ch	0.625	0.75	0.755	
lab*nch	0.0	0.75	0.755	

relative Inform. Technology (IT)

olvi3*	0.0	0.018	0.75	(1.0)
cmyn3*	1.0	0.976	0.0	(0.0)
olvi4*	0.0	0.024	1.0	(1.0)
cmyn4*	0.0	0.0	0.5	(0.0)
LAB*LAB	53.2	2.46	-83.04	
LAB*Lab	53.2	2.42	-83.05	
LAB*TCa	50.0	83.09	271.67	

relative CIELAB lab*

lab*lab	0.5	0.029	-0.998	
lab*ch	0.5	0.0	0.755	
lab*nch	0.0	0.5	0.755	

relative Natural Colour (NC)

lab*lab	0.5	0.0	-0.999	
lab*ch	0.5	0.0	0.755	
lab*nch	0.0	0.5	0.755	

relative Inform. Technology (IT)

olvi3*	0.25	0.25	0.25	(1.0)
cmyn3*	0.75	0.75	0.75	(0.0)
olvi4*	1.0	1.0	1.0	(1.0)
cmyn4*	0.0	0.0	0.0	(0.0)
LAB*LAB	29.37	0.13	-22.01	
LAB*Lab	29.37	0.13	-22.01	
LAB*TCa	25.01	22.36	271.41	

relative CIELAB lab*

lab*lab	0.25	0.0	0.0	
lab*ch	0.25	0.0	0.0	
lab*nch	0.0	0.25	0.0	

relative Natural Colour (NC)

lab*lab	0.25	0.0	0.0	
lab*ch	0.25	0.0	0.0	
lab*nch	0.0	0.25	0.0	

 $n^* = 0.00$ $n^* = 0.25$ $n^* = 0.50$ $n^* = 0.75$ $n^* = 1.00$ $n^* = 1.25$ $n^* = 1.50$ $n^* = 1.75$ $n^* = 2.00$ $n^* = 2.25$ $n^* = 2.50$ $n^* = 2.75$ $n^* = 3.00$ $n^* = 3.25$ $n^* = 3.50$ $n^* = 3.75$ $n^* = 4.00$ $n^* = 4.25$ $n^* = 4.50$ $n^* = 4.75$ $n^* = 5.00$ $n^* = 5.25$ $n^* = 5.50$ $n^* = 5.75$ $n^* = 6.00$ $n^* = 6.25$ $n^* = 6.50$ $n^* = 6.75$ $n^* = 7.00$ $n^* = 7.25$ $n^* = 7.50$ $n^* = 7.75$ $n^* = 8.00$ $n^* = 8.25$ $n^* = 8.50$ $n^* = 8.75$ $n^* = 9.00$ $n^* = 9.25$ $n^* = 9.50$ $n^* = 9.75$ $n^* = 10.00$ $n^* = 10.25$ $n^* = 10.50$ $n^* = 10.75$ $n^* = 11.00$ $n^* = 11.25$ $n^* = 11.50$ $n^* = 11.75$ $n^* = 12.00$ $n^* = 12.25$ $n^* = 12.50$ $n^* = 12.75$ $n^* = 13.00$ $n^* = 13.25$ $n^* = 13.50$ $n^* = 13.75$ $n^* = 14.00$ $n^* = 14.25$ $n^* = 14.50$ $n^* = 14.75$ $n^* = 15.00$ $n^* = 15.25$ $n^* = 15.50$ </