

Eingabe: Farbmetrisches Offset-Reflektiv-System ORS18

für Buntton $h^* = lab^*h = 38/360 = 0.105$

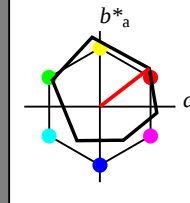
lab^*ch und lab^*nch

D65: Buntton O

LCH*Ma: 48 83 38

olv*Ma: 1.0 0.0 0.0

Dreiecks-Helligkeit t^*



%Umfang

$u_{rel} = 93$

relative Inform. Technology (IT)

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

relative Inform. Technology (IT)

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

relative Inform. Technology (IT)				
olv3*	0.75	0.5	0.5	(1.0)
cmyn3*	0.25	0.5	0.5	(0.0)
olv5*	1.0	0.25	0.75	(0.75)
cmyn4*	0.0	0.25	0.25	0.25
standard and adapted CIELAB				
LAB*LAB	64.19	15.96	15.28	
LAB*LABa	64.19	16.35	12.63	
LAB*TChA	62.5	20.66	37.69	
relative CIELAB lab*				
lab*lab	0.597	0.198	0.153	
lab*tech	0.625	0.25	0.105	
lab*inch	0.25	0.25	0.105	
relative Natural Colour (NC)				
lab*lrj	0.597	0.239	0.075	0.048

Eingabe: Farbmetrisches Offset-Reflektiv-System ORS18

für Buntton $h^* = lab^*h = 96/360 = 0.268$

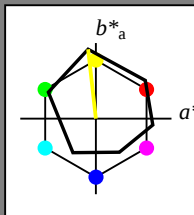
lab^*ch und lab^*nch

D65: Buntton Y

LCH*Ma: 90 92 96

olv*Ma: 1.0 1.0 0.0

Dreiecks-Helligkeit t^*



%Umfang

$u^*_{rel} = 93$

relative Inform. Technology (IT)
olv3* 1.0 1.0 1.0 (1.0)
cmyn3* 0.0 0.0 0.0 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 95.41 -0.98 47.5
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*ch 1.0 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 1.0 0.0 0.0
lab*trc 1.0 0.0 0.0
lab*ncc 0.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.75 0.75 0.75 (1.0)
cmyn3* 0.25 0.25 0.25 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 76.06 -0.61 3.44
LAB*LABa 76.06 0.0 0.0
LAB*LABb 76.06 0.0 0.0
LAB*LABc 76.06 0.0 0.0

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

relative Inform. Technology (IT)
olv3* 0.75 0.75 0.75 (1.0)
cmyn3* 0.25 0.25 0.25 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 56.71 -0.24 2.14
LAB*LABa 56.71 0.0 0.0
LAB*LABb 56.71 0.0 0.0
LAB*LABc 56.71 0.0 0.0

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

relative Inform. Technology (IT)
olv3* 0.75 0.75 0.75 (1.0)
cmyn3* 0.25 0.25 0.25 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 37.36 -0.38 0.63
LAB*LABa 37.36 0.0 0.0
LAB*LABb 37.36 0.0 0.0
LAB*LABc 37.36 0.0 0.0

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

relative Inform. Technology (IT)
olv3* 0.75 0.75 0.75 (1.0)
cmyn3* 0.25 0.25 0.25 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 18.02 0.0 0.0
LAB*LABa 18.02 0.0 0.0
LAB*LABb 18.02 0.0 0.0
LAB*LABc 18.02 0.0 0.0

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

relative Inform. Technology (IT)
olv3* 0.75 0.75 0.75 (1.0)
cmyn3* 0.25 0.25 0.25 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 9.01 0.0 0.0
LAB*LABa 9.01 0.0 0.0
LAB*LABb 9.01 0.0 0.0
LAB*LABc 9.01 0.0 0.0

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

relative Inform. Technology (IT)
olv3* 0.75 0.75 0.75 (1.0)
cmyn3* 0.25 0.25 0.25 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 4.19 0.0 0.0
LAB*LABa 4.19 0.0 0.0
LAB*LABb 4.19 0.0 0.0
LAB*LABc 4.19 0.0 0.0

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

relative Inform. Technology (IT)
olv3* 0.75 0.75 0.75 (1.0)
cmyn3* 0.25 0.25 0.25 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 2.34 0.0 0.0
LAB*LABa 2.34 0.0 0.0
LAB*LABb 2.34 0.0 0.0
LAB*LABc 2.34 0.0 0.0

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

relative Inform. Technology (IT)
olv3* 0.75 0.75 0.75 (1.0)
cmyn3* 0.25 0.25 0.25 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 1.25 0.0 0.0
LAB*LABa 1.25 0.0 0.0
LAB*LABb 1.25 0.0 0.0
LAB*LABc 1.25 0.0 0.0

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

relative Inform. Technology (IT)
olv3* 0.75 0.75 0.75 (1.0)
cmyn3* 0.25 0.25 0.25 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 0.63 0.0 0.0
LAB*LABa 0.63 0.0 0.0
LAB*LABb 0.63 0.0 0.0
LAB*LABc 0.63 0.0 0.0

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

relative Inform. Technology (IT)
olv3* 0.75 0.75 0.75 (1.0)
cmyn3* 0.25 0.25 0.25 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 0.31 0.0 0.0
LAB*LABa 0.31 0.0 0.0
LAB*LABb 0.31 0.0 0.0
LAB*LABc 0.31 0.0 0.0

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

ORS18; adaptierte CIELAB-Daten

	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	65.39	50.52	82.63	38
Y _{Ma}	90.37	-10.26	91.75	92.32	96
L _{Ma}	50.9	-62.83	34.96	71.91	151
C _{Ma}	58.62	-30.34	-45.01	54.3	236
V _{Ma}	25.72	31.1	-44.4	54.22	305
M _{Ma}	48.13	75.28	-8.36	75.74	354
N _{Ma}	18.01	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
R _{CIE}	39.92	58.66	26.98	64.57	25
J _{CIE}	81.26	-2.16	67.76	67.79	92
G _{CIE}	52.23	-42.25	11.76	43.87	164
B _{CIE}	30.57	1.15	-46.84	46.86	271

%Regularität

$g^*_{H,rel} = 57$

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

relative Inform. Technology (IT)

olv3* 1.0 1.0 1.0 (1.0)
cmyn3* 0.0 0.0 0.0 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 92.88 -6.06 50.46
LAB*LABa 92.88 -6.06 50.46
LAB*LABb 92.88 -6.06 50.46
LAB*LABc 92.88 -6.06 50.46

relative CIELAB lab*
lab*lab 0.967 -0.055 4.97
lab*ch 0.75 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.967 -0.048 4.97
lab*trc 0.75 0.0 0.0
lab*ncc 0.0 0.0 0.0

relative Inform. Technology (IT)

olv3* 1.0 1.0 1.0 (1.0)
cmyn3* 0.0 0.0 0.0 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 91.62 -8.61 73.31
LAB*LABa 91.62 -8.61 73.31
LAB*LABb 91.62 -8.61 73.31
LAB*LABc 91.62 -8.61 73.31

relative CIELAB lab*
lab*lab 0.951 -0.082 7.45
lab*ch 0.625 0.75 0.268
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.951 -0.073 7.46
lab*trc 0.625 0.75 0.268
lab*ncc 0.0 0.0 0.0

relative Inform. Technology (IT)

olv3* 1.0 1.0 1.0 (1.0)
cmyn3* 0.0 0.0 0.0 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 90.36 -11.15 96.15
LAB*LABa 90.36 -11.15 96.15
LAB*LABb 90.36 -11.15 96.15
LAB*LABc 90.36 -11.15 96.15

relative CIELAB lab*
lab*lab 0.938 -0.11 9.94
lab*ch 0.5 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.938 -0.097 9.95
lab*trc 0.5 0.0 0.0
lab*ncc 0.0 0.0 0.0

relative Inform. Technology (IT)

olv3* 0.75 0.75 0.75 (1.0)
cmyn3* 0.25 0.25 0.25 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 73.54 -5.12 45.88
LAB*LABa 73.54 -5.12 45.88
LAB*LABb 73.54 -5.12 45.88
LAB*LABc 73.54 -5.12 45.88

relative CIELAB lab*
lab*lab 0.951 -0.082 7.45
lab*ch 0.625 0.75 0.268
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.951 -0.073 7.46
lab*trc 0.625 0.75 0.268
lab*ncc 0.0 0.0 0.0

relative Inform. Technology (IT)

olv3* 0.75 0.75 0.75 (1.0)
cmyn3* 0.25 0.25 0.25 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 72.28 -8.72 72.10
LAB*LABa 72.28 -8.72 72.10
LAB*LABb 72.28 -8.72 72.10
LAB*LABc 72.28 -8.72 72.10

relative CIELAB lab*
lab*lab 0.701 -0.087 4.97
lab*ch 0.375 0.75 0.268
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.701 -0.073 4.98
lab*trc 0.375 0.75 0.268
lab*ncc 0.0 0.0 0.0

relative Inform. Technology (IT)

olv3* 0.75 0.75 0.75 (1.0)
cmyn3* 0.25 0.25 0.25 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 50.92 -1.25 91.73
LAB*LABa 50.92 -1.25 91.73
LAB*LABb 50.92 -1.25 91.73
LAB*LABc 50.92 -1.25 91.73

relative CIELAB lab*
lab*lab 0.938 -0.11 9.94
lab*ch 0.5 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.938 -0.097 9.95
lab*trc 0.5 0.0 0.0
lab*ncc 0.0 0.0 0.0

relative Inform. Technology (IT)

olv3* 0.5 0.5 0.5 (1.0)
cmyn3* 0.5 0.5 0.5 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 49.19 -2.34 45.88
LAB*LABa 49.19 -2.34 45.88
LAB*LABb 49.19 -2.34 45.88
LAB*LABc 49.19 -2.34 45.88

relative CIELAB lab*
lab*lab 0.701 -0.087 4.97
lab*ch 0.375 0.75 0.268
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.701 -0.073 4.98
lab*trc 0.375 0.75 0.268
lab*ncc 0.0 0.0 0.0

relative Inform. Technology (IT)

olv3* 0.5 0.5 0.5 (1.0)
cmyn3* 0.5 0.5 0.5 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 47.94 -1.25 91.73
LAB*LABa 47.94 -1.25 91.73
LAB*LABb 47.94 -1.25 91.73
LAB*LABc 47.94 -1.25 91.73

relative CIELAB lab*
lab*lab 0.701 -0.087 4.97
lab*ch 0.375 0.75 0.268
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.701 -0.073 4.98
lab*trc 0.375 0.75 0.268
lab*ncc 0.0 0.0 0.0

relative Inform. Technology (IT)

olv3* 0.5 0.5 0.5 (1.0)
cmyn3* 0.5 0.5 0.5 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 45.88 -1.25 91.73
LAB*LABa 45.88 -1.25 91.73
LAB*LABb 45.88 -1.25 91.73
LAB*LABc 45.88 -1.25 91.73

relative CIELAB lab*
lab*lab 0.701 -0.087 4.97
lab*ch 0.375 0.75 0.268
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.701 -0.073 4.98
lab*trc 0.375 0.75 0.268
lab*ncc 0.0 0.0 0.0

relative Inform. Technology (IT)

olv3* 0.25 0.25 0.25 (1.0)
cmyn3* 0.75 0.75 0.75 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 36.14 -2.36 22.93
LAB*LABa 36.14 -2.36 22.93
LAB*LABb 36.14 -2.36 22.93
LAB*LABc 36.14 -2.36 22.93

relative CIELAB lab*
lab*lab 0.484 -0.082 7.45
lab*ch 0.375 0.75 0.268
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.484 -0.073 7.46
lab*trc 0.375 0.75 0.268
lab*ncc 0.0 0.0 0.0

relative Inform. Technology (IT)

olv3* 0.25 0.25 0.25 (1.0)
cmyn3* 0.75 0.75 0.75 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 34.19 -2.36 22.93
LAB*LABa 34.19 -2.36 22.93
LAB*LABb 34.19 -2.36 22.93
LAB*LABc 34.19 -2.36 22.93

relative CIELAB lab*
lab*lab 0.484 -0.082 7.45
lab*ch 0.375 0.75 0.268
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.484 -0.073 7.46
lab*trc 0.375 0.75 0.268
lab*ncc 0.0 0.0 0.0

relative Inform. Technology (IT)

olv3* 0.25 0.25 0.25 (1.0)
cmyn3* 0.75 0.75 0.75 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 32.14 -2.36 22.93
LAB*LABa 32.14 -2.36 22.93
LAB*LABb 32.14 -2.36 22.93
LAB*LABc 32.14 -2.36 22.93

relative CIELAB lab*
lab*lab 0.484 -0.082 7.45
lab*ch 0.375 0.75 0.268
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.484 -0.073 7.46
lab*trc 0.375 0.75 0.268
lab*ncc 0.0 0.0 0.0

relative Inform. Technology (IT)

olv3* 0.25 0.25 0.25 (1.0)
cmyn3* 0.75 0.75 0.75 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 30.14 -2.36 22.93
LAB*LABa 30.14 -2.36 22.93
LAB*LABb 30.14 -2.36 22.93
LAB*LABc 30.14 -2.36 22.93

relative CIELAB lab*
lab*lab 0.484 -0.082 7.45
lab*ch 0.375 0.75 0.268
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.484 -0.073 7.46
lab*trc 0.375 0.75 0.268
lab*ncc 0.0 0.0 0.0

relative Inform. Technology (IT)

olv3* 0.25 0.25 0.25 (1.0)
cmyn3* 0.75 0.75 0.75 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 28.14 -2.36 22.93
LAB*LABa 28.14 -2.36 22.93
LAB*LABb 28.14 -2.36 22.93
LAB*LABc 28.14 -2.36 22.93

relative CIELAB lab*
lab*lab 0.484 -0.082 7.45
lab*ch 0.375 0.75 0.268
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.484 -0.073 7.46
lab*trc 0.375 0.75 0.268
lab*ncc 0.0 0.0 0.0

relative Inform. Technology (IT)

olv3* 0.25 0.25 0.25 (1.0)
cmyn3* 0.75 0.75 0.75 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 26.14 -2.36 22.93
LAB*LABa 26.14 -2.36 22.93
LAB*LABb 26.14 -2.36 22.93
LAB*LABc 26.14 -2.36 22.93

relative CIELAB lab*
lab*lab 0.484 -0.082 7.45
lab*ch 0.375 0.75 0.268
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.484 -0.073 7.46
lab*trc 0.375 0.75 0.268
lab*ncc 0.0 0

Eingabe: Farbmetrisches Offset-Reflektiv-System ORS18

für Buntton $h^* = lab^*h = 151/360 = 0.419$

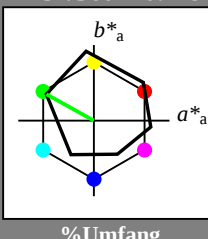
lab^*ch und lab^*nch

D65: Buntton L

LCH*Ma: 51 72 151

olv*Ma: 0.0 1.0 0.0

Dreiecks-Helligkeit t^*



relative Inform. Technology (IT)
olv3* 1.0 1.0 1.0 (1.0)
cmyn3* 0.0 0.0 0.0 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 95.41 -0.98 47.5
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*

relative Inform. Technology (IT)
olv3* 0.75 1.0 0.75 (1.0)
cmyn3* 0.25 0.0 0.25 (0.0)
olv4* 0.75 1.0 0.75 (1.0)
cmyn4* 0.25 0.0 0.25 (0.0)
standard and adapted CIELAB
LAB*LAB 84.28 -16.47 12.74
LAB*LABa 84.28 -15.69 8.74
LAB*LABb 84.28 -15.69 8.74
LAB*LABc 84.28 -15.69 8.74

relative Inform. Technology (IT)
olv3* 0.5 1.0 0.5 (1.0)
cmyn3* 0.5 0.0 0.5 (0.0)
olv4* 0.5 1.0 0.5 (1.0)
cmyn4* 0.5 0.0 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 73.15 -31.96 20.73
LAB*LABa 73.15 -31.96 20.73
LAB*LABb 73.15 -31.96 20.73
LAB*LABc 73.15 -31.96 20.73

relative Inform. Technology (IT)
olv3* 0.25 1.0 0.25 (1.0)
cmyn3* 0.25 0.0 0.25 (0.0)
olv4* 0.25 1.0 0.25 (1.0)
cmyn4* 0.25 0.0 0.25 (0.0)
standard and adapted CIELAB
LAB*LAB 62.02 -47.46 28.72
LAB*LABa 62.02 -47.46 28.72
LAB*LABb 62.02 -47.46 28.72
LAB*LABc 62.02 -47.46 28.72

relative Inform. Technology (IT)
olv3* 0.0 1.0 0.0 (1.0)
cmyn3* 0.0 0.0 1.0 (0.0)
olv4* 0.0 1.0 0.0 (1.0)
cmyn4* 0.0 0.0 1.0 (0.0)
standard and adapted CIELAB
LAB*LAB 50.9 -62.95 36.7
LAB*LABa 50.9 -62.95 36.7
LAB*LABb 50.9 -62.95 36.7
LAB*LABc 50.9 -62.95 36.7

relative Inform. Technology (IT)
olv3* 0.75 0.75 0.75 (1.0)
cmyn3* 0.25 0.25 0.25 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 76.06 -0.61 3.44
LAB*LABa 76.06 -0.61 3.44
LAB*LABb 76.06 -0.61 3.44
LAB*LABc 76.06 -0.61 3.44

relative Inform. Technology (IT)
olv3* 0.5 0.75 0.5 (1.0)
cmyn3* 0.5 0.25 0.5 (0.0)
olv4* 0.75 1.0 0.75 (1.0)
cmyn4* 0.25 0.0 0.25 (0.0)
standard and adapted CIELAB
LAB*LAB 64.93 -16.1 11.44
LAB*LABa 64.93 -16.1 11.44
LAB*LABb 64.93 -16.1 11.44
LAB*LABc 64.93 -16.1 11.44

relative Inform. Technology (IT)
olv3* 0.25 0.75 0.25 (1.0)
cmyn3* 0.25 0.25 0.25 (0.0)
olv4* 0.75 1.0 0.75 (1.0)
cmyn4* 0.25 0.0 0.25 (0.0)
standard and adapted CIELAB
LAB*LAB 53.81 -31.6 19.43
LAB*LABa 53.81 -31.6 19.43
LAB*LABb 53.81 -31.6 19.43
LAB*LABc 53.81 -31.6 19.43

relative Inform. Technology (IT)
olv3* 0.0 0.75 0.0 (1.0)
cmyn3* 0.0 0.0 0.75 (0.0)
olv4* 0.0 1.0 0.0 (1.0)
cmyn4* 0.0 0.0 1.0 (0.0)
standard and adapted CIELAB
LAB*LAB 33.81 -61.4 34.95
LAB*LABa 33.81 -61.4 34.95
LAB*LABb 33.81 -61.4 34.95
LAB*LABc 33.81 -61.4 34.95

relative Inform. Technology (IT)
olv3* 0.75 0.75 0.75 (1.0)
cmyn3* 0.25 0.25 0.25 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 50.9 -62.95 36.7
LAB*LABa 50.9 -62.95 36.7
LAB*LABb 50.9 -62.95 36.7
LAB*LABc 50.9 -62.95 36.7

relative Inform. Technology (IT)
olv3* 0.25 0.25 0.25 (1.0)
cmyn3* 0.75 0.75 0.75 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 56.71 -0.24 2.14
LAB*LABa 56.71 -0.24 2.14
LAB*LABb 56.71 -0.24 2.14
LAB*LABc 56.71 -0.24 2.14

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

relative Inform. Technology (IT)
olv3* 0.25 0.5 0.25 (1.0)
cmyn3* 0.25 0.25 0.25 (0.0)
olv4* 0.75 1.0 0.75 (1.0)
cmyn4* 0.25 0.0 0.25 (0.0)
standard and adapted CIELAB
LAB*LAB 45.58 -15.73 10.13
LAB*LABa 45.58 -15.73 10.13
LAB*LABb 45.58 -15.73 10.13
LAB*LABc 45.58 -15.73 10.13

relative Inform. Technology (IT)
olv3* 0.0 0.5 0.0 (1.0)
cmyn3* 0.0 0.0 0.5 (0.0)
olv4* 0.0 1.0 0.0 (1.0)
cmyn4* 0.0 0.0 1.0 (0.0)
standard and adapted CIELAB
LAB*LAB 33.81 -61.4 34.95
LAB*LABa 33.81 -61.4 34.95
LAB*LABb 33.81 -61.4 34.95
LAB*LABc 33.81 -61.4 34.95

relative Inform. Technology (IT)
olv3* 0.75 0.5 0.75 (1.0)
cmyn3* 0.25 0.25 0.25 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 50.9 -62.95 36.7
LAB*LABa 50.9 -62.95 36.7
LAB*LABb 50.9 -62.95 36.7
LAB*LABc 50.9 -62.95 36.7

relative Inform. Technology (IT)
olv3* 0.25 0.25 0.25 (1.0)
cmyn3* 0.75 0.75 0.75 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 37.36 -0.38 0.83
LAB*LABa 37.36 -0.38 0.83
LAB*LABb 37.36 -0.38 0.83
LAB*LABc 37.36 -0.38 0.83

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

relative Inform. Technology (IT)
olv3* 0.25 0.5 0.25 (1.0)
cmyn3* 0.25 0.25 0.25 (0.0)
olv4* 0.75 1.0 0.75 (1.0)
cmyn4* 0.25 0.0 0.25 (0.0)
standard and adapted CIELAB
LAB*LAB 45.58 -15.73 10.13
LAB*LABa 45.58 -15.73 10.13
LAB*LABb 45.58 -15.73 10.13
LAB*LABc 45.58 -15.73 10.13

relative Inform. Technology (IT)
olv3* 0.0 0.5 0.0 (1.0)
cmyn3* 0.0 0.0 0.5 (0.0)
olv4* 0.0 1.0 0.0 (1.0)
cmyn4* 0.0 0.0 1.0 (0.0)
standard and adapted CIELAB
LAB*LAB 33.81 -61.4 34.95
LAB*LABa 33.81 -61.4 34.95
LAB*LABb 33.81 -61.4 34.95
LAB*LABc 33.81 -61.4 34.95

relative Inform. Technology (IT)
olv3* 0.75 0.5 0.75 (1.0)
cmyn3* 0.25 0.25 0.25 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 50.9 -62.95 36.7
LAB*LABa 50.9 -62.95 36.7
LAB*LABb 50.9 -62.95 36.7
LAB*LABc 50.9 -62.95 36.7

relative Inform. Technology (IT)
olv3* 0.25 0.25 0.25 (1.0)
cmyn3* 0.75 0.75 0.75 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 37.36 -0.38 0.83
LAB*LABa 37.36 -0.38 0.83
LAB*LABb 37.36 -0.38 0.83
LAB*LABc 37.36 -0.38 0.83

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

relative Inform. Technology (IT)
olv3* 0.25 0.5 0.25 (1.0)
cmyn3* 0.25 0.25 0.25 (0.0)
olv4* 0.75 1.0 0.75 (1.0)
cmyn4* 0.25 0.0 0.25 (0.0)
standard and adapted CIELAB
LAB*LAB 45.58 -15.73 10.13
LAB*LABa 45.58 -15.73 10.13
LAB*LABb 45.58 -15.73 10.13
LAB*LABc 45.58 -15.73 10.13

relative Inform. Technology (IT)
olv3* 0.0 0.5 0.0 (1.0)
cmyn3* 0.0 0.0 0.5 (0.0)
olv4* 0.0 1.0 0.0 (1.0)
cmyn4* 0.0 0.0 1.0 (0.0)
standard and adapted CIELAB
LAB*LAB 33.81 -61.4 34.95
LAB*LABa 33.81 -61.4 34.95
LAB*LABb 33.81 -61.4 34.95
LAB*LABc 33.81 -61.4 34.95

relative Inform. Technology (IT)
olv3* 0.75 0.5 0.75 (1.0)
cmyn3* 0.25 0.25 0.25 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 50.9 -62.95 36.7
LAB*LABa 50.9 -62.95 36.7
LAB*LABb 50.9 -62.95 36.7
LAB*LABc 50.9 -62.95 36.7

relative Inform. Technology (IT)
olv3* 0.25 0.25 0.25 (1.0)
cmyn3* 0.75 0.75 0.75 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 37.36 -0.38 0.83
LAB*LABa 37.36 -0.38 0.83
LAB*LABb 37.36 -0.38 0.83
LAB*LABc 37.36 -0.38 0.83

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

relative Inform. Technology (IT)
olv3* 0.25 0.5 0.25 (1.0)
cmyn3* 0.25 0.25 0.25 (0.0)
olv4* 0.75 1.0 0.75 (1.0)
cmyn4* 0.25 0.0 0.25 (0.0)
standard and adapted CIELAB
LAB*LAB 45.58 -15.73 10.13
LAB*LABa 45.58 -15.73 10.13
LAB*LABb 45.58 -15.73 10.13
LAB*LABc 45.58 -15.73 10.13

relative Inform. Technology (IT)
olv3* 0.0 0.5 0.0 (1.0)
cmyn3* 0.0 0.0 0.5 (0.0)
olv4* 0.0 1.0 0.0 (1.0)
cmyn4* 0.0 0.0 1.0 (0.0)
standard and adapted CIELAB
LAB*LAB 33.81 -61.4 34.95
LAB*LABa 33.81 -61.4 34.95
LAB*LABb 33.81 -61.4 34.95
LAB*LABc 33.81 -61.4 34.95

relative Inform. Technology (IT)
olv3* 0.75 0.5 0.75 (1.0)
cmyn3* 0.25 0.25 0.25 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 50.9 -62.95 36.7
LAB*LABa 50.9 -62.95 36.7
LAB*LABb 50.9 -62.95 36.7
LAB*LABc 50.9 -62.95 36.7

relative Inform. Technology (IT)
olv3* 0.25 0.25 0.25 (1.0)
cmyn3* 0.75 0.75 0.75 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 37.36 -0.38 0.83
LAB*LABa 37.36 -0.38 0.83
LAB*LABb 37.36 -0.38 0.83
LAB*LABc 37.36 -0.38 0.83

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

relative Inform. Technology (IT)
olv3* 0.25 0.5 0.25 (1.0)
cmyn3* 0.25 0.25 0.25 (0.0)
olv4* 0.75 1.0 0.75 (1.0)
cmyn4* 0.25 0.0 0.25 (0.0)
standard and adapted CIELAB
LAB*LAB 45.58 -15.73 10.13
LAB*LABa 45.58 -15.73 10.13
LAB*LABb 45.58 -15.73 10.13
LAB*LABc 45.58 -15.73 10.13

relative Inform. Technology (IT)
olv3* 0.0 0.5 0.0 (1.0)
cmyn3* 0.0 0.0 0.5 (0.0)
olv4* 0.0 1.0 0.0 (1.0)
cmyn4* 0.0 0.0 1.0 (0.0)
standard and adapted CIELAB
LAB*LAB 33.81 -61.4 34.95
LAB*LABa 33.81 -61.4 34.95
LAB*LABb 33.81 -61.4 34.95
LAB*LABc 33.81 -61.4 34.95

relative Inform. Technology (IT)
olv3* 0.75 0.5 0.75 (1.0)
cmyn3* 0.25 0.25 0.25 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 50.9 -62.95 36.7
LAB*LABa 50.9 -62.95 36.7
LAB*LABb 50.9 -62.95 36.7
LAB*LABc 50.9 -62.95 36.7

NG510-7, 5 stufige Reihen für konstanten CIELAB Buntton 151/360 = 0.419 (links)

5 stufige Reihen für konstanten CIELAB Buntton 137/360 = 0.38 (rechts)

BAM-Prüfvorlage NG51; Farbmetrik-Systeme ORS18 & ORS18input: olv* setrgbcolor

D65: 2 Koordinatendaten; 5stufige Farbreihen für 10 Bunttöne output: Startup (S) data dependend

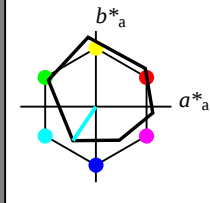
Eingabe: Farbmetrisches Offset-Reflektiv-System ORS18

für Buntton $h^* = lab^*h = 236/360 = 0.656$ lab^*ch und lab^*nch

D65: Buntton C

LCH*Ma: 59 54 236

olv*Ma: 0.0 1.0 1.0

Dreiecks-Helligkeit t^* 

%Umfang

 $u^*_{rel} = 93$

relative Inform. Technology (IT)

olv3* 1.0 1.0 1.0 (1.0)

cmv3* 0.0 0.0 0.0 (0.0)

olv4* 1.0 1.0 1.0 (1.0)

cmv4* 0.0 0.0 0.0 (0.0)

standard and adapted CIELAB

LAB*LAB 95.41 -0.98 47.5

LAB*LABa 95.41 0.0 0.0

LAB*LABb 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*ch 1.0 0.0 0.0

lab*nch 0.0 0.0 0.0

relative Inform. Technology (IT)

olv3* 0.75 0.75 0.75 (1.0)

cmv3* 0.25 0.25 0.25 (0.0)

olv4* 1.0 1.0 1.0 (1.0)

cmv4* 0.0 0.0 0.0 (0.0)

standard and adapted CIELAB

LAB*LAB 76.06 -0.61 3.44

LAB*LABa 76.06 0.0 0.0

LAB*LABb 75.00 0.01 0.0

relative CIELAB lab*

lab*lab 0.75 0.0 0.0

lab*ch 0.75 0.0 0.0

lab*nch 0.0 0.0 0.0

relative Natural Colour (NC)

lab*ch 0.75 0.0 0.0

lab*nch 0.0 0.0 0.0

relative Inform. Technology (IT)

olv3* 0.5 0.5 0.5 (0.0)

cmv3* 0.5 0.5 0.5 (0.0)

olv4* 1.0 1.0 1.0 (1.0)

cmv4* 0.0 0.0 0.0 (0.0)

standard and adapted CIELAB

LAB*LAB 56.71 -0.24 2.14

LAB*LABa 56.71 0.0 0.0

LAB*LABb 50.00 0.01 0.0

relative CIELAB lab*

lab*lab 0.5 0.0 0.0

lab*ch 0.5 0.0 0.0

lab*nch 0.0 0.0 0.0

relative Natural Colour (NC)

lab*ch 0.5 0.0 0.0

lab*nch 0.0 0.0 0.0

relative Inform. Technology (IT)

olv3* 0.25 0.25 0.25 (0.0)

cmv3* 0.75 0.75 0.75 (1.0)

olv4* 1.0 1.0 1.0 (1.0)

cmv4* 0.0 0.0 0.0 (0.0)

standard and adapted CIELAB

LAB*LAB 37.36 -0.03 0.63

LAB*LABa 37.36 0.0 0.0

LAB*LABb 25.00 0.01 0.0

relative CIELAB lab*

lab*lab 0.25 0.0 0.0

lab*ch 0.25 0.0 0.0

lab*nch 0.0 0.0 0.0

relative Natural Colour (NC)

lab*ch 0.25 0.0 0.0

lab*nch 0.0 0.0 0.0

relative Inform. Technology (IT)

olv3* 0.0 0.0 0.0 (1.0)

cmv3* 1.0 1.0 1.0 (0.0)

olv4* 1.0 1.0 1.0 (1.0)

cmv4* 0.0 0.0 0.0 (0.0)

standard and adapted CIELAB

LAB*LAB 18.02 0.0 0.47

LAB*LABa 18.02 0.0 0.0

LAB*LABb 0.01 0.01 0.0

relative CIELAB lab*

lab*lab 0.0 0.0 0.0

lab*ch 0.0 0.0 0.0

lab*nch 1.0 0.0 0.0

relative Natural Colour (NC)

lab*ch 0.0 0.0 0.0

lab*nch 1.0 0.0 0.0

relative Inform. Technology (IT)

olv3* 0.0 0.0 0.0 (1.0)

cmv3* 1.0 1.0 1.0 (0.0)

olv4* 1.0 1.0 1.0 (1.0)

cmv4* 0.0 0.0 0.0 (0.0)

standard and adapted CIELAB

LAB*LAB 18.02 0.0 0.47

LAB*LABa 18.02 0.0 0.0

LAB*LABb 0.01 0.01 0.0

relative CIELAB lab*

lab*lab 0.0 0.0 0.0

lab*ch 0.0 0.0 0.0

lab*nch 1.0 0.0 0.0

relative Natural Colour (NC)

lab*ch 0.0 0.0 0.0

lab*nch 1.0 0.0 0.0

relative Inform. Technology (IT)

olv3* 0.75 1.0 1.0 (1.0)

cmv3* 0.25 0.0 0.0 (0.0)

olv4* 0.75 1.0 1.0 (1.0)

cmv4* 0.25 0.0 0.0 (0.0)

standard and adapted CIELAB

LAB*LAB 86.21 -8.39 -7.1

LAB*LABa 86.21 -7.57 -11.24

LAB*LABb 87.5 13.57 236.02

relative CIELAB lab*

lab*lab 0.881 -0.139 -0.206

lab*ch 0.875 0.25 0.656

lab*nch 0.0 0.25 0.656

relative Natural Colour (NC)

lab*ch 0.881 -0.123 -0.216

lab*nch 0.875 0.25 0.656

relative Inform. Technology (IT)

olv3* 0.5 0.75 0.75 (1.0)

cmv3* 0.5 0.25 0.25 (0.0)

olv4* 0.75 1.0 1.0 (0.0)

cmv4* 0.5 0.0 0.0 (0.0)

standard and adapted CIELAB

LAB*LAB 66.86 -8.02 -8.42

LAB*LABa 66.86 -7.58 -11.25

LAB*LABb 62.5 13.57 236.02

relative CIELAB lab*

lab*lab 0.631 -0.139 -0.206

lab*ch 0.625 0.25 0.656

lab*nch 0.25 0.25 0.656

relative Natural Colour (NC)

lab*ch 0.631 -0.123 -0.216

lab*nch 0.625 0.25 0.656

relative Inform. Technology (IT)

olv3* 0.25 0.5 0.5 (0.0)

cmv3* 0.75 0.5 0.5 (0.0)

olv4* 0.75 1.0 1.0 (0.0)

cmv4* 0.25 0.0 0.0 (0.0)

standard and adapted CIELAB

LAB*LAB 47.51 -7.64 -9.72

LAB*LABa 47.51 -7.58 -11.25

LAB*LABb 37.5 13.57 236.02

relative CIELAB lab*

lab*lab 0.381 -0.139 -0.206

lab*ch 0.375 0.25 0.656

lab*nch 0.25 0.25 0.656

relative Natural Colour (NC)

lab*ch 0.381 -0.123 -0.216

lab*nch 0.375 0.25 0.656

relative Inform. Technology (IT)

olv3* 0.0 0.5 0.5 (1.0)

cmv3* 1.0 0.5 0.5 (0.0)

olv4* 0.75 1.0 1.0 (0.0)

cmv4* 0.25 0.0 0.0 (0.0)

standard and adapted CIELAB

LAB*LAB 28.17 -15.03 0.80

LAB*LABa 28.17 -7.57 -11.24

LAB*LABb 12.5 13.57 236.02

relative CIELAB lab*

lab*lab 0.131 -0.139 -0.206

lab*ch 0.125 0.25 0.656

lab*nch 0.25 0.25 0.656

relative Natural Colour (NC)

lab*ch 0.131 -0.123 -0.216

lab*nch 0.125 0.25 0.656

relative Inform. Technology (IT)

olv3* 0.0 0.0 0.0 (1.0)

cmv3* 1.0 0.75 0.75 (0.0)

olv4* 1.0 1.0 1.0 (1.0)

cmv4* 0.0 0.0 0.0 (0.0)

standard and adapted CIELAB

LAB*LAB 18.02 0.0 0.47

LAB*LABa 18.02 0.0 0.0

LAB*LABb 0.01 0.01 0.0

relative CIELAB lab*

lab*lab 0.0 0.0 0.0

lab*ch 0.0 0.0 0.0

lab*nch 1.0 0.0 0.0

relative Natural Colour (NC)

lab*ch 0.0 0.0 0.0

lab*nch 1.0 0.0 0.0

relative Inform. Technology (IT)

olv3* 0.0 0.0 0.0 (1.0)

cmv3* 1.0 1.0 1.0 (0.0)

olv4* 1.0 1.0 1.0 (1.0)

cmv4* 0.0 0.0 0.0 (0.0)

standard and adapted CIELAB

LAB*LAB 18.02 0.0 0.47

LAB*LABa 18.02 0.0 0.0

LAB*LABb 0.01 0.01 0.0

relative CIELAB lab*

lab*lab 0.0 0.0 0.0

lab*ch 0.0 0.0 0.0

lab*nch 1.0 0.0 0.0

relative Natural Colour (NC)

lab*ch 0.0 0.0 0.0

lab*nch 1.0 0.0 0.0

ORS18; adaptierte CIELAB-Daten

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	65.39	50.52	82.63	38
Y _{Ma}	90.37	-10.26	91.75	92.32	96
L _{Ma}	50.9	-62.83	34.96	71.91	151
C _{Ma}	58.62	-30.34	-45.01	54.3	236
V _{Ma}	25.72	31.1	-44.4	54.22	305
M _{Ma}	48.13	75.28	-8.36	75.74	354
N _{Ma}	18.01	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
R _{CIE}	39.92	58.66	26.98	64.57	25
J _{CIE}	81.26	-2.16	67.76	67.79	92
G _{CIE}	52.23	-42.25	11.76	43.87	164
B _{CIE}	30.57	1.15	-46.84	46.86	271

%Regularität

 $g^*_{H,rel} = 57$ $g^*_{C,rel} = 59$

relative Inform. Technology (IT)

olv3* 0.5 1.0 1.0 (1.0)

cmv3* 0.5 0.0 0.0 (0.0)

olv4* 0.5 1.0 1.0 (1.0)

cmv4* 0.5 0.0 0.0 (0.0)

standard and adapted CIELAB

LAB*LAB 77.01 -15.8 -19.98

LAB*LABa 77.01 -15.16 -22.5

LAB*LABb 75.0 27.14 236.02

relative CIELAB lab*

lab*lab 0.762 -0.278 -0.414

lab*ch 0.75 0.5 0.656

lab*nch 0.0 0.5 0.656

relative Natural Colour (NC)

lab*ch 0.762 -0.247 -0.433

lab*nch 0.75 0.5 0.656

relative Inform. Technology (IT)

olv3* 0.25 0.75 0.75 (1.0)

cmv3* 0.75 0.25 0.25 (0.0)

olv4* 0.5 1.0 1.0 (0.0)

cmv4* 0.5 0.0 0.0 (0.0)

standard and adapted CIELAB

LAB*LAB 57.67 -15.43 -20.29

LAB*LABa 57.67 -15.16 -22.5

LAB*LABb 50.0 27.14 236.02

relative CIELAB lab*

lab*lab 0.642 -0.418 -0.621

lab*ch 0.625 0.75 0.656

lab*nch 0.0 0.75 0.656

relative Natural Colour (NC)

lab*ch 0.642 -0.371 -0.65

lab*nch 0.625 0.75 0.656

relative Inform. Technology (IT)

olv3* 0.0 0.25 0.25 (0.0)

cmv3* 1.0 0.25 0.25 (0.0)

olv4* 0.25 1.0 1.0 (0.0)

cmv4* 0.0 0.25 0.25 (0.0)

standard and adapted CIELAB

LAB*LAB 48.41 -22.83 -32.17

LAB*LABa 48.41 -22.75 -35.73

LAB*LABb 37.51 40.72 236.02

relative CIELAB lab*

lab*lab 0.394 -0.418 -0.621

lab*ch 0.375 0.75 0.656

lab*nch 0.0 0.75 0.656

relative Natural Colour (NC)

lab*ch 0.394 -0.371 -0.65

lab*nch 0.375 0.75 0.656

relative Inform. Technology (IT)

olv3* 0.0 0.5 0.5 (1.0)

cmv3* 1.0 0.5 0.5 (0.0)

olv4* 0.5 1.0 1.0 (0.0)

cmv4* 0.0 0.5 0.5 (0.0)

standard and adapted CIELAB

LAB*LAB 38.32 -15.16 -22.5

LAB*LABa 38.32 -15.16 -22.5

LAB*LABb 25.01 27.14 236.02

relative CIELAB lab*

lab*lab 0.262 -0.278 -0.414

lab*ch 0.25 0.5 0.656

lab*nch 0.0 0.5 0.656

relative Natural Colour (NC)

lab*ch 0.262 -0.247 -0.433

lab*nch 0.25 0.5 0.656

relative Inform. Technology (IT)

olv3* 0.0 0.0 0.0 (1.0)

cmv3* 1.0 0.75 0.75 (0.0)

olv4* 1.0 1.0 1.0 (1.0)

cmv4* 0.0 0.0 0.0 (0.0)

standard and adapted CIELAB

LAB*LAB 18.02 0.0 0.47

LAB*LABa 18.02 0.0 0.0

LAB*LABb 0.01 0.01 0.0

relative CIELAB lab*

lab*lab 0.0 0.0 0.0

lab*ch 0.0 0.0 0.0

lab*nch 1.0 0.0 0.0

relative Natural Colour (NC)

lab*ch 0.0 0.0 0.0

lab*nch 1.0 0.0 0.0

 $n^* = 0.00$ $n^* = 0.25$ $n^* = 0.50$ relative Buntheit c^*

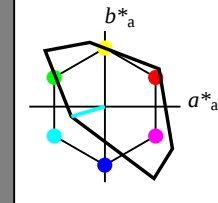
Ausgabe: Farbmetrisches Fernseh-Licht-System TLS18

für Buntton $h^* = lab^*h = 196/360 = 0.546$ lab^*ch und lab^*nch

D65: Buntton C

LCH*Ma: 87 46 196

olv*Ma: 0.0 1.0 1.0

Dreiecks-Helligkeit t^* 

%Umfang

 $u^*_{rel} = 118$

relative Inform. Technology (IT)

olv3* 1.0 1.0 1.0 (1.0)

cmv3* 0.0 0.0 0.0 (0.0)

olv4* 1.0 1.0 1.0 (1.0)

cmv4* 0.0 0.0 0.0 (0.0)

standard and adapted CIELAB

LAB*LAB 95.41 0.0 0.0

LAB*LABa 95.41 0.0 0.0

LAB*LABb 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*ch 1.0 0.0 0.0

lab*nch 0.0 0.0 0.0

relative Inform. Technology (IT)

olv3* 0.75 0.75 0.75 (1.0)

cmv3* 0.25 0.25 0.25 (0.0)

olv4* 1.0 1.0 1.0 (1.0)

cmv4* 0.0 0.0 0.0 (0.0)

standard and adapted CIELAB

LAB*LAB 76.07 0.0 0.0

LAB*LABa 76.07 0.0 0.0

LAB*LABb 75.00 0.01 0.0

relative CIELAB lab*

lab*lab 0.75 0.0 0.0

lab*ch 0.75 0.0 0.0

lab*nch 0.0 0.0 0.0

relative Natural Colour (NC)

lab*ch 0.75 0.0 0.0

lab*nch 0.0 0.0 0.0

relative Inform. Technology (IT)

olv3* 0.5 0.75 0.75 (1.0)

cmv3* 0.5 0.25 0.25 (0.0)

olv4* 0.75 1.0 1.0 (0.0)

cmv4* 0.5 0.0 0.0 (0.0)

standard and adapted CIELAB

LAB*LAB 67.81 -23.21 -30.86

LAB*LABa 67.81 -23.75 -33.75

LAB*LABb 62.5 40.72 236.02

relative CIELAB lab*

lab*lab 0.642 -0.418 -0.621

lab*ch 0.625 0.75 0.656

lab*nch 0.0 0.75 0.656

relative Natural Colour (NC)

lab*ch 0.642 -0.371 -0.65

lab*nch 0.625 0.75 0.656

relative Inform. Technology (IT)

olv3* 0.25 0.5 0.5 (0.0)

cmv3* 0.75 0.5 0.5 (0.0)

olv4* 0.5 1.0 1.0 (0.0)

cmv4* 0.25 0.0 0.0 (0.0)

standard and adapted CIELAB

LAB*LAB 56.72 0.0 0.0

LAB*LABa 56.72 0.0 0.0

LAB*LABb 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*ch 0.5 0.0 0.0

lab*nch 0.0 0.0 0.0

relative Inform. Technology (IT)

olv3* 0.0 0.25 0.25 (0.0)

cmv3* 1.0 0.25 0.25 (0.0)

olv4* 0.25 1.0 1.0 (0.0)

cmv4* 0.0 0.25 0.25 (0.0)

standard and adapted CIELAB

LAB*LAB 48.41 -22.83 -32.17

LAB*LABa 48.41 -22.75 -35.73

LAB*LABb 37.51 40.72 236.02

relative CIELAB lab*

lab*lab 0.394 -0.418 -0.621

lab*ch 0.375 0.75 0.656

lab*nch 0.0 0.75 0.656

relative Natural Colour (NC)

lab*ch 0.394 -0.371 -0.65

lab*nch 0.375 0.75 0.656

relative Inform. Technology (IT)

olv3* 0.0 0.5 0.5 (1.0)

cmv3* 1.0 0.5 0.5 (0.0)

olv4* 0.5 1.0 1.0 (0.0)

cmv4* 0.0 0.5 0.5 (0.0)

standard and adapted CIELAB

LAB*LAB 38.32 -15.16 -22.5

LAB*LABa 38.32 -15.16 -22.5

LAB*LABb 25.01 27.14 236.02

relative CIELAB lab*

lab*lab 0.262 -0.278 -0.414

lab*ch 0.25 0.5 0.656

lab*nch 0.0 0.5 0.656

relative Natural Colour (NC)

lab*ch 0.262 -0.247 -0.433

lab*nch 0.25 0.5 0.656

relative Inform. Technology (IT)

olv3* 0.0 0.0 0.0 (1.0)

cmv3* 1.0 1.0 1.0 (0.0)

olv4* 1.0 1.0 1.0 (1.0)

cmv4* 0.0 0.0 0.0 (0.0)

standard and adapted CIELAB

LAB*LAB 18.03 0.0 0.0

LAB*LABa 18.03 0.0 0.0

LAB*LABb 0.01 0.01 0.0

relative CIELAB lab*

lab*lab 0.0 0.0 0.0

lab*ch 0.0 0.0 0.0

lab*nch 1.0 0.0 0.0

relative Natural Colour (NC)

lab*ch 0.0 0.0 0.0

lab*nch 1.0 0.0 0.0

 $n^* = 1.0$

5 stufige Reihen für konstanten CIELAB Buntton 196/360 = 0.546 (rechts)

TLS18; adaptierte CIELAB-Daten

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	52.76	71.63	49.88	87.29	35
Y _{Ma}	92.74	-20.02	84.97	87.3	103
L _{Ma}	84.0	-78.98	73.94	108.2	137
C _{Ma}	87.14	-44.41	-13.11	46.32	196
V _{Ma}	35.47	64.92	-95.06	115.12	304
M _{Ma}	59.01	89.33	-55.67	105.26	328
N _{Ma}	18.01	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

Eingabe: Farbmetrisches Offset-Reflektiv-System ORS18

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

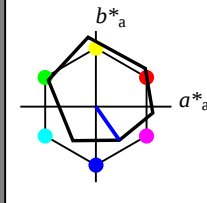
lab^*ch und lab^*nch

D65: Buntton V

LCH*Ma: 26 54 305

olv*Ma: 0.0 0.0 1.0

Dreiecks-Helligkeit t^*



%Umfang

$u^*_{rel} = 93$

relative Inform. Technology (IT)
olv3* 1.0 1.0 1.0 (1.0)
cmyn3* 0.0 0.0 0.0 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 95.41 -0.98 47.5
LAB*LAB 95.41 0.0 0.0
LAB*LAB 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*ce 1.0 0.0 0.0
lab*nce 0.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.75 0.75 0.75 (1.0)
cmyn3* 0.25 0.25 0.25 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 76.06 -0.61 3.44
LAB*LAB 76.06 0.0 0.0
LAB*LAB 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 0.25 0.25 0.25 (0.0)
relative Natural Colour (NC)
lab*tr 0.75 0.75 0.75 (1.0)
lab*ce 0.75 0.75 0.75 (1.0)
lab*nce 0.25 0.25 0.25 (0.0)

relative Inform. Technology (IT)
olv3* 0.25 0.25 0.25 (1.0)
cmyn3* 0.75 0.75 0.75 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 56.71 -0.24 2.14
LAB*LAB 56.71 0.0 0.0
LAB*LAB 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 0.75 0.75 0.75 (0.0)
relative Natural Colour (NC)
lab*tr 0.25 0.25 0.25 (1.0)
lab*ce 0.25 0.25 0.25 (1.0)
lab*nce 0.75 0.75 0.75 (0.0)

relative Inform. Technology (IT)
olv3* 0.25 0.25 0.25 (1.0)
cmyn3* 0.75 0.75 0.75 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 37.36 -0.37 0.63
LAB*LAB 37.36 0.0 0.0
LAB*LAB 25.00 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 0.75 0.75 0.75 (0.0)
relative Natural Colour (NC)
lab*tr 0.25 0.25 0.25 (1.0)
lab*ce 0.25 0.25 0.25 (1.0)
lab*nce 0.75 0.75 0.75 (0.0)

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 1.0 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 18.02 0.00 0.47
LAB*LAB 18.02 0.00 0.47
LAB*LAB 0.01 0.01 0.0

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

$n^* = 1.0$

ORS18; adaptierte CIELAB-Daten

	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	65.39	50.52	82.63	38
Y _{Ma}	90.37	-10.26	91.75	92.32	96
L _{Ma}	50.9	-62.83	34.96	71.91	151
C _{Ma}	58.62	-30.34	-45.01	54.3	236
V _{Ma}	25.72	31.1	-44.4	54.22	305
M _{Ma}	48.13	75.28	-8.36	75.74	354
N _{Ma}	18.01	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
R _{CIE}	39.92	58.66	26.98	64.57	25
J _{CIE}	81.26	-2.16	67.76	67.79	92
G _{CIE}	52.23	-42.25	11.76	43.87	164
B _{CIE}	30.57	1.15	-46.84	46.86	271

%Regularität

$g^*_{H,rel} = 57$

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

relative Inform. Technology (IT)
olv3* 0.5 0.5 0.5 (1.0)
cmyn3* 0.5 0.5 0.5 (0.0)
olv4* 0.5 0.5 0.5 (1.0)
cmyn4* 0.5 0.5 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 60.56 15.23 -19.79
LAB*LAB 60.56 15.23 -19.79
LAB*LAB 75.00 27.11 305.0

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 0.5 0.5 0.5 (0.0)
relative Natural Colour (NC)
lab*tr 0.5 0.5 0.5 (1.0)
lab*ce 0.5 0.5 0.5 (1.0)
lab*nce 0.5 0.5 0.5 (0.0)

relative Inform. Technology (IT)
olv3* 0.25 0.25 0.25 (1.0)
cmyn3* 0.75 0.75 0.75 (0.0)
olv4* 0.5 0.5 0.5 (1.0)
cmyn4* 0.5 0.5 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 41.22 15.56 -21.1
LAB*LAB 41.22 15.56 -21.1
LAB*LAB 50.00 27.11 305.0

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 0.75 0.75 0.75 (0.0)
relative Natural Colour (NC)
lab*tr 0.25 0.25 0.25 (1.0)
lab*ce 0.25 0.25 0.25 (1.0)
lab*nce 0.75 0.75 0.75 (0.0)

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 1.0 (0.0)
olv4* 0.5 0.5 0.5 (1.0)
cmyn4* 0.5 0.5 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 21.87 15.57 -22.19
LAB*LAB 21.87 15.57 -22.19
LAB*LAB 25.01 27.11 305.0

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

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 1.0 (0.0)
olv4* 0.5 0.5 0.5 (1.0)
cmyn4* 0.5 0.5 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 19.94 22.63 -11.43
LAB*LAB 19.94 22.63 -11.43
LAB*LAB 12.5 13.55 305.0

relative CIELAB lab*
lab*lab 0.0 0.0 0.0 (1.0)
lab*ch 0.125 0.125 0.125 (1.0)
lab*nch 0.75 0.75 0.75 (0.0)
relative Natural Colour (NC)
lab*tr 0.0 0.0 0.0 (1.0)
lab*ce 0.125 0.125 0.125 (1.0)
lab*nce 0.75 0.75 0.75 (0.0)

$n^* = 0.50$

relative Inform. Technology (IT)
olv3* 0.25 0.25 0.25 (1.0)
cmyn3* 0.75 0.75 0.75 (0.0)
olv4* 0.25 0.25 0.25 (1.0)
cmyn4* 0.75 0.75 0.75 (0.0)
standard and adapted CIELAB
LAB*LAB 43.14 23.34 -32.07
LAB*LAB 43.14 23.34 -32.07
LAB*LAB 62.5 40.66 305.0

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 0.75 0.75 0.75 (0.0)
relative Natural Colour (NC)
lab*tr 0.25 0.25 0.25 (1.0)
lab*ce 0.25 0.25 0.25 (1.0)
lab*nce 0.75 0.75 0.75 (0.0)

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 1.0 (0.0)
olv4* 0.0 0.0 0.0 (1.0)
cmyn4* 1.0 1.0 1.0 (0.0)
standard and adapted CIELAB
LAB*LAB 25.73 31.44 -44.34
LAB*LAB 25.73 31.44 -44.34
LAB*LAB 50.00 54.21 305.0

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

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

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

$n^* = 0.00$

relative Inform. Technology (IT)
olv3* 0.5 0.5 0.5 (1.0)
cmyn3* 0.5 0.5 0.5 (0.0)
olv4* 0.5 0.5 0.5 (1.0)
cmyn4* 0.5 0.5 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 56.72 0.0 0.0
LAB*LAB 56.72 0.0 0.0
LAB*LAB 50.00 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 0.5 0.5 0.5 (0.0)
relative Natural Colour (NC)
lab*tr 0.5 0.5 0.5 (1.0)
lab*ce 0.5 0.5 0.5 (1.0)
lab*nce 0.5 0.5 0.5 (0.0)

relative Inform. Technology (IT)
olv3* 0.25 0.25 0.25 (1.0)
cmyn3* 0.75 0.75 0.75 (0.0)
olv4* 0.25 0.25 0.25 (1.0)
cmyn4* 0.75 0.75 0.75 (0.0)
standard and adapted CIELAB
LAB*LAB 37.37 0.0 0.0
LAB*LAB 37.37 0.0 0.0
LAB*LAB 25.00 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 0.75 0.75 0.75 (0.0)
relative Natural Colour (NC)
lab*tr 0.25 0.25 0.25 (1.0)
lab*ce 0.25 0.25 0.25 (1.0)
lab*nce 0.75 0.75 0.75 (0.0)

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

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

$n^* = 0.25$

Ausgabe: Farbmetrisches Fernseh-Licht-System TLS18

für Buntton $h^* = lab^*h = 304/360 = 0.845$

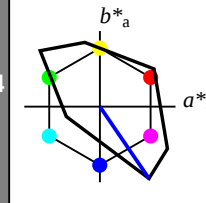
lab^*ch und lab^*nch

D65: Buntton V

LCH*Ma: 35 115 304

olv*Ma: 0.0 0.0 1.0

Dreiecks-Helligkeit t^*



%Umfang

$u^*_{rel} = 118$

relative Inform. Technology (IT)
olv3* 1.0 1.0 1.0 (1.0)
cmyn3* 0.0 0.0 0.0 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 95.41 0.0 0.0
LAB*LAB 95.41 0.0 0.0
LAB*LAB 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*ce 1.0 0.0 0.0
lab*nce 0.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.75 0.75 0.75 (1.0)
cmyn3* 0.25 0.25 0.25 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 76.07 0.0 0.0
LAB*LAB 76.07 0.0 0.0
LAB*LAB 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 0.25 0.25 0.25 (0.0)
relative Natural Colour (NC)
lab*tr 0.75 0.75 0.75 (1.0)
lab*ce 0.75 0.75 0.75 (1.0)
lab*nce 0.25 0.25 0.25 (0.0)

relative Inform. Technology (IT)
olv3* 0.25 0.25 0.25 (1.0)
cmyn3* 0.75 0.75 0.75 (0.0)
olv4* 0.25 0.25 0.25 (1.0)
cmyn4* 0.75 0.75 0.75 (0.0)
standard and adapted CIELAB
LAB*LAB 56.72 0.0 0.0
LAB*LAB 56.72 0.0 0.0
LAB*LAB 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 0.75 0.75 0.75 (0.0)
relative Natural Colour (NC)
lab*tr 0.25 0.25 0.25 (1.0)
lab*ce 0.25 0.25 0.25 (1.0)
lab*nce 0.75 0.75 0.75 (0.0)

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

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

relative Inform. Technology (IT)
olv3* 0.5 0.5 0.5 (1.0)
cmyn3* 0.5 0.5 0.5 (0.0)
olv4* 0.5 0.5 0.5 (1.0)
cmyn4* 0.5 0.5 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 60.56 15.23 -19.79
LAB*LAB 60.56 15.23 -19.79
LAB*LAB 75.00 27.11 305.0

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 0.5 0.5 0.5 (0.0)
relative Natural Colour (NC)
lab*tr 0.5 0.5 0.5 (1.0)
lab*ce 0.5 0.5 0.5 (1.0)
lab*nce 0.5 0.5 0.5 (0.0)

$n^* = 1.0$

TLS18; adaptierte CIELAB-Daten

	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	52.76	71.63	49.88	87.29	35
Y _{Ma}	92.74	-20.02	84.97	87.3	103
L _{Ma}	84.0	-78.98	73.94	108.2	137
C _{Ma}	87.14	-44.41	-13.11	46.32	196
V _{Ma}	35.47	64.92	-95.06	115.12	304
M _{Ma}	59.01	89.33	-55.67	105.26	328
N _{Ma}	18.01	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

%Regularität

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

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

relative Inform. Technology (IT)
olv3* 0.5 0.5 0.5 (1.0)
cmyn3* 0.5 0.5 0.5 (0.0)
olv4* 0.5 0.5 0.5 (1.0)
cmyn4* 0.5 0.5 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 65.44 32.45 -47.52
LAB*LAB 65.44 32.45 -47.52
LAB*LAB 75.00 27.11 304.33

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 0.5 0.5 0.5 (0.0)
relative Natural Colour (NC)
lab*tr 0.5 0.5 0.5 (1.0)
lab*ce 0.5 0.5 0.5 (1.0)
lab*nce 0.5 0.5 0.5 (0.0)

relative Inform. Technology (IT)
olv3* 0.25 0.25 0.25 (1.0)
cmyn3* 0.75 0.75 0.75 (0.0)
olv4* 0.25 0.25 0.25 (1.0)
cmyn4* 0.75 0.75 0.75 (0.0)
standard and adapted CIELAB
LAB*LAB 46.09 32.46 -47.53
LAB*LAB 46.09 32.46 -47.53
LAB*LAB 50.00 27.11 304.33

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 0.75 0.75 0.75 (0.0)
relative Natural Colour (NC)
lab*tr 0.25 0.25 0.25 (1.0)
lab*ce 0.25 0.25 0.25 (1.0)
lab*nce 0.75 0.75 0.75 (0.0)

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 1.0 (0.0)
olv4* 0.0 0.0 0.0 (1.0)
cmyn4* 1.0 1.0 1.0 (0.0)
standard and adapted CIELAB
LAB*LAB 26.75 32.45 -47.52
LAB*LAB 26.75 32.45 -47.52
LAB*LAB 25.01 27.11 304.33

relative CIELAB lab*
lab*lab 0.0 0.0 0.0 (1.0)
lab*ch 0.0 0.0 0.0 (1.0)
lab*nch 1.0 0.0 0.0
relative Natural Colour (NC)
lab*tr 0.0 0.

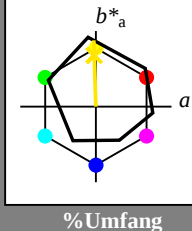
Eingabe: Farbmetrisches Offset-Reflektiv-System ORS18

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

D65: Buntton J

LCH*Ma: 86 88 92

olv*Ma: 1.0 0.9 0.0

Dreiecks-Helligkeit t^*  $u^*_{rel} = 93$

relative Inform. Technology (IT)

olv3* 1.0 1.0 1.0 (1.0)

cmyn3* 0.0 0.0 0.0 (0.0)

olv4* 1.0 1.0 1.0 (1.0)

cmyn4* 0.0 0.0 0.0 (0.0)

standard and adapted CIELAB

LAB*LAB 95.41 -0.98 47.5

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 1.0 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 1.0 0.0 0.0

standard and adapted CIELAB

LAB*LAB 76.06 -0.61 3.44

LAB*LAB 76.06 0.0 0.0

LAB*LAB 76.06 0.0 0.0

relative CIELAB lab*

lab*lab 0.75 0.75 0.75

lab*lab 0.75 0.75 0.75

lab*lab 0.75 0.75 0.75

relative Natural Colour (NC)

lab*lab 0.75 0.75 0.75

lab*lab 0.75 0.75 0.75

lab*lab 0.75 0.75 0.75

standard and adapted CIELAB

LAB*LAB 56.71 -0.24 2.14

LAB*LAB 56.71 0.0 0.0

LAB*LAB 56.71 0.0 0.0

relative CIELAB lab*

lab*lab 0.5 0.5 0.5

lab*lab 0.5 0.5 0.5

lab*lab 0.5 0.5 0.5

relative Inform. Technology (IT)

olv3* 1.0 0.975 0.75 (1.0)

cmyn3* 0.0 0.025 0.25 (0.0)

olv4* 1.0 0.975 0.75 (1.0)

cmyn4* 0.0 0.025 0.25 (0.0)

standard and adapted CIELAB

LAB*LAB 93.11 -1.64 26.52

LAB*LAB 93.11 -0.7 21.92

LAB*LAB 93.11 -0.7 21.92

relative CIELAB lab*

lab*lab 0.97 -0.007 0.25

lab*lab 0.875 0.25 0.25

lab*lab 0.875 0.25 0.25

relative Natural Colour (NC)

lab*lab 0.97 0.0 0.25

lab*lab 0.875 0.25 0.25

lab*lab 0.875 0.25 0.25

standard and adapted CIELAB

LAB*LAB 73.75 -1.27 25.22

LAB*LAB 73.75 -0.69 21.92

LAB*LAB 73.75 -0.69 21.92

relative CIELAB lab*

lab*lab 0.75 0.75 0.75

lab*lab 0.75 0.75 0.75

lab*lab 0.75 0.75 0.75

relative Natural Colour (NC)

lab*lab 0.75 0.75 0.75

lab*lab 0.75 0.75 0.75

lab*lab 0.75 0.75 0.75

standard and adapted CIELAB

LAB*LAB 56.71 -0.24 2.14

LAB*LAB 56.71 0.0 0.0

LAB*LAB 56.71 0.0 0.0

relative CIELAB lab*

lab*lab 0.5 0.5 0.5

ORS18; adaptierte CIELAB-Daten

 $L^*=L^*_a$ a^*_a b^*_a $C^*_{ab,a}$ $h^*_{ab,a}$ O_{Ma} 47.94 65.39 50.52 82.63 38Y_{Ma} 90.37 -10.26 91.75 92.32 96L_{Ma} 50.9 -62.83 34.96 71.91 151C_{Ma} 58.62 -30.34 -45.01 54.3 236V_{Ma} 25.72 31.1 -44.4 54.22 305M_{Ma} 48.13 75.28 -8.36 75.74 354N_{Ma} 18.01 0.0 0.0 0.0 0W_{Ma} 95.41 0.0 0.0 0.0 0R_{CIE} 39.92 58.66 26.98 64.57 25J_{CIE} 81.26 -2.16 67.76 67.79 92G_{CIE} 52.23 -42.25 11.76 43.87 164B_{CIE} 30.57 1.15 -46.84 46.86 271

%Regularität

 $g^*_{H,rel} = 57$ $g^*_{C,rel} = 59$

relative Inform. Technology (IT)

olv3* 1.0 0.975 0.75 (1.0)

cmyn3* 0.0 0.025 0.25 (0.0)

olv4* 1.0 0.975 0.75 (1.0)

cmyn4* 0.0 0.025 0.25 (0.0)

standard and adapted CIELAB

LAB*LAB 93.11 -1.64 26.52

LAB*LAB 93.11 -0.7 21.92

LAB*LAB 93.11 -0.7 21.92

relative CIELAB lab*

lab*lab 0.97 -0.007 0.25

lab*lab 0.875 0.25 0.25

lab*lab 0.875 0.25 0.25

relative Natural Colour (NC)

lab*lab 0.97 0.0 0.25

lab*lab 0.875 0.25 0.25

lab*lab 0.875 0.25 0.25

standard and adapted CIELAB

LAB*LAB 73.75 -1.27 25.22

LAB*LAB 73.75 -0.69 21.92

LAB*LAB 73.75 -0.69 21.92

relative CIELAB lab*

lab*lab 0.75 0.75 0.75

lab*lab 0.75 0.75 0.75

lab*lab 0.75 0.75 0.75

relative Natural Colour (NC)

lab*lab 0.75 0.75 0.75

lab*lab 0.75 0.75 0.75

lab*lab 0.75 0.75 0.75

standard and adapted CIELAB

LAB*LAB 56.71 -0.24 2.14

LAB*LAB 56.71 0.0 0.0

relative Inform. Technology (IT)

olv3* 1.0 0.926 0.25 (1.0)

cmyn3* 0.0 0.074 0.25 (0.0)

olv4* 1.0 0.926 0.25 (1.0)

cmyn4* 0.0 0.074 0.25 (0.0)

standard and adapted CIELAB

LAB*LAB 88.49 -2.96 70.05

LAB*LAB 88.49 -2.96 70.05

LAB*LAB 88.49 -2.96 70.05

relative CIELAB lab*

lab*lab 0.94 -0.015 0.5

lab*lab 0.75 0.25 0.25

lab*lab 0.75 0.25 0.25

relative Natural Colour (NC)

lab*lab 0.94 0.0 0.5

lab*lab 0.75 0.25 0.25

lab*lab 0.75 0.25 0.25

standard and adapted CIELAB

LAB*LAB 62.5 65.79 91.84

LAB*LAB 62.5 65.79 91.84

LAB*LAB 62.5 65.79 91.84

relative CIELAB lab*

lab*lab 0.911 0.0 0.75

lab*lab 0.625 0.75 0.25

lab*lab 0.625 0.75 0.25

relative Natural Colour (NC)

lab*lab 0.911 0.0 0.75

lab*lab 0.625 0.75 0.25

lab*lab 0.625 0.75 0.25

 $n^* = 0.00$ $n^* = 0.25$ $n^* = 0.50$ $n^* = 0.75$ $n^* = 1.0$ relative Buntheit c^* relative Buntheit c^* relative Buntheit c^* relative Buntheit c^* relative Buntheit c^* relative Buntheit c^* relative Buntheit c^* relative Buntheit c^* relative Buntheit c^* relative Buntheit c^* relative Buntheit c^* relative Buntheit c^* relative Buntheit c^* relative Buntheit c^*

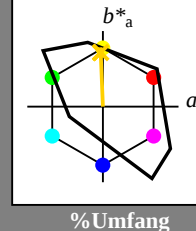
Ausgabe: Farbmetrisches Fernseh-Licht-System TLS18

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

D65: Buntton J

LCH*Ma: 85 79 92

olv*Ma: 1.0 0.82 0.0

Dreiecks-Helligkeit t^*  $u^*_{rel} = 118$

relative Inform. Technology (IT)

olv3* 1.0 1.0 1.0 (1.0)

cmyn3* 0.0 0.0 0.0 (0.0)

olv4* 1.0 1.0 1.0 (1.0)

cmyn4* 0.0 0.0 0.0 (0.0)

standard and adapted CIELAB

LAB*LAB 95.41 -0.98 47.5

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 1.0 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 1.0 0.0 0.0

standard and adapted CIELAB

LAB*LAB 76.06 -0.61 3.44

LAB*LAB 76.06 0.0 0.0

LAB*LAB 76.06 0.0 0.0

relative CIELAB lab*

lab*lab 0.75 0.75 0.75

lab*lab 0.75 0.75 0.75

lab*lab 0.75 0.75 0.75

relative Natural Colour (NC)

lab*lab 0.75 0.75 0.75

lab*lab 0.75 0.75 0.75

lab*lab 0.75 0.75 0.75

standard and adapted CIELAB

LAB*LAB 56.71 -0.24 2.14

LAB*LAB 56.71 0.0 0.0

LAB*LAB 56.71 0.0 0.0

relative CIELAB lab*

lab*lab 0.5 0.5 0.5

lab*lab 0.5 0.5 0.5

lab*lab 0.5 0.5 0.5

relative Natural Colour (NC)

lab*lab 0.5 0.5 0.5

relative Inform. Technology (IT)

olv3* 1.0 0.954 0.75 (1.0)

cmyn3* 0.0 0.046 0.25 (0.0)

olv4* 1.0 0.954 0.75 (1.0)

cmyn4* 0.0 0.046 0.25 (0.0)

standard and adapted CIELAB

LAB*LAB 92.9 -0.79 19.62

LAB*LAB 92.9 -0.79 19.62

LAB*LAB 92.9 -0.79 19.62

relative CIELAB lab*

lab*lab 0.958 -0.009 0.25

lab*lab 0.875 0.25 0.25

lab*lab 0.875 0.25 0.25

relative Natural Colour (NC)

lab*lab 0.958 0.0 0.25

lab*lab 0.875 0.25 0.25

lab*lab 0.875 0.25 0.25

standard and adapted CIELAB

LAB*LAB 73.75 -1.27 25.22

LAB*LAB 73.75 -0.69 21.92

LAB*LAB 73.75 -0.69 21.92

relative CIELAB lab*

lab*lab 0.75 0.75 0.75

lab*lab 0.75 0.75 0.75

lab*lab 0.75 0.75 0.75

relative Natural Colour (NC)

lab*lab 0.75 0.75 0.75

lab*lab 0.75 0.75 0.75

lab*lab 0.75 0.75 0.75

standard and adapted CIELAB

LAB*LAB 56.71 -0.24 2.14

LAB*LAB 56.71 0.0 0.0

LAB*LAB 56.71 0.0 0.0

relative CIELAB lab*

lab*lab 0.5 0.5 0.5

relative Inform. Technology (IT)

olv3* 1.0 0.908 0.5 (1.0)

cmyn3* 0.0 0.092 0.5 (0.0)

olv4* 1.0 0.908 0.5 (1.0)

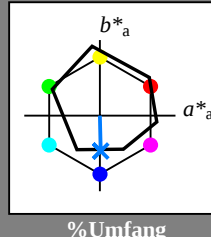
cmyn4* 0.0 0.092 0.5 (0.0)

C		M		Y		O		L		V
---	--	---	--	---	--	---	--	---	--	---

Eingabe: Farbmetrisches Offset-Reflektiv-System ORS18 für Buntton $h^* = lab^*h = 271/360 = 0.754$ lab^*ch und lab^*nch

D65: Buntton B
LCH*Ma: 42 45 271
olv*Ma: 0.0 0.49 1.0

Dreiecks-Helligkeit t^*



relative Inform. Technology (IT)
olv3* 1.0 1.0 1.0 (1.0)
cmyn3* 0.0 0.0 0.0 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 95.41 -0.98 4.75
LAB*LABa 95.41 0.0 0.0
LAB*LABb 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*lrj 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)
olv3* 0.75 0.75 0.75 (1.0)
cmyn3* 0.25 0.25 0.25 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 76.06 -0.61 3.44
LAB*LABa 76.06 0.0 0.0
LAB*LABb 75.00 0.01 0.0

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

relative Inform. Technology (IT)
olv3* 0.5 0.5 0.5 (0.0)
cmyn3* 0.5 0.5 0.5 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 56.71 -0.24 2.14
LAB*LABa 56.71 0.0 0.0
LAB*LABb 50.00 0.01 0.0

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

relative Inform. Technology (IT)
olv3* 0.25 0.25 0.25 (0.0)
cmyn3* 0.75 0.75 0.75 (1.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 37.36 -0.83 0.63
LAB*LABa 37.36 0.0 0.0
LAB*LABb 25.00 0.01 0.0

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

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 1.0 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 18.02 0.47 0.47
LAB*LABa 18.02 0.0 0.0
LAB*LABb 0.01 0.01 0.0

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

$n^* = 1.0$

ORS18; adaptierte CIELAB-Daten

	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	65.39	50.52	82.63	38
Y _{Ma}	90.37	-10.26	91.75	92.32	96
L _{Ma}	50.9	-62.83	34.96	71.91	151
C _{Ma}	58.62	-30.34	-45.01	54.3	236
V _{Ma}	25.72	31.1	-44.4	54.22	305
M _{Ma}	48.13	75.28	-8.36	75.74	354
N _{Ma}	18.01	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
R _{CIE}	39.92	58.66	26.98	64.57	25
J _{CIE}	81.26	-2.16	67.76	67.79	92
G _{CIE}	52.23	-42.25	11.76	43.87	164
B _{CIE}	30.57	1.15	-46.84	46.86	271

%Regularität

$g^*_{H,rel} = 57$

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

relative Inform. Technology (IT)
olv3* 0.5 0.5 0.5 (1.0)
cmyn3* 0.5 0.5 0.5 (0.0)
olv4* 0.5 0.5 0.5 (0.0)
cmyn4* 0.5 0.5 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 68.6 0.07 -19.39
LAB*LABa 68.6 0.5 -22.34
LAB*LABb 75.0 22.36 27.14

relative CIELAB lab*
lab*lab 0.654 0.012 -0.499
lab*ch 0.75 0.5 0.754
lab*nch 0.0 0.5 0.754
relative Natural Colour (NC)
lab*lrj 0.654 0.5 -0.499
lab*tc 0.75 0.5 0.754
lab*ncc 0.0 0.5 0.754

relative Inform. Technology (IT)
olv3* 0.25 0.25 0.25 (1.0)
cmyn3* 0.75 0.75 0.75 (0.0)
olv4* 0.5 0.5 0.5 (0.0)
cmyn4* 0.5 0.5 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 49.25 0.45 -20.7
LAB*LABa 49.25 0.5 -22.35
LAB*LABb 50.0 22.36 27.14

relative CIELAB lab*
lab*lab 0.48 0.018 -0.749
lab*ch 0.625 0.75 0.754
lab*nch 0.0 0.75 0.754
relative Natural Colour (NC)
lab*lrj 0.48 0.0 -0.749
lab*tc 0.625 0.75 0.754
lab*ncc 0.0 0.75 0.754

relative Inform. Technology (IT)
olv3* 0.0 0.368 0.75 (1.0)
cmyn3* 1.0 0.512 0.0 (0.0)
olv4* 0.0 0.488 1.0 0.5
cmyn4* 0.0 0.0 0.0 0.25
standard and adapted CIELAB
LAB*LAB 41.79 1.1 -44.68
LAB*LABa 41.79 1.1 -44.68
LAB*LABb 50.0 44.71 27.14

relative CIELAB lab*
lab*lab 0.307 0.025 -0.998
lab*ch 0.5 1.0 0.754
lab*nch 0.0 0.0 0.754
relative Natural Colour (NC)
lab*lrj 0.307 0.0 -0.999
lab*tc 0.5 1.0 0.754
lab*ncc 0.0 0.0 0.754

relative Inform. Technology (IT)
olv3* 0.0 0.244 0.5 (1.0)
cmyn3* 1.0 0.756 0.5 (0.0)
olv4* 0.5 0.744 1.0 0.75
cmyn4* 0.5 0.256 0.5 0.25
standard and adapted CIELAB
LAB*LAB 29.9 0.5 -22.34
LAB*LABa 29.9 0.5 -22.34
LAB*LABb 25.01 22.36 27.14

relative CIELAB lab*
lab*lab 0.154 0.012 -0.499
lab*ch 0.25 0.5 0.754
lab*nch 0.0 0.5 0.754
relative Natural Colour (NC)
lab*lrj 0.154 0.0 -0.499
lab*tc 0.25 0.5 0.754
lab*ncc 0.0 0.5 0.754

$n^* = 0.50$

relative Inform. Technology (IT)
olv3* 0.25 0.616 1.0 (1.0)
cmyn3* 0.75 0.384 0.0 (0.0)
olv4* 0.25 0.616 1.0 0.5
cmyn4* 0.75 0.384 0.0 0.25
standard and adapted CIELAB
LAB*LAB 55.19 0.61 -31.48
LAB*LABa 55.19 0.61 -31.48
LAB*LABb 62.5 33.54 27.14

relative CIELAB lab*
lab*lab 0.48 0.018 -0.749
lab*ch 0.625 0.75 0.754
lab*nch 0.0 0.75 0.754
relative Natural Colour (NC)
lab*lrj 0.48 0.0 -0.749
lab*tc 0.625 0.75 0.754
lab*ncc 0.0 0.75 0.754

relative Inform. Technology (IT)
olv3* 0.0 0.368 0.75 (1.0)
cmyn3* 1.0 0.512 0.0 (0.0)
olv4* 0.0 0.488 1.0 0.5
cmyn4* 0.0 0.0 0.0 0.25
standard and adapted CIELAB
LAB*LAB 41.79 1.1 -44.68
LAB*LABa 41.79 1.1 -44.68
LAB*LABb 50.0 44.71 27.14

relative CIELAB lab*
lab*lab 0.307 0.025 -0.998
lab*ch 0.5 1.0 0.754
lab*nch 0.0 0.0 0.754
relative Natural Colour (NC)
lab*lrj 0.307 0.0 -0.999
lab*tc 0.5 1.0 0.754
lab*ncc 0.0 0.0 0.754

relative Inform. Technology (IT)
olv3* 0.0 0.244 0.5 (1.0)
cmyn3* 1.0 0.756 0.5 (0.0)
olv4* 0.5 0.744 1.0 0.75
cmyn4* 0.5 0.256 0.5 0.25
standard and adapted CIELAB
LAB*LAB 29.9 0.5 -22.34
LAB*LABa 29.9 0.5 -22.34
LAB*LABb 25.01 22.36 27.14

relative CIELAB lab*
lab*lab 0.154 0.012 -0.499
lab*ch 0.25 0.5 0.754
lab*nch 0.0 0.5 0.754
relative Natural Colour (NC)
lab*lrj 0.154 0.0 -0.499
lab*tc 0.25 0.5 0.754
lab*ncc 0.0 0.5 0.754

$n^* = 0.25$

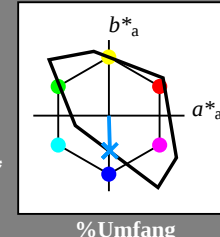
$n^* = 0.00$

relative Buntheit c^*

Ausgabe: Farbmetrisches Fernseh-Licht-System TLS18 für Buntton $h^* = lab^*h = 272/360 = 0.755$ lab^*ch und lab^*nch

D65: Buntton B
LCH*Ma: 65 48 272
olv*Ma: 0.0 0.58 1.0

Dreiecks-Helligkeit t^*



relative Inform. Technology (IT)
olv3* 1.0 1.0 1.0 (1.0)
cmyn3* 0.0 0.0 0.0 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 95.41 0.0 0.0
LAB*LABa 95.41 0.0 0.0
LAB*LABb 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*lrj 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)
olv3* 0.75 0.75 0.75 (1.0)
cmyn3* 0.25 0.25 0.25 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 76.07 0.0 0.0
LAB*LABa 76.07 0.0 0.0
LAB*LABb 75.00 0.01 0.0

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

relative Inform. Technology (IT)
olv3* 0.5 0.5 0.5 (0.0)
cmyn3* 0.5 0.5 0.5 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 56.72 0.0 0.0
LAB*LABa 56.72 0.0 0.0
LAB*LABb 50.00 0.01 0.0

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

relative Inform. Technology (IT)
olv3* 0.25 0.25 0.25 (1.0)
cmyn3* 0.75 0.75 0.75 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 37.37 0.0 0.0
LAB*LABa 37.37 0.0 0.0
LAB*LABb 25.00 0.01 0.0

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

relative Inform. Technology (IT)
olv3* 0.0 0.368 0.75 (1.0)
cmyn3* 1.0 0.512 0.0 (0.0)
olv4* 0.0 0.488 1.0 0.5
cmyn4* 0.0 0.0 0.0 0.25
standard and adapted CIELAB
LAB*LAB 41.79 1.1 -44.68
LAB*LABa 41.79 1.1 -44.68
LAB*LABb 50.0 44.71 27.14

relative CIELAB lab*
lab*lab 0.307 0.025 -0.998
lab*ch 0.5 1.0 0.754
lab*nch 0.0 0.0 0.754
relative Natural Colour (NC)
lab*lrj 0.307 0.0 -0.999
lab*tc 0.5 1.0 0.754
lab*ncc 0.0 0.0 0.754

$n^* = 0.00$

relative Inform. Technology (IT)
olv3* 0.0 0.368 0.75 (1.0)
cmyn3* 1.0 0.512 0.0 (0.0)
olv4* 0.0 0.488 1.0 0.5
cmyn4* 0.0 0.0 0.0 0.25
standard and adapted CIELAB
LAB*LAB 41.79 1.1 -44.68
LAB*LABa 41.79 1.1 -44.68
LAB*LABb 50.0 44.71 27.14

relative CIELAB lab*
lab*lab 0.307 0.025 -0.998
lab*ch 0.5 1.0 0.754
lab*nch 0.0 0.0 0.754
relative Natural Colour (NC)
lab*lrj 0.307 0.0 -0.999
lab*tc 0.5 1.0 0.754
lab*ncc 0.0 0.0 0.754

relative Inform. Technology (IT)
olv3* 0.0 0.244 0.5 (1.0)
cmyn3* 1.0 0.756 0.5 (0.0)
olv4* 0.5 0.744 1.0 0.75
cmyn4* 0.5 0.256 0.5 0.25
standard and adapted CIELAB
LAB*LAB 29.9 0.5 -22.34
LAB*LABa 29.9 0.5 -22.34
LAB*LABb 25.01 22.36 27.14

relative CIELAB lab*
lab*lab 0.154 0.012 -0.499
lab*ch 0.25 0.5 0.754
lab*nch 0.0 0.5 0.754
relative Natural Colour (NC)
lab*lrj 0.154 0.0 -0.499
lab*tc 0.25 0.5 0.754
lab*ncc 0.0 0.5 0.754

$n^* = 0.25$

$n^* = 0.50$

$n^* = 1.0$

$n^* = 1.0$

relative Inform. Technology (IT)
olv3* 0.5 0.645 0.75 (1.0)
cmyn3* 0.5 0.355 0.25 (0.0)
olv4* 0.75 0.895 1.0 0.75
cmyn4* 0.25 0.105 0.0 0.25
standard and adapted CIELAB
LAB*LAB 68.57 0.36 -11.86
LAB*LABa 68.57 0.36 -11.86
LAB*LABb 62.5 11.88 27.14

relative CIELAB lab*
lab*lab 0.5 0.355 0.25 (0.0)
lab*ch 0.625 0.25 0.755
lab*nch 0.25 0.25 0.755
relative Natural Colour (NC)
lab*lrj 0.5 0.355 0.25 (0.0)
lab*tc 0.625 0.25 0.755
lab*ncc 0.25 0.25 0.755

relative Inform. Technology (IT)
olv3* 0.25 0.54 0.75 (1.0)
cmyn3* 0.75 0.46 0.25 (0.0)
olv4* 0.5 0.79 1.0 0.75
cmyn4* 0.5 0.21 0.0 0.25
standard and adapted CIELAB
LAB*LAB 61.09 0.72 -23.74
LAB*LABa 61.09 0.72 -23.74
LAB*LABb 50.0 23.76 27.14

relative CIELAB lab*
lab*lab 0.25 0.46 0.25 (0.0)
lab*ch 0.5 0.755
lab*nch 0.25 0.25 0.755
relative Natural Colour (NC)
lab*lrj 0.25 0.46 0.25 (0.0)
lab*tc 0.5 0.755
lab*ncc 0.25 0.25 0.755

relative Inform. Technology (IT)
olv3* 0.0 0.29 0.5 (1.0)
cmyn3* 1.0 0.71 0.5 (0.0)
olv4* 0.5 0.79 1.0 0.5
cmyn4* 0.5 0.21 0.0 0.5
standard and adapted CIELAB
LAB*LAB 41.74 0.72 -23.74
LAB*LABa 41.74 0.72 -23.74
LAB*LABb 50.0 23.76 27.14

relative CIELAB lab*
lab*lab 0.403 0.008 -0.249
lab*ch 0.375 0.25 0.755
lab*nch 0.75 0.25 0.755
relative Natural Colour (NC)
lab*lrj 0.403 0.0 -0.249
lab*tc 0.375 0.25 0.755
lab*ncc 0.5 0.25 0.755

relative Inform. Technology (IT)
olv3* 0.0 0.29 0.5 (1.0)
cmyn3* 1.0 0.855 0.75 (0.0)
olv4* 0.75 0.79 1.0 0.75
cmyn4* 0.25 0.105 0.0 0.25
standard and adapted CIELAB
LAB*LAB 29.86 0.36 -11.86
LAB*LABa 29.86 0.36 -11.86
LAB*LABb 25.01 22.36 27.14

relative CIELAB lab*
lab*lab 0.153 0.008 -0.249
lab*ch 0.125 0.25 0.755
lab*nch 0.75 0.25 0.755
relative Natural Colour (NC)
lab*lrj 0.153 0.0 -0.249
lab*tc 0.125 0.25 0.755
lab*ncc 0.75 0.25 0.755

TLS18; adaptierte CIELAB-Daten

	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	52.76	71.63	49.88	87.29	35
Y _{Ma}	92.74	-20.02	84.97	87.3	103
L _{Ma}	84.0	-78.98	73.94	108.2	137
C _{Ma}	87.14	-44.41	-13.11	46.32	196
V _{Ma}	35.47	64.92	-95.06	115.12	304
M _{Ma}	59.01	89.33	-55.67	105.26	328
N _{Ma}	18.01	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

%Regularität

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

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

relative Inform. Technology (IT)
olv3* 0.5 0.79 1.0 (1.0)
cmyn3* 0.5 0.21 0.0 (0.0)
olv4* 0.5 0.79 1.0 0.5
cmyn4* 0.5 0.21 0.0 0.25
standard and adapted CIELAB
LAB*LAB 80.44 0.71 -23.73
LAB*LABa 80.44 0.71 -23.73
LAB*LABb 75.0 23.76 27.14

relative CIELAB lab*
lab*lab 0.807 0.015 -0.499
lab*ch 0.75 0.5 0.755
lab*nch 0.0 0.5 0.755
relative Natural Colour (NC)
lab*lrj 0.807 0.0 -0.499
lab*tc 0.75 0.5 0.755
lab*ncc 0.0 0.5 0.755

relative Inform. Technology (IT)
olv3* 0.25 0.54 0.75 (1.0)
cmyn3* 0.75