

Eingabe: Farbmetrisches Offset-Reflektiv-System ORS18

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

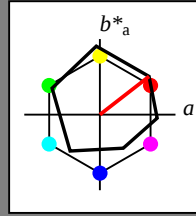
lab^*ch und lab^*nch

D50: Buntton O

LCH*Ma: 48 82 38

olv*Ma: 1.0 0.0 0.0

Dreiecks-Helligkeit t^*



ORS18; adaptierte CIELAB-Daten					
	$L^*=L_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	65.05	50.54	82.38	38
Y _{Ma}	91.0	-4.72	90.58	90.7	93
L _{Ma}	50.9	-63.18	34.98	72.22	151
C _{Ma}	56.99	-39.34	-48.1	62.16	231
V _{Ma}	25.72	30.89	-44.4	54.09	305
M _{Ma}	49.99	75.76	-4.64	75.9	356
N _{Ma}	18.09	0.0	0.0	0.0	0
W _{Ma}	95.46	0.0	0.0	0.0	0
R _{CIE}	41.88	61.66	30.69	68.88	26
J _{CIE}	81.97	2.02	67.79	67.82	88
G _{CIE}	51.62	-41.32	9.74	42.46	167
B _{CIE}	29.2	-5.79	-49.61	49.96	263

%Regularität

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

$g^*_{C,rel} = 60$

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

relative Inform. Technology (IT)	
olv3*	1.0 0.5 0.5 (1.0)
olv4*	0.0 0.5 0.5 (0.0)
olv5*	1.0 0.5 0.5 (1.0)
olv6*	0.0 0.5 0.5 (0.0)
olv7*	0.0 0.5 0.5 (0.0)
olv8*	0.0 0.5 0.5 (0.0)
olv9*	0.0 0.5 0.5 (0.0)
olv10*	0.0 0.5 0.5 (0.0)
olv11*	0.0 0.5 0.5 (0.0)
olv12*	0.0 0.5 0.5 (0.0)
olv13*	0.0 0.5 0.5 (0.0)
olv14*	0.0 0.5 0.5 (0.0)
olv15*	0.0 0.5 0.5 (0.0)
olv16*	0.0 0.5 0.5 (0.0)
olv17*	0.0 0.5 0.5 (0.0)
olv18*	0.0 0.5 0.5 (0.0)
olv19*	0.0 0.5 0.5 (0.0)
olv20*	0.0 0.5 0.5 (0.0)
olv21*	0.0 0.5 0.5 (0.0)
olv22*	0.0 0.5 0.5 (0.0)
olv23*	0.0 0.5 0.5 (0.0)
olv24*	0.0 0.5 0.5 (0.0)
olv25*	0.0 0.5 0.5 (0.0)
olv26*	0.0 0.5 0.5 (0.0)
olv27*	0.0 0.5 0.5 (0.0)
olv28*	0.0 0.5 0.5 (0.0)
olv29*	0.0 0.5 0.5 (0.0)
olv30*	0.0 0.5 0.5 (0.0)
olv31*	0.0 0.5 0.5 (0.0)
olv32*	0.0 0.5 0.5 (0.0)
olv33*	0.0 0.5 0.5 (0.0)
olv34*	0.0 0.5 0.5 (0.0)
olv35*	0.0 0.5 0.5 (0.0)
olv36*	0.0 0.5 0.5 (0.0)
olv37*	0.0 0.5 0.5 (0.0)
olv38*	0.0 0.5 0.5 (0.0)
olv39*	0.0 0.5 0.5 (0.0)
olv40*	0.0 0.5 0.5 (0.0)
olv41*	0.0 0.5 0.5 (0.0)
olv42*	0.0 0.5 0.5 (0.0)
olv43*	0.0 0.5 0.5 (0.0)
olv44*	0.0 0.5 0.5 (0.0)
olv45*	0.0 0.5 0.5 (0.0)
olv46*	0.0 0.5 0.5 (0.0)
olv47*	0.0 0.5 0.5 (0.0)
olv48*	0.0 0.5 0.5 (0.0)
olv49*	0.0 0.5 0.5 (0.0)
olv50*	0.0 0.5 0.5 (0.0)
olv51*	0.0 0.5 0.5 (0.0)
olv52*	0.0 0.5 0.5 (0.0)
olv53*	0.0 0.5 0.5 (0.0)
olv54*	0.0 0.5 0.5 (0.0)
olv55*	0.0 0.5 0.5 (0.0)
olv56*	0.0 0.5 0.5 (0.0)
olv57*	0.0 0.5 0.5 (0.0)
olv58*	0.0 0.5 0.5 (0.0)
olv59*	0.0 0.5 0.5 (0.0)
olv60*	0.0 0.5 0.5 (0.0)
olv61*	0.0 0.5 0.5 (0.0)
olv62*	0.0 0.5 0.5 (0.0)
olv63*	0.0 0.5 0.5 (0.0)
olv64*	0.0 0.5 0.5 (0.0)
olv65*	0.0 0.5 0.5 (0.0)
olv66*	0.0 0.5 0.5 (0.0)
olv67*	0.0 0.5 0.5 (0.0)
olv68*	0.0 0.5 0.5 (0.0)
olv69*	0.0 0.5 0.5 (0.0)
olv70*	0.0 0.5 0.5 (0.0)
olv71*	0.0 0.5 0.5 (0.0)
olv72*	0.0 0.5 0.5 (0.0)
olv73*	0.0 0.5 0.5 (0.0)
olv74*	0.0 0.5 0.5 (0.0)
olv75*	0.0 0.5 0.5 (0.0)
olv76*	0.0 0.5 0.5 (0.0)
olv77*	0.0 0.5 0.5 (0.0)
olv78*	0.0 0.5 0.5 (0.0)
olv79*	0.0 0.5 0.5 (0.0)
olv80*	0.0 0.5 0.5 (0.0)
olv81*	0.0 0.5 0.5 (0.0)
olv82*	0.0 0.5 0.5 (0.0)
olv83*	0.0 0.5 0.5 (0.0)
olv84*	0.0 0.5 0.5 (0.0)
olv85*	0.0 0.5 0.5 (0.0)
olv86*	0.0 0.5 0.5 (0.0)
olv87*	0.0 0.5 0.5 (0.0)
olv88*	0.0 0.5 0.5 (0.0)
olv89*	0.0 0.5 0.5 (0.0)
olv90*	0.0 0.5 0.5 (0.0)
olv91*	0.0 0.5 0.5 (0.0)
olv92*	0.0 0.5 0.5 (0.0)
olv93*	0.0 0.5 0.5 (0.0)
olv94*	0.0 0.5 0.5 (0.0)
olv95*	0.0 0.5 0.5 (0.0)
olv96*	0.0 0.5 0.5 (0.0)
olv97*	0.0 0.5 0.5 (0.0)
olv98*	0.0 0.5 0.5 (0.0)
olv99*	0.0 0.5 0.5 (0.0)
olv100*	0.0 0.5 0.5 (0.0)

%Regu	
$g^*_{H,rel}$	

Eingabe: Farbmetrisches Offset-Reflektiv-System ORS18

für Buntton $h^* = lab^*h = 93/360 = 0.258$

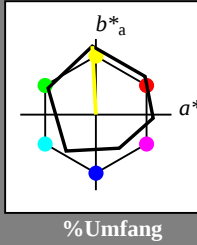
lab^*ich und lab^*nch

D50: Buntton Y

LCH*Ma: 91 91 93

olv*Ma: 1.0 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 95.46 -39.49 4.69
LAB*LAB 95.46 0.0 0.0
LAB*LAB 99.99 0.01 -

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

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 76.12 -0.12 3.4
LAB*LAB 76.12 0.0 0.0
LAB*LAB 75.00 0.01 -

relative CIELAB lab*
lab*lab 0.985 -0.012 0.25
lab*ich 0.875 0.25 0.258
lab*nch 0.0 0.25 0.258
relative Natural Colour (NC)
lab*trj 0.985 -0.022 0.249
lab*nce 0.875 0.25 0.265
lab*nce 0.0 0.25 0.265

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 76.12 -0.12 3.4
LAB*LAB 76.12 0.0 0.0
LAB*LAB 75.00 0.01 -

relative CIELAB lab*
lab*lab 0.985 -0.012 0.25
lab*ich 0.875 0.25 0.258
lab*nch 0.0 0.25 0.258
relative Natural Colour (NC)
lab*trj 0.985 -0.022 0.249
lab*nce 0.875 0.25 0.265
lab*nce 0.0 0.25 0.265

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 76.12 -0.12 3.4
LAB*LAB 76.12 0.0 0.0
LAB*LAB 75.00 0.01 -

relative CIELAB lab*
lab*lab 0.985 -0.012 0.25
lab*ich 0.875 0.25 0.258
lab*nch 0.0 0.25 0.258
relative Natural Colour (NC)
lab*trj 0.985 -0.022 0.249
lab*nce 0.875 0.25 0.265
lab*nce 0.0 0.25 0.265

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 76.12 -0.12 3.4
LAB*LAB 76.12 0.0 0.0
LAB*LAB 75.00 0.01 -

relative CIELAB lab*
lab*lab 0.985 -0.012 0.25
lab*ich 0.875 0.25 0.258
lab*nch 0.0 0.25 0.258
relative Natural Colour (NC)
lab*trj 0.985 -0.022 0.249
lab*nce 0.875 0.25 0.265
lab*nce 0.0 0.25 0.265

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 76.12 -0.12 3.4
LAB*LAB 76.12 0.0 0.0
LAB*LAB 75.00 0.01 -

relative CIELAB lab*
lab*lab 0.985 -0.012 0.25
lab*ich 0.875 0.25 0.258
lab*nch 0.0 0.25 0.258
relative Natural Colour (NC)
lab*trj 0.985 -0.022 0.249
lab*nce 0.875 0.25 0.265
lab*nce 0.0 0.25 0.265

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 76.12 -0.12 3.4
LAB*LAB 76.12 0.0 0.0
LAB*LAB 75.00 0.01 -

relative CIELAB lab*
lab*lab 0.985 -0.012 0.25
lab*ich 0.875 0.25 0.258
lab*nch 0.0 0.25 0.258
relative Natural Colour (NC)
lab*trj 0.985 -0.022 0.249
lab*nce 0.875 0.25 0.265
lab*nce 0.0 0.25 0.265

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 76.12 -0.12 3.4
LAB*LAB 76.12 0.0 0.0
LAB*LAB 75.00 0.01 -

relative CIELAB lab*
lab*lab 0.985 -0.012 0.25
lab*ich 0.875 0.25 0.258
lab*nch 0.0 0.25 0.258
relative Natural Colour (NC)
lab*trj 0.985 -0.022 0.249
lab*nce 0.875 0.25 0.265
lab*nce 0.0 0.25 0.265

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 76.12 -0.12 3.4
LAB*LAB 76.12 0.0 0.0
LAB*LAB 75.00 0.01 -

relative CIELAB lab*
lab*lab 0.985 -0.012 0.25
lab*ich 0.875 0.25 0.258
lab*nch 0.0 0.25 0.258
relative Natural Colour (NC)
lab*trj 0.985 -0.022 0.249
lab*nce 0.875 0.25 0.265
lab*nce 0.0 0.25 0.265

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 76.12 -0.12 3.4
LAB*LAB 76.12 0.0 0.0
LAB*LAB 75.00 0.01 -

relative CIELAB lab*
lab*lab 0.985 -0.012 0.25
lab*ich 0.875 0.25 0.258
lab*nch 0.0 0.25 0.258
relative Natural Colour (NC)
lab*trj 0.985 -0.022 0.249
lab*nce 0.875 0.25 0.265
lab*nce 0.0 0.25 0.265

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 76.12 -0.12 3.4
LAB*LAB 76.12 0.0 0.0
LAB*LAB 75.00 0.01 -

relative CIELAB lab*
lab*lab 0.985 -0.012 0.25
lab*ich 0.875 0.25 0.258
lab*nch 0.0 0.25 0.258
relative Natural Colour (NC)
lab*trj 0.985 -0.022 0.249
lab*nce 0.875 0.25 0.265
lab*nce 0.0 0.25 0.265

ORS18; adaptierte CIELAB-Daten

	$L^*=L_a$	a^*	b^*	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	65.05	50.54	82.38	38
Y _{Ma}	91.0	-4.72	90.58	90.7	93
L _{Ma}	50.9	-63.18	34.98	72.22	151
C _{Ma}	56.99	-39.34	-48.1	62.16	231
V _{Ma}	25.72	30.89	-44.4	54.09	305
M _{Ma}	49.99	75.76	-4.64	75.9	356
N _{Ma}	18.09	0.0	0.0	0.0	0
W _{Ma}	95.46	0.0	0.0	0.0	0
R _{CIE}	41.88	61.66	30.69	68.88	26
J _{CIE}	81.97	2.02	67.79	67.82	88
G _{CIE}	51.62	-41.32	9.74	42.46	167
B _{CIE}	29.2	-5.79	-49.61	49.96	263

%Regularität

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

$g^*_{C,rel} = 60$

$n^* = 0.00$

$n^* = 0.25$

$n^* = 0.50$

$n^* = 0.75$

$n^* = 1.00$

$n^* = 1.25$

$n^* = 1.50$

$n^* = 1.75$

$n^* = 2.00$

$n^* = 2.25$

$n^* = 2.50$

$n^* = 2.75$

$n^* = 3.00$

$n^* = 3.25$

$n^* = 3.50$

$n^* = 3.75$

$n^* = 4.00$

$n^* = 4.25$

$n^* = 4.50$

$n^* = 4.75$

$n^* = 5.00$

$n^* = 5.25$

$n^* = 5.50$

$n^* = 5.75$

$n^* = 6.00$

$n^* = 6.25$

$n^* = 6.50$

$n^* = 6.75$

$n^* = 7.00$

$n^* = 7.25$

$n^* = 7.50$

$n^* = 7.75$

$n^* = 8.00$

$n^* = 8.25$

$n^* = 8.50$

$n^* = 8.75$

$n^* = 9.00$

$n^* = 9.25$

$n^* = 9.50$

$n^* = 9.75$

$n^* = 10.00$

$n^* = 10.25$

$n^* = 10.50$

$n^* = 10.75$

$n^* = 11.00$

$n^* = 11.25$

$n^* = 11.50$

$n^* = 11.75$

$n^* = 12.00$

$n^* = 12.25$

$n^* = 12.50$

$n^* = 12.75$

$n^* = 13.00$

$n^* = 13.25$

$n^* = 13.50$

$n^* = 13.75$

$n^* = 14.00$

$n^* = 14.25$

$n^* = 14.50$

$n^* = 14.75$

$n^* = 15.00$

$n^* = 15.25$

$n^* = 15.50$

$n^* = 15.75$

$n^* = 16.00$

$n^* = 16.25$

$n^* = 16.50$

$n^* = 16.75$

$n^* = 17.00$

$n^* = 17.25$

$n^* = 17.50$

$n^* = 17.75$

$n^* = 18.00$

$n^* = 18.25$

$n^* = 18.50$

$n^* = 18.75$

$n^* = 19.00$

$n^* = 19.25$

$n^* = 19.50$

$n^* = 19.75$

$n^* = 20.00$

$n^* = 20.25$

$n^* = 20.50$

$n^* = 20.75$

$n^* = 21.00$

$n^* = 21.25$

$n^* = 21.50$

$n^* = 21.75$

$n^* = 22.00$

$n^* = 22.25$

$n^* = 22.50$

$n^* = 22.75$

$n^* = 23.00$

$n^* = 23.25$

$n^* = 23.50$

$n^* = 23.75$

$n^* = 24.00$

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$n^* = 26.00$

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$n^* = 27.50$

$n^* = 27.75$

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$n^* = 33.50$

$n^* = 33.75$

$n^* = 34.00$

$n^* = 34.25$

$n^* = 34.50$

$n^* = 34.75$

</

Systeme	URS
Reihen für 1	
Y	

Siehe ähnliche Dateien: <http://www.ps.bam.de/PG50/>
Technische Information: <http://www.ps.bam.de> Version 2.1, io=1,1

input: olv^π se
output: *no ch*

BAM-Registrierung: 20060101-PG50/10L/L50G03NP.PS./P.Df. BAM-Material: Code=rha4a
 Anwendung für Beurteilung und Messung von Drucker- oder Monitorssystemen
 /PC50/ Form: 4/10 Seite: 1/1 Seite 4

relative Bu

	C	M	
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Eingabe: Farbmetrisches Offset-Reflektiv-System ORS18

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

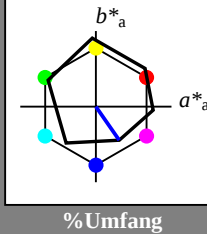
lab^*ich und lab^*nch

D50: Buntton V

LCH*Ma: 26 54 305

olv*Ma: 0.0 0.0 1.0

Dreiecks-Helligkeit t^*



ORS18; adaptierte CIELAB-Daten

	$L^*=L_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	65.05	50.54	82.38	38
Y _{Ma}	91.0	-4.72	90.58	90.7	93
L _{Ma}	50.9	-63.18	34.98	72.22	151
C _{Ma}	56.99	-39.34	-48.1	62.16	231
V _{Ma}	25.72	30.89	-44.4	54.09	305
M _{Ma}	49.99	75.76	-4.64	75.9	356
N _{Ma}	18.09	0.0	0.0	0.0	0
W _{Ma}	95.46	0.0	0.0	0.0	0
R _{CIE}	41.88	61.66	30.69	68.88	26
J _{CIE}	81.97	2.02	67.79	67.82	88
G _{CIE}	51.62	-41.32	9.74	42.46	167
B _{CIE}	29.2	-5.79	-49.61	49.96	263

%Regularität

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

$g^*_{C,rel} = 60$

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 95.46 -0.39 4.69
LAB*LABa 95.46 0.0 0.0
LAB*LABb 99.99 0.01 -

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

relative Inform. Technology (IT)
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 76.12 -0.12 3.4
LAB*LABa 76.12 0.0 0.0
LAB*LABb 75.0 0.01 -

relative CIELAB lab*
lab*lab 0.75 0.0 0.0
lab*ich 0.75 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*tr 0.75 0.0 0.0
lab*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 56.78 0.13 2.11
LAB*LABa 56.78 0.0 0.0
LAB*LABb 50.0 0.01 -

relative CIELAB lab*
lab*lab 0.5 0.0 0.0
lab*ich 0.5 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*tr 0.5 0.0 0.0
lab*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 37.18 0.62 0.82
LAB*LABa 37.18 0.0 0.0
LAB*LABb 25.0 0.01 -

relative CIELAB lab*
lab*lab 0.25 0.0 0.0
lab*ich 0.25 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*tr 0.25 0.0 0.0
lab*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 18.1 0.67 0.46
LAB*LABa 18.1 0.0 0.0
LAB*LABb 0.0 0.01 -

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

$n^* = 1.0$

relative Inform. Technology (IT)
olv3* 0.75 0.75 1.0 (1.0)
cmyn3* 0.25 0.25 0.0 (0.0)
olv4* 0.75 0.75 1.0 (1.0)
cmyn4* 0.25 0.25 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 78.02 7.56 -7.55
LAB*LABa 60.59 14.44 -22.19
LAB*LABb 87.5 13.52 304.82

relative CIELAB lab*
lab*lab 0.75 0.143 -0.204
lab*ich 0.875 0.25 0.847
lab*nch 0.0 0.25 0.847
relative Natural Colour (NC)
lab*tr 0.775 0.126 -0.215
lab*tc 0.875 0.25 0.834
lab*ncc 0.0 0.25 0.834

relative Inform. Technology (IT)
olv3* 0.5 0.5 0.75 (1.0)
cmyn3* 0.5 0.5 0.75 (0.0)
olv4* 0.75 0.75 1.0 (0.0)
cmyn4* 0.5 0.5 0.75 (0.0)
standard and adapted CIELAB
LAB*LAB 58.68 7.83 -8.85
LAB*LABa 43.15 16.32 -35.29
LAB*LABb 62.5 13.52 304.82

relative CIELAB lab*
lab*lab 0.5 0.25 0.143 -0.204
lab*ich 0.625 0.25 0.847
lab*nch 0.25 0.25 0.847
relative Natural Colour (NC)
lab*tr 0.525 0.126 -0.215
lab*tc 0.625 0.25 0.834
lab*ncc 0.25 0.25 0.834

relative Inform. Technology (IT)
olv3* 0.25 0.25 0.5 (1.0)
cmyn3* 0.75 0.75 0.25 (0.0)
olv4* 0.75 0.75 1.0 (0.0)
cmyn4* 0.25 0.25 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 41.25 15.79 -21.11
LAB*LABa 41.25 15.44 -22.19
LAB*LABb 50.0 27.05 304.82

relative CIELAB lab*
lab*lab 0.25 0.25 0.143 -0.204
lab*ich 0.375 0.25 0.847
lab*nch 0.25 0.25 0.847
relative Natural Colour (NC)
lab*tr 0.25 0.126 -0.215
lab*tc 0.375 0.25 0.834
lab*ncc 0.25 0.25 0.834

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.5 (1.0)
cmyn3* 1.0 1.0 0.5 (0.0)
olv4* 0.5 0.5 1.0 (0.0)
cmyn4* 0.5 0.5 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 21.91 16.06 -11.42
LAB*LABa 21.91 15.44 -22.19
LAB*LABb 25.01 27.04 304.82

relative CIELAB lab*
lab*lab 0.0 0.25 0.143 -0.204
lab*ich 0.125 0.25 0.847
lab*nch 0.25 0.25 0.847
relative Natural Colour (NC)
lab*tr 0.0 0.126 -0.215
lab*tc 0.125 0.25 0.834
lab*ncc 0.25 0.25 0.834

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

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

relative Inform. Technology (IT)
olv3* 0.5 0.5 1.0 (1.0)
cmyn3* 0.5 0.5 1.0 (0.0)
olv4* 0.5 0.5 1.0 (1.0)
cmyn4* 0.5 0.5 1.0 (0.0)
standard and adapted CIELAB
LAB*LAB 60.59 15.52 -19.82
LAB*LABa 60.59 14.44 -22.19
LAB*LABb 75.0 27.04 304.82

relative CIELAB lab*
lab*lab 0.5 0.285 -0.409
lab*ich 0.75 0.5 0.847
lab*nch 0.0 0.5 0.847
relative Natural Colour (NC)
lab*tr 0.549 0.252 -0.431
lab*tc 0.75 0.5 0.834
lab*ncc 0.5 0.5 0.834

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.75 (1.0)
cmyn3* 0.75 0.75 0.25 (0.0)
olv4* 0.5 0.5 1.0 (0.0)
cmyn4* 0.5 0.5 0.75 (0.0)
standard and adapted CIELAB
LAB*LAB 41.25 15.79 -21.11
LAB*LABa 41.25 15.44 -22.19
LAB*LABb 50.0 27.05 304.82

relative CIELAB lab*
lab*lab 0.0 0.285 -0.409
lab*ich 0.5 0.5 0.847
lab*nch 0.0 0.5 0.847
relative Natural Colour (NC)
lab*tr 0.299 0.252 -0.431
lab*tc 0.5 0.5 0.834
lab*ncc 0.25 0.5 0.834

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.5 (1.0)
cmyn3* 1.0 1.0 0.5 (0.0)
olv4* 0.5 0.5 1.0 (0.0)
cmyn4* 0.5 0.5 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 21.91 16.06 -11.42
LAB*LABa 21.91 15.44 -22.19
LAB*LABb 25.01 27.04 304.82

relative CIELAB lab*
lab*lab 0.0 0.285 -0.409
lab*ich 0.25 0.5 0.847
lab*nch 0.0 0.5 0.847
relative Natural Colour (NC)
lab*tr 0.0 0.252 -0.431
lab*tc 0.25 0.5 0.834
lab*ncc 0.5 0.5 0.834

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

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

$n^* = 0.50$

relative Inform. Technology (IT)
olv3* 0.25 0.25 1.0 (1.0)
cmyn3* 0.75 0.75 0.0 (0.0)
olv4* 0.25 0.25 1.0 (1.0)
cmyn4* 0.75 0.75 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 43.15 23.48 -32.08
LAB*LABa 43.15 16.32 -35.29
LAB*LABb 62.5 13.52 304.82

relative CIELAB lab*
lab*lab 0.25 0.428 -0.615
lab*ich 0.625 0.5 0.847
lab*nch 0.0 0.5 0.847
relative Natural Colour (NC)
lab*tr 0.324 0.379 -0.646
lab*tc 0.625 0.5 0.834
lab*ncc 0.0 0.5 0.834

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.75 (1.0)
cmyn3* 0.75 0.75 0.25 (0.0)
olv4* 0.25 0.25 1.0 (0.0)
cmyn4* 0.75 0.75 0.25 (0.0)
standard and adapted CIELAB
LAB*LAB 25.73 31.44 -44.34
LAB*LABa 25.73 30.88 -44.39
LAB*LABb 50.0 54.08 304.82

relative CIELAB lab*
lab*lab 0.0 0.571 -0.82
lab*ich 0.09 0.571 -0.82
lab*nch 0.0 1.0 0.847
relative Natural Colour (NC)
lab*tr 0.099 0.505 -0.862
lab*tc 0.0 0.5 0.834
lab*ncc 0.0 1.0 0.834

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.5 (1.0)
cmyn3* 0.75 0.75 0.25 (0.0)
olv4* 0.25 0.25 1.0 (0.0)
cmyn4* 0.75 0.75 0.25 (0.0)
standard and adapted CIELAB
LAB*LAB 25.73 31.44 -44.34
LAB*LABa 25.73 30.88 -44.39
LAB*LABb 50.0 54.08 304.82

relative CIELAB lab*
lab*lab 0.0 0.571 -0.82
lab*ich 0.09 0.571 -0.82
lab*nch 0.0 1.0 0.847
relative Natural Colour (NC)
lab*tr 0.099 0.505 -0.862
lab*tc 0.0 0.5 0.834
lab*ncc 0.0 1.0 0.834

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

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

$n^* = 0.00$

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.75 (1.0)
cmyn3* 0.75 0.75 0.25 (0.0)
olv4* 0.25 0.25 1.0 (0.0)
cmyn4* 0.75 0.75 0.25 (0.0)
standard and adapted CIELAB
LAB*LAB 25.73 31.44 -44.34
LAB*LABa 25.73 30.88 -44.39
LAB*LABb 50.0 54.08 304.82

relative CIELAB lab*
lab*lab 0.0 0.571 -0.82
lab*ich 0.09 0.571 -0.82
lab*nch 0.0 1.0 0.847
relative Natural Colour (NC)
lab*tr 0.099 0.505 -0.862
lab*tc 0.0 0.5 0.834
lab*ncc 0.0 1.0 0.834

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.5 (1.0)
cmyn3* 0.75 0.75 0.25 (0.0)
olv4* 0.25 0.25 1.0 (0.0)
cmyn4* 0.75 0.75 0.25 (0.0)
standard and adapted CIELAB
LAB*LAB 25.73 31.44 -44.34
LAB*LABa 25.73 30.88 -44.39
LAB*LABb 50.0 54.08 304.82

relative CIELAB lab*
lab*lab 0.0 0.571 -0.82
lab*ich 0.09 0.571 -0.82
lab*nch 0.0 1.0 0.847
relative Natural Colour (NC)
lab*tr 0.099 0.505 -0.862
lab*tc 0.0 0.5 0.834
lab*ncc 0.0 1.0 0.834

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

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

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

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

$n^* = 0.00$

Ausgabe: Farbmetrisches Fernseh-Licht-System TLS00

für Buntton $h^* = lab^*h = 302/360 = 0.838$

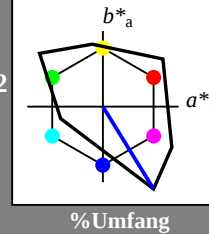
lab^*tch und lab^*nch

D50: Buntton V

LCH*Ma: 26 128 302

olv*Ma: 0.0 0.0 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 -

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

relative Inform. Technology (IT)
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 71.57 0.0 0.0
LAB*LABa 71.57 0.0 0.0
LAB*LABb 75.0 0.01 -

relative CIELAB lab*
lab*lab 0.75 0.0 0.0
lab*ich 0.75 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*tr 0.75 0.0 0.0
lab*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 54.11 16.76 -27.21
LAB*LABa 54.11 16.76 -27.21
LAB*LABb 50.0 0.01 -

relative CIELAB lab*
lab*lab 0.5 0.0 0.0
lab*ich 0.5 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*tr 0.5 0.0 0.0
lab*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 0.25 (0.0)
olv4* 0.25 0.25 1.0 (0.0)
cmyn4* 0.75 0.75 0.25 (0.0)
standard and adapted CIELAB
LAB*LAB 30.26 16.76 -27.21
LAB*LABa 30.26 16.76 -27.21
LAB*LABb 50.0 0.01 -

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

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.75 (1.0)
cmyn3* 0.75 0.75 0.25 (0.0)
olv4* 0.25 0.25 1.0 (0.0)
cmyn4* 0.75 0.75 0.25 (0.0)
standard and adapted CIELAB
LAB*LAB 25.73 31.44 -44.34
LAB*LABa 25.73 30.88 -44.39
LAB*LABb 50.0 54.08 304.82

relative CIELAB lab*
lab*lab 0.0 0.571 -0.82
lab*ich 0.09 0.571 -0.82
lab*nch 0.0 1.0 0.847
relative Natural Colour (NC)
lab*tr 0.099 0.505 -0.862
lab*tc 0.0 0.5 0.834
lab*ncc 0.0 1.0 0.834

$n^* = 1.0$

relative Inform. Technology (IT)
olv3* 0.5 0.5 0.75 (1.0)
cmyn3* 0.5 0.5 0.75 (0.0)
olv4* 0.75 0.75 1.0 (0.0)
cmyn4* 0.5

Eingabe: Farbmetrisches Offset-Reflektiv-System ORS18

für Buntton $h^* = lab^*h = 356/360 = 0.99$

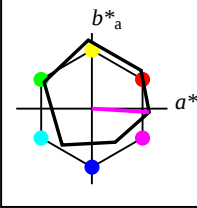
lab^*ich und lab^*nch

D50: Buntton M

LCH*Ma: 50 76 356

olv*Ma: 1.0 0.0 1.0

Dreiecks-Helligkeit t^*



%Umfang

$u^*_{rel} = 94$

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	0.5	(1.0)
olv4*	0.0	0.25	0.0	(0.0)
olv5*	0.0	0.75	0.0	(0.0)
olv6*	0.0	0.25	0.5	(0.0)
olv7*	0.0	0.75	0.5	(0.0)
olv8*	0.0	0.25	0.0	(0.0)
olv9*	0.0	0.75	0.0	(0.0)
olv10*	0.0	0.25	0.5	(0.0)
olv11*	0.0	0.75	0.5	(0.0)
olv12*	0.0	0.25	0.0	(0.0)
olv13*	0.0	0.75	0.0	(0.0)
olv14*	0.0	0.25	0.5	(0.0)
olv15*	0.0	0.75	0.5	(0.0)
olv16*	0.0	0.25	0.0	(0.0)
olv17*	0.0	0.75	0.0	(0.0)
olv18*	0.0	0.25	0.5	(0.0)
olv19*	0.0	0.75	0.5	(0.0)
olv20*	0.0	0.25	0.0	(0.0)
olv21*	0.0	0.75	0.0	(0.0)
olv22*	0.0	0.25	0.5	(0.0)
olv23*	0.0	0.75	0.5	(0.0)
olv24*	0.0	0.25	0.0	(0.0)
olv25*	0.0	0.75	0.0	(0.0)
olv26*	0.0	0.25	0.5	(0.0)
olv27*	0.0	0.75	0.5	(0.0)
olv28*	0.0	0.25	0.0	(0.0)
olv29*	0.0	0.75	0.0	(0.0)
olv30*	0.0	0.25	0.5	(0.0)
olv31*	0.0	0.75	0.5	(0.0)
olv32*	0.0	0.25	0.0	(0.0)
olv33*	0.0	0.75	0.0	(0.0)
olv34*	0.0	0.25	0.5	(0.0)
olv35*	0.0	0.75	0.5	(0.0)
olv36*	0.0	0.25	0.0	(0.0)
olv37*	0.0	0.75	0.0	(0.0)
olv38*	0.0	0.25	0.5	(0.0)
olv39*	0.0	0.75	0.5	(0.0)
olv40*	0.0	0.25	0.0	(0.0)
olv41*	0.0	0.75	0.0	(0.0)
olv42*	0.0	0.25	0.5	(0.0)
olv43*	0.0	0.75	0.5	(0.0)
olv44*	0.0	0.25	0.0	(0.0)
olv45*	0.0	0.75	0.0	(0.0)
olv46*	0.0	0.25	0.5	(0.0)
olv47*	0.0	0.75	0.5	(0.0)
olv48*	0.0	0.25	0.0	(0.0)
olv49*	0.0	0.75	0.0	(0.0)
olv50*	0.0	0.25	0.5	(0.0)
olv51*	0.0	0.75	0.5	(0.0)
olv52*	0.0	0.25	0.0	(0.0)
olv53*	0.0	0.75	0.0	(0.0)
olv54*	0.0	0.25	0.5	(0.0)
olv55*	0.0	0.75	0.5	(0.0)
olv56*	0.0	0.25	0.0	(0.0)
olv57*	0.0	0.75	0.0	(0.0)
olv58*	0.0	0.25	0.5	(0.0)
olv59*	0.0	0.75	0.5	(0.0)
olv60*	0.0	0.25	0.0	(0.0)
olv61*	0.0	0.75	0.0	(0.0)
olv62*	0.0	0.25	0.5	(0.0)
olv63*	0.0	0.75	0.5	(0.0)
olv64*	0.0	0.25	0.0	(0.0)
olv65*	0.0	0.75	0.0	(0.0)
olv66*	0.0	0.25	0.5	(0.0)
olv67*	0.0	0.75	0.5	(0.0)
olv68*	0.0	0.25	0.0	(0.0)
olv69*	0.0	0.75	0.0	(0.0)
olv70*	0.0	0.25	0.5	(0.0)
olv71*	0.0	0.75	0.5	(0.0)
olv72*	0.0	0.25	0.0	(0.0)
olv73*	0.0	0.75	0.0	(0.0)
olv74*	0.0	0.25	0.5	(0.0)
olv75*	0.0	0.75	0.5	(0.0)
olv76*	0.0	0.25	0.0	(0.0)
olv77*	0.0	0.75	0.0	(0.0)
olv78*	0.0	0.25	0.5	(0.0)
olv79*	0.0	0.75	0.5	(0.0)
olv80*	0.0	0.25	0.0	(0.0)
olv81*	0.0	0.75	0.0	(0.0)
olv82*	0.0	0.25	0.5	(0.0)
olv83*	0.0	0.75	0.5	(0.0)
olv84*	0.0	0.25	0.0	(0.0)
olv85*	0.0	0.75	0.0	(0.0)
olv86*	0.0	0.25	0.5	(0.0)
olv87*	0.0	0.75	0.5	(0.0)
olv88*	0.0	0.25	0.0	(0.0)
olv89*	0.0	0.75	0.0	(0.0)
olv90*	0.0	0.25	0.5	(0.0)
olv91*	0.0	0.75	0.5	(0.0)
olv92*	0.0	0.25	0.0	(0.0)
olv93*	0.0	0.75	0.0	(0.0)
olv94*	0.0	0.25	0.5	(0.0)
olv95*	0.0	0.75	0.5	(0.0)
olv96*	0.0	0.25	0.0	(0.0)
olv97*	0.0	0.75	0.0	(0.0)
olv98*	0.0	0.25	0.5	(0.0)
olv99*	0.0	0.75	0.5	(0.0)
olv100*	0.0	0.25	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	65.05	50.54	82.38	38
Y _{Ma}	91.0	-4.72	90.58	90.7	93
L _{Ma}	50.9	-63.18	34.98	72.22	151
C _{Ma}	56.99	-39.34	-48.1	62.16	231
V _{Ma}	25.72	30.89	-44.4	54.09	305
M _{Ma}	49.99	75.76	-4.64	75.9	356
N _{Ma}	18.09	0.0	0.0	0.0	0
W _{Ma}	95.46	0.0	0.0	0.0	0
R _{CIE}	41.88	61.66	30.69	68.88	26
J _{CIE}	81.97	2.02	67.79	67.82	88
G _{CIE}	51.62	-41.32	9.74	42.46	167
B _{CIE}	29.2	-5.79	-49.61	49.96	263

%Regularität

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

$g^*_{C,rel} = 60$

Ausgabe: Farbmetrisches Fernseh-Licht-System TLS00

für Buntton $h^* = lab^*h = 330/360 = 0.915$

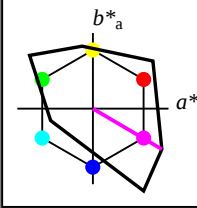
lab^*tch und lab^*nch

D50: Buntton M

LCH*Ma: 59 106 330

olv*Ma: 1.0 0.0 1.0

Dreiecks-Helligkeit t^*



%Umfang

$u^*_{rel} = 156$

relative Inform. Technology (IT)				
olv3*	1.0	1.0	1.0	(1.0)
cmyk3*	0.0	0.0	0.0	(0.0)
olv4*	1.0	0.0	1.0	1.0
cmyk4*	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*TCfA	99.99	0.01	-	
relative CIELAB lab*				
lab*lab	1.0	0.0	0.0	
lab*ach	1.0	0.0	-	
lab*ach	0.0	0.0	-	
relative Natural Colour (NC)				
lab*lrj	1.0	0.0	0.0	
lab*tce	1.0	0.0	-	
lab*nCe	0.0	0.0	-	

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

output: *no change compared to input*

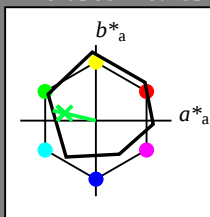
Eingabe: Farbmetrisches Offset-Reflektiv-System ORS18

für Buntton $h^* = lab^*h = 167/360 = 0.463$

lab^*ich und lab^*nch

D50: Buntton G
LCH*Ma: 52 59 167
olv*Ma: 0.0 1.0 0.26

Dreiecks-Helligkeit t^*



%Umfang

$u^*_{rel} = 94$

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 95.46 -39.49 4.69
LAB*LAB 95.46 0.0 0.0
LAB*LAB 99.99 0.01 -

relative CIELAB lab*
lab*lab 1.0 0.0 0.0
lab*ich 1.0 0.0 0.0
lab*nch 0.0 0.0 -
relative Natural Colour (NC)
lab*tr 1.0 0.0 0.0
lab*ice 1.0 0.0 -
lab*nice 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 76.12 -0.12 3.4
LAB*LAB 76.12 0.0 0.0
LAB*LAB 75.00 0.01 -

relative CIELAB lab*
lab*lab 0.75 0.0 0.0
lab*ich 0.75 0.0 0.0
lab*nch 0.0 0.0 -
relative Natural Colour (NC)
lab*tr 0.75 0.0 0.0
lab*ice 0.75 0.0 0.0
lab*nice 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 56.78 0.13 2.11
LAB*LAB 56.78 0.0 0.0
LAB*LAB 50.00 0.01 -

relative CIELAB lab*
lab*lab 0.5 0.0 0.0
lab*ich 0.5 0.0 0.0
lab*nch 0.0 0.0 -
relative Natural Colour (NC)
lab*tr 0.5 0.0 0.0
lab*ice 0.5 0.0 0.0
lab*nice 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 37.44 0.15 0.62
LAB*LAB 37.44 0.0 0.0
LAB*LAB 25.00 0.01 -

relative CIELAB lab*
lab*lab 0.25 0.0 0.0
lab*ich 0.25 0.0 0.0
lab*nch 0.0 0.0 -
relative Natural Colour (NC)
lab*tr 0.25 0.0 0.0
lab*ice 0.25 0.0 0.0
lab*nice 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 18.11 0.07 0.46
LAB*LAB 18.11 0.0 0.0
LAB*LAB 0.00 0.01 -

relative CIELAB lab*
lab*lab 0.0 0.0 0.0
lab*ich 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*ice 0.0 0.0 0.0
lab*nice 1.0 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	65.05	50.54	82.38	38
Y _{Ma}	91.0	-4.72	90.58	90.7	93
L _{Ma}	50.9	-63.18	34.98	72.22	151
C _{Ma}	56.99	-39.34	-48.1	62.16	231
V _{Ma}	25.72	30.89	-44.4	54.09	305
M _{Ma}	49.99	75.76	-4.64	75.9	356
N _{Ma}	18.09	0.0	0.0	0.0	0
W _{Ma}	95.46	0.0	0.0	0.0	0
RC _{IE}	41.88	61.66	30.69	68.88	26
J _{CIE}	81.97	2.02	67.79	67.82	88
G _{CIE}	51.62	-41.32	9.74	42.46	167
B _{CIE}	29.2	-5.79	-49.61	49.96	263

%Regularität

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

$g^*_{C,rel} = 60$

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 73.97 -28.49 9.98
LAB*LAB 73.97 0.0 0.0
LAB*LAB 75.00 0.01 -

relative CIELAB lab*
lab*lab 0.722 -0.486 0.115
lab*ich 0.722 -0.486 0.115
lab*nch 0.0 0.0 -
relative Natural Colour (NC)
lab*tr 0.722 -0.486 0.115
lab*ice 0.722 -0.486 0.115
lab*nice 0.0 0.0 -

relative Inform. Technology (IT)
olv3* 0.25 0.75 0.25 (1.0)
cmyn3* 0.75 0.25 0.75 (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 54.63 -28.33 8.7
LAB*LAB 54.63 0.0 0.0
LAB*LAB 50.00 0.01 -

relative CIELAB lab*
lab*lab 0.472 -0.499 0.0
lab*ich 0.472 -0.499 0.0
lab*nch 0.0 0.0 -
relative Natural Colour (NC)
lab*tr 0.472 -0.499 0.0
lab*ice 0.472 -0.499 0.0
lab*nice 0.0 0.0 -

relative Inform. Technology (IT)
olv3* 0.0 0.75 0.25 (1.0)
cmyn3* 1.0 0.0 0.75 (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 35.29 -28.06 7.41
LAB*LAB 35.29 0.0 0.0
LAB*LAB 25.00 0.01 -

relative CIELAB lab*
lab*lab 0.333 -0.729 0.172
lab*ich 0.333 -0.729 0.172
lab*nch 0.0 0.0 -
relative Natural Colour (NC)
lab*tr 0.333 -0.729 0.172
lab*ice 0.333 -0.729 0.172
lab*nice 0.0 0.0 -

relative Inform. Technology (IT)
olv3* 0.0 0.5 0.5 (1.0)
cmyn3* 1.0 0.5 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 26.69 -14.24 3.37
LAB*LAB 26.69 0.0 0.0
LAB*LAB 25.00 0.01 -

relative CIELAB lab*
lab*lab 0.111 -0.242 0.057
lab*ich 0.111 -0.242 0.057
lab*nch 0.0 0.0 -
relative Natural Colour (NC)
lab*tr 0.111 -0.242 0.057
lab*ice 0.111 -0.242 0.057
lab*nice 0.0 0.0 -

$n^* = 0.50$

relative Inform. Technology (IT)
olv3* 0.25 1.0 0.25 (1.0)
cmyn3* 1.0 0.25 1.0 (0.0)
olv4* 0.25 1.0 0.25 (1.0)
cmyn4* 1.0 0.25 1.0 (0.0)
standard and adapted CIELAB
LAB*LAB 63.22 -42.69 12.63
LAB*LAB 63.22 0.0 0.0
LAB*LAB 62.50 0.01 -

relative CIELAB lab*
lab*lab 0.582 -0.729 0.172
lab*ich 0.582 -0.729 0.172
lab*nch 0.0 0.0 -
relative Natural Colour (NC)
lab*tr 0.582 -0.729 0.172
lab*ice 0.582 -0.729 0.172
lab*nice 0.0 0.0 -

relative Inform. Technology (IT)
olv3* 0.0 1.0 0.0 (1.0)
cmyn3* 0.0 1.0 0.0 (0.0)
olv4* 0.0 1.0 0.0 (1.0)
cmyn4* 0.0 1.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 43.89 -42.43 11.35
LAB*LAB 43.89 0.0 0.0
LAB*LAB 50.00 0.01 -

relative CIELAB lab*
lab*lab 0.444 -0.972 0.229
lab*ich 0.444 -0.972 0.229
lab*nch 0.0 0.0 -
relative Natural Colour (NC)
lab*tr 0.444 -0.972 0.229
lab*ice 0.444 -0.972 0.229
lab*nice 0.0 0.0 -

relative Inform. Technology (IT)
olv3* 0.0 0.5 0.5 (1.0)
cmyn3* 1.0 0.5 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 23.87 0.0 0.0
LAB*LAB 23.87 0.0 0.0
LAB*LAB 25.00 0.01 -

relative CIELAB lab*
lab*lab 0.25 0.0 0.0
lab*ich 0.25 0.0 0.0
lab*nch 0.0 0.0 -
relative Natural Colour (NC)
lab*tr 0.25 0.0 0.0
lab*ice 0.25 0.0 0.0
lab*nice 0.0 0.0 -

$n^* = 0.25$

Schwarzheit n^*

relative Buntheit c^*

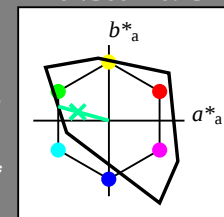
Ausgabe: Farbmetrisches Fernseh-Licht-System TLS00

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

lab^*tch und lab^*nch

D50: Buntton G
LCH*Ma: 84 70 164
olv*Ma: 0.0 1.0 0.6

Dreiecks-Helligkeit t^*



%Umfang

$u^*_{rel} = 156$

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 -

relative CIELAB lab*
lab*lab 1.0 0.0 0.0
lab*ich 1.0 0.0 0.0
lab*nch 0.0 0.0 -
relative Natural Colour (NC)
lab*tr 1.0 0.0 0.0
lab*ice 1.0 0.0 0.0
lab*nice 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 71.57 0.0 0.0
LAB*LAB 71.57 0.0 0.0
LAB*LAB 75.00 0.01 -

relative CIELAB lab*
lab*lab 0.75 0.0 0.0
lab*ich 0.75 0.0 0.0
lab*nch 0.0 0.0 -
relative Natural Colour (NC)
lab*tr 0.75 0.0 0.0
lab*ice 0.75 0.0 0.0
lab*nice 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 52.48 -56.79 15.28
LAB*LAB 52.48 0.0 0.0
LAB*LAB 50.00 0.01 -

relative CIELAB lab*
lab*lab 0.5 0.0 0.0
lab*ich 0.5 0.0 0.0
lab*nch 0.0 0.0 -
relative Natural Colour (NC)
lab*tr 0.5 0.0 0.0
lab*ice 0.5 0.0 0.0
lab*nice 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 37.44 0.15 0.62
LAB*LAB 37.44 0.0 0.0
LAB*LAB 25.00 0.01 -

relative CIELAB lab*
lab*lab 0.25 0.0 0.0
lab*ich 0.25 0.0 0.0
lab*nch 0.0 0.0 -
relative Natural Colour (NC)
lab*tr 0.25 0.0 0.0
lab*ice 0.25 0.0 0.0
lab*nice 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 18.11 0.07 0.46
LAB*LAB 18.11 0.0 0.0
LAB*LAB 0.00 0.01 -

relative CIELAB lab*
lab*lab 0.0 0.0 0.0
lab*ich 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*ice 0.0 0.0 0.0
lab*nice 1.0 0.0 -

$n^* = 1.0$

Schwarzheit n^*

relative Buntheit c^*

TLS00; adaptierte CIELAB-Daten

	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	54.19	79.36	63.0	101.33	38
Y _{Ma}	93.44	-14.18	82.59	83.8	100
L _{Ma}	82.82	-83.73	70.41	109.41	140
C _{Ma}	85.22	-55.9	-15.78	58.1	196
V _{Ma}	25.61	67.05	-108.87	127.87	302
M _{Ma}	58.76	91.18	-53.69	105.82	330
N _{Ma}	0.01	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
RC _{IE}	41.88	62.0	31.82	69.69	27
J _{CIE}	81.97	1.81	71.59	71.61	89
G _{CIE}	51.62	-41.11	11.52	42.7	164
B _{CIE}	29.2	-5.27	-49.33	49.62	264

%Regularität

$g^*_{H,rel} = 26$

$g^*_{C,rel} = 45$

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 89.83 -33.52 9.39
LAB*LAB 89.83 0.0 0.0
LAB*LAB 75.00 0.01 -

relative CIELAB lab*
lab*lab 0.941 -0.48 0.135
lab*ich 0.941 -0.48 0.135
lab*nch 0.0 0.0 -
relative Natural Colour (NC)
lab*tr 0.941 -0.48 0.135
lab*ice 0.941 -0.48 0.135
lab*nice 0.0 0.0 -

relative Inform. Technology (IT)
olv3* 0.25 0.75 0.25 (1.0)
cmyn3* 0.75 0.25 0.75 (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 68.77 -16.76 4.7
LAB*LAB 68.77 0.0 0.0
LAB*LAB 50.00 0.01 -

relative CIELAB lab*
lab*lab 0.721 -0.499 0.0
lab*ich 0.721 -0.499 0.0
lab*nch 0.0 0.0 -
relative Natural Colour (NC)
lab*tr 0.721 -0.499 0.0
lab*ice 0.721 -0.499 0.0
lab*nice 0.0 0.0 -

relative Inform. Technology (IT)
olv3* 0.0 0.75 0.25 (1.0)
cmyn3* 1.0 0.25 0.75 (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 44.92 -16.76 4.7
LAB*LAB 44.92 0.0 0.0
LAB*LAB 50.00 0.01 -

relative CIELAB lab*
lab*lab 0.471 -0.499 0.0
lab*ich 0.471 -0.499 0.0
lab*nch 0.0 0.0 -
relative Natural Colour (NC)
lab*tr 0.471 -0.499 0.0
lab*ice 0.471 -0.499 0.0
lab*nice 0.0 0.0 -

relative Inform. Technology (IT)
olv3* 0.0 0.5 0.5 (1.0)
cmyn3* 1.0 0.5 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 21.07 -16.75 4.7
LAB*LAB 21.07 0.0 0.0
LAB*LAB 25.00 0.01 -

relative CIELAB lab*
lab*lab 0.221 -0.24 0.067
lab*ich 0.221 -0.24 0.067
lab*nch 0.0 0.0 -
relative Natural Colour (NC)
lab*tr 0.221 -0.24 0.067
lab*ice 0.221 -0.24 0.067
lab*nice 0.0 0.0 -

$n^* = 0.50$

Schwarzheit n^*

relative Buntheit c^*

PG500-7, 5 stufige Reihen für konstanten CIELAB Buntton 167/360 = 0.463 (links)

5 stufige Reihen für konstanten CIELAB Buntton 164/360 = 0.457 (rechts)

BAM-Prüfvorlage PG50; Farbmetrik-Systeme ORS18 & TLS00 input: olv* setrgbcolor

D50: 2 Koordinatendaten; 5stufige Farbreihen für 10 Bunttöne

output: no change compared to input

Eingabe: Farbmetrisches Offset-Reflektiv-System ORS18

für Buntton $h^* = lab^*h = 263/360 = 0.731$

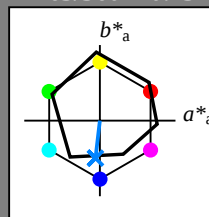
lab^*ich und lab^*nch

D50: Buntton B

LCH*Ma: 42 47 263

olv*Ma: 0.0 0.52 1.0

Dreiecks-Helligkeit t^*



ORS18; adaptierte CIELAB-Daten

	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	65.05	50.54	82.38	38
Y _{Ma}	91.0	-4.72	90.58	90.7	93
L _{Ma}	50.9	-63.18	34.98	72.22	151
C _{Ma}	56.99	-39.34	-48.1	62.16	231
V _{Ma}	25.72	30.89	-44.4	54.09	305
M _{Ma}	49.99	75.76	-4.64	75.9	356
N _{Ma}	18.09	0.0	0.0	0.0	0
W _{Ma}	95.46	0.0	0.0	0.0	0
RC _{IE}	41.88	61.66	30.69	68.88	26
J _{CIE}	81.97	2.02	67.79	67.82	88
G _{CIE}	51.62	-41.32	9.74	42.46	167
B _{CIE}	29.2	-5.79	-49.61	49.96	263

%Regularität

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

$g^*_{C,rel} = 60$

relative Inform. Technology (IT)

olv3*	1.0	1.0	1.0	(1.0)
olv3*	0.0	0.0	0.0	(0.0)
olv4*	1.0	1.0	1.0	(1.0)
olv4*	0.0	0.0	0.0	(0.0)
olv5*	1.0	1.0	1.0	(1.0)
olv5*	0.0	0.0	0.0	(0.0)
standard and adapted CIELAB				
LAB*LAB	95.46	-0.39	4.69	
LAB*LAB	95.46	0.0	0.0	
LAB*LAB	99.99	0.01	0.0	

relative CIELAB lab*

lab*lab	1.0	0.0	0.0
lab*ich	0.0	1.0	0.0
lab*nch	0.0	0.0	1.0
relative Natural Colour (NC)			
lab*trj	1.0	0.0	0.0
lab*trc	0.0	1.0	0.0
lab*trc	0.0	0.0	1.0

relative Inform. Technology (IT)

olv3*	0.75	0.879	1.0	(1.0)
olv3*	0.25	0.121	0.0	(0.0)
olv4*	0.75	0.879	1.0	(1.0)
olv4*	0.25	0.121	0.0	(0.0)
olv5*	0.75	0.879	1.0	(1.0)
olv5*	0.25	0.121	0.0	(0.0)
standard and adapted CIELAB				
LAB*LAB	82.06	-1.56	-7.76	
LAB*LAB	82.06	-1.56	-11.57	
LAB*LAB	97.5	11.66	263.32	

relative CIELAB lab*

lab*lab	0.827	-0.028	-0.247
lab*ich	0.875	0.25	0.731
lab*nch	0.0	0.25	0.731
relative Natural Colour (NC)			
lab*trj	0.827	0.0	-0.249
lab*trc	0.875	0.25	0.731
lab*trc	0.0	0.25	0.731

relative Inform. Technology (IT)

olv3*	0.5	0.5	0.5	(1.0)
olv3*	0.0	0.0	0.0	(0.0)
olv4*	0.5	0.5	0.5	(1.0)
olv4*	0.0	0.0	0.0	(0.0)
olv5*	0.5	0.5	0.5	(1.0)
olv5*	0.0	0.0	0.0	(0.0)
standard and adapted CIELAB				
LAB*LAB	68.67	-2.73	-20.23	
LAB*LAB	68.67	-2.73	-23.15	
LAB*LAB	75.0	23.32	263.33	

relative CIELAB lab*

lab*lab	0.654	-0.057	-0.496
lab*ich	0.75	0.5	0.731
lab*nch	0.0	0.5	0.731
relative Natural Colour (NC)			
lab*trj	0.654	0.0	-0.499
lab*trc	0.75	0.5	0.731
lab*trc	0.0	0.5	0.731

relative Inform. Technology (IT)

olv3*	0.75	0.75	0.75	(1.0)
olv3*	0.25	0.25	0.25	(0.0)
olv4*	1.0	1.0	1.0	(1.0)
olv4*	0.0	0.0	0.0	(0.0)
olv5*	1.0	1.0	1.0	(1.0)
olv5*	0.0	0.0	0.0	(0.0)
standard and adapted CIELAB				
LAB*LAB	76.12	-0.12	3.4	
LAB*LAB	76.12	0.0	0.0	
LAB*LAB	75.0	0.01	0.0	

relative CIELAB lab*

lab*lab	0.75	0.5	0.0
lab*ich	0.75	0.0	0.0
lab*nch	0.0	0.5	0.0
relative Natural Colour (NC)			
lab*trj	0.75	0.5	0.0
lab*trc	0.75	0.0	0.0
lab*trc	0.0	0.5	0.0

relative Inform. Technology (IT)

olv3*	0.5	0.629	0.75	(1.0)
olv3*	0.25	0.371	0.25	(0.0)
olv4*	0.75	0.879	1.0	(1.0)
olv4*	0.25	0.121	0.0	(0.0)
olv5*	0.75	0.879	1.0	(1.0)
olv5*	0.25	0.121	0.0	(0.0)
standard and adapted CIELAB				
LAB*LAB	62.72	-1.29	-9.05	
LAB*LAB	62.72	-1.34	-11.57	
LAB*LAB	62.5	11.66	263.34	

relative CIELAB lab*

lab*lab	0.654	-0.057	-0.496
lab*ich	0.75	0.5	0.731
lab*nch	0.0	0.5	0.731
relative Natural Colour (NC)			
lab*trj	0.654	0.0	-0.499
lab*trc	0.75	0.5	0.731
lab*trc	0.0	0.5	0.731

relative Inform. Technology (IT)

olv3*	0.0	0.388	0.75	(1.0)
olv3*	0.75	0.492	0.25	(0.0)
olv4*	0.5	0.758	1.0	(1.0)
olv4*	0.25	0.242	0.0	(0.0)
olv5*	0.5	0.758	1.0	(1.0)
olv5*	0.25	0.242	0.0	(0.0)
standard and adapted CIELAB				
LAB*LAB	49.33	-2.46	-21.53	
LAB*LAB	49.33	-2.7	-23.15	
LAB*LAB	50.0	23.32	263.34	

relative CIELAB lab*

lab*lab	0.481	-0.086	-0.744
lab*ich	0.625	0.75	0.731
lab*nch	0.0	0.75	0.731
relative Natural Colour (NC)			
lab*trj	0.481	0.0	-0.749
lab*trc	0.625	0.75	0.731
lab*trc	0.0	0.75	0.731

relative Inform. Technology (IT)

olv3*	0.25	0.25	0.25	(1.0)
olv3*	0.75	0.75	0.75	(0.0)
olv4*	1.0	1.0	1.0	(1.0)
olv4*	0.0	0.0	0.0	(0.0)
olv5*	1.0	1.0	1.0	(1.0)
olv5*	0.0	0.0	0.0	(0.0)
standard and adapted CIELAB				
LAB*LAB	56.78	0.3	2.11	
LAB*LAB	56.78	0.0	0.0	
LAB*LAB	50.0	0.01	0.0	

relative CIELAB lab*

lab*lab	0.5	0.5	0.0
lab*ich	0.5	0.0	0.0
lab*nch	0.0	0.5	0.0
relative Natural Colour (NC)			
lab*trj	0.5	0.5	0.0
lab*trc	0.5	0.0	0.0
lab*trc	0.0	0.5	0.0

relative Inform. Technology (IT)

olv3*	0.25	0.388	0.75	(1.0)
olv3*	0.75	0.492	0.25	(0.0)
olv4*	0.5	0.758	1.0	(1.0)
olv4*	0.25	0.242	0.0	(0.0)
olv5*	0.5	0.758	1.0	(1.0)
olv5*	0.25	0.242	0.0	(0.0)
standard and adapted CIELAB				
LAB*LAB	49.33	-2.46	-21.53	
LAB*LAB	49.33	-2.7	-23.15	
LAB*LAB	50.0	23.32	263.34	

relative CIELAB lab*

lab*lab	0.388	-0.115	-0.992
lab*ich	0.5	0.75	0.731
lab*nch	0.0	0.75	0.731
relative Natural Colour (NC)			
lab*trj	0.388	0.0	-0.999
lab*trc	0.5	0.75	0.731
lab*trc	0.0	0.75	0.731

relative Inform. Technology (IT)

olv3*	0.0	0.388	0.75	(1.0)
olv3*	0.75	0.492	0.25	(0.0)
olv4*	0.5	0.758	1.0	(1.0)
olv4*	0.25	0.242	0.0	(0.0)
olv5*	0.5	0.758	1.0	(1.0)
olv5*	0.25	0.242	0.0	(0.0)
standard and adapted CIELAB				
LAB*LAB	49.33	-2.46	-21.53	
LAB*LAB	49.33	-2.7	-23.15	
LAB*LAB	50.0	23.32	263.34	

relative CIELAB lab*

lab*lab	0.388	-0.115	-0.992
lab*ich	0.5	0.75	0.731
lab*nch	0.0	0.75	0.731
relative Natural Colour (NC)			
lab*trj	0.388	0.0	-0.999
lab*trc	0.5	0.75	0.731
lab*trc	0.0	0.75	0.731

relative Inform. Technology (IT)

olv3*	0.25	0.25	0.25	(1.0)
olv3*	0.75	0.75	0.75	(0.0)
olv4*	1.0	1.0	1.0	(1.0)
olv4*	0.0	0.0	0.0	(0.0)
olv5*	1.0	1.0	1.0	(1.0)
olv5*	0.0	0.0	0.0	(0.0)
standard and adapted CIELAB				
LAB*LAB	37.44	-0.67	0.82	
LAB*LAB	37.44	0.0	0.0	
LAB*LAB	25.0	0.01	0.0	

relative CIELAB lab*

lab*lab	0.37	-0.028	-0.247
lab*ich	0.375	0.25	0.731
lab*nch	0.0	0.25	0.731
relative Natural Colour (NC)			
lab*trj	0.37	0.0	-0.249
lab*trc	0.375	0.25	0.731
lab*trc	0.0	0.25	0.731

relative Inform. Technology (IT)

olv3*	0.0	0.258	0.5	(1.0)
olv3*	1.0	0.742	0.5	(0.0)
olv4*	0.5	0.758	1.0	(1.0)
olv4*	0.25	0.242	0.0	(0.0)
olv5*	0.5	0.758	1.0	(1.0)
olv5*	0.25	0.242	0.0	(0.0)
standard and adapted CIELAB				
LAB*LAB	29.99	-2.69	-23.15	
LAB*LAB	29.99	-2.69	-23.15	
LAB*LAB	25.01	23.31	263.35	

relative CIELAB lab*

lab*lab	0.231	-0.086	-0.744
lab*ich	0.375	0.75	0.732
lab*nch	0.0	0.75	0.732
relative Natural Colour (NC)			
lab*trj	0.231	0.0	-0.749
lab*trc	0.375	0.75	0.732
lab*trc	0.0	0.75	0.732

relative Inform. Technology (IT)

olv3*	0.25	0.25	0.25	(1.0)
olv3*	0.75	0.75	0.75	(0.0)
olv4*	1.0	1.0	1.0	(1.0)
olv4*	0.0	0.0	0.0	(0.0)
olv5*	1.0	1.0	1.0	(1.0)
olv5*	0.0	0.0	0.0	(0.0)
standard and adapted CIELAB				
LAB*LAB	23.87	0.0	0.0	
LAB*LAB	23.87	0.0	0.0	
LAB*LAB	25.01	23.31	263.35	

relative CIELAB lab*

lab*lab	0.25	0.0	0.0
lab*ich	0.25	0.0	0.0
lab*nch	0.0	0.25	0.0
relative Natural Colour (NC)			
lab*trj	0.25	0.0	0.0
lab*trc	0.25	0.0	0.0
lab*trc	0.0	0.25	0.0

relative Inform. Technology (IT)

olv3*	0.0	0.0	0.0	(1.0)
olv3*	1.0	1.0	1.0	(0.0)
olv4*	1.0	1.0	1.0	(1.0)
olv4*	0.0	0.0	0.0	(0.0)
olv5*	1.0	1.0	1.0	(1.0)
olv5*	0.0	0.0	0.0	(0.0)
standard and adapted CIELAB				
LAB*LAB	18.1	0.0	0.46	
LAB*LAB	18.1	0.0	0.0	
LAB*LAB	0.01	0.0	0.0	

relative CIELAB lab*

lab*lab	0.0	0.0	0.0
lab*ich	0.0	1.0	0.0
lab*nch	0.0	0.0	1.0
relative Natural Colour (NC)			
lab*trj	0.0	1.0	0.0
lab*trc	0.0	0.0	1.0
lab*trc	0.0	0.0	0.0

relative Inform. Technology (IT)

olv3*	0.0	0.258	0.5	(1.0)
olv3*	1.0	0.742	0.5	(0.0)
olv4*	0.5	0.758	1.0	(1.0)
olv4*	0.25	0.242	0.0	(0.0)
olv5*	0.5	0.758	1.0	(1.0)
olv5*	0.25	0.242	0.0	(0.0)
standard and adapted CIELAB				
LAB*LAB	24.04	-1.34	-11.57	
LAB*LAB	24.04	-1.34	-11.57	
LAB*LAB	25.01	23.31	263.35	

relative CIELAB lab*

lab*lab	0.077	-0.028	-0.247
lab*ich	0.125	0.25	0.732
lab*nch	0.0	0.25	0.732
relative Natural Colour (NC)			
lab*trj	0.077	0.0	-0.249
lab*trc	0.125	0.25	0.732