

Eingabe: Farbmetrisches Offset-Reflektiv-System ORS18

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

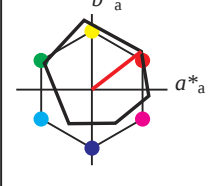
lab^*ich und lab^*nch

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*	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	0.75	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	(

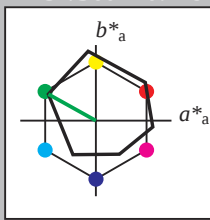
Eingabe: Farbmetrisches Offset-Reflektiv-System ORS18

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

lab^*ich 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*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*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*ice 1.0 0.0 0.0
lab*nice 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 -

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*ice 0.75 0.0 0.0
lab*nice 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*LAB 56.71 0.0 0.0
LAB*LAB 50.01 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*ice 0.5 0.0 0.0
lab*nice 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 37.36 0.13 0.83
LAB*LAB 37.36 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 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 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 0.0 0.47
LAB*LAB 18.02 0.0 0.0
LAB*LAB 0.01 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 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 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*LAB 73.15 -31.96 20.73
LAB*LAB 75.00 35.95 150.91

relative CIELAB lab*
lab*lab 0.712 -0.436 0.243
lab*ich 0.712 -0.436 0.243
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*tr 0.712 -0.436 0.243
lab*ice 0.712 -0.436 0.243
lab*nice 0.0 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 (0.0)
cmyn4* 0.5 0.0 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 53.81 -31.6 19.43
LAB*LAB 53.81 -31.6 19.43
LAB*LAB 50.0 35.95 150.91

relative CIELAB lab*
lab*lab 0.569 -0.654 0.365
lab*ich 0.569 -0.654 0.365
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*tr 0.569 -0.654 0.365
lab*ice 0.569 -0.654 0.365
lab*nice 0.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.0 0.75 0.0 (1.0)
cmyn3* 0.75 0.0 0.75 (0.0)
olv4* 0.5 1.0 0.5 (0.0)
cmyn4* 0.5 0.0 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 33.81 -31.6 19.43
LAB*LAB 33.81 -31.6 19.43
LAB*LAB 50.0 35.95 150.91

relative CIELAB lab*
lab*lab 0.319 -0.654 0.365
lab*ich 0.319 -0.654 0.365
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*tr 0.319 -0.654 0.365
lab*ice 0.319 -0.654 0.365
lab*nice 0.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 0.5 1.0 (0.0)
olv4* 0.5 1.0 0.5 (0.0)
cmyn4* 0.5 0.0 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 34.46 -31.22 18.12
LAB*LAB 34.46 -31.22 18.12
LAB*LAB 25.01 35.95 150.91

relative CIELAB lab*
lab*lab 0.213 -0.436 0.243
lab*ich 0.213 -0.436 0.243
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*tr 0.213 -0.436 0.243
lab*ice 0.213 -0.436 0.243
lab*nice 0.0 0.0 0.0

$n^* = 0.50$

relative Inform. Technology (IT)
olv3* 0.25 1.0 0.25 (1.0)
cmyn3* 0.75 0.0 0.75 (0.0)
olv4* 0.25 1.0 0.25 (1.0)
cmyn4* 0.75 0.0 0.75 (0.0)
standard and adapted CIELAB
LAB*LAB 62.02 -47.16 26.21
LAB*LAB 62.02 -47.16 26.21
LAB*LAB 62.5 53.92 150.91

relative CIELAB lab*
lab*lab 0.569 -0.654 0.365
lab*ich 0.569 -0.654 0.365
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*tr 0.569 -0.654 0.365
lab*ice 0.569 -0.654 0.365
lab*nice 0.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.0 0.25 0.0 (1.0)
cmyn3* 0.25 0.0 0.25 (0.0)
olv4* 0.25 1.0 0.25 (0.0)
cmyn4* 0.25 0.0 0.25 (0.0)
standard and adapted CIELAB
LAB*LAB 50.9 -62.95 36.7
LAB*LAB 50.9 -62.95 36.7
LAB*LAB 50.0 71.89 150.91

relative CIELAB lab*
lab*lab 0.425 -0.956 0.289
lab*ich 0.425 -0.956 0.289
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*tr 0.425 -0.956 0.289
lab*ice 0.425 -0.956 0.289
lab*nice 0.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (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 56.72 0.0 0.0
LAB*LAB 56.72 0.0 0.0
LAB*LAB 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*ice 0.5 0.0 0.0
lab*nice 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 37.36 0.13 0.83
LAB*LAB 37.36 0.0 0.0
LAB*LAB 25.01 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*ice 0.25 0.0 0.0
lab*nice 0.0 0.0 0.0

$n^* = 0.25$

relative Inform. Technology (IT)
olv3* 0.0 0.25 0.0 (1.0)
cmyn3* 0.25 0.0 0.25 (0.0)
olv4* 0.25 1.0 0.25 (0.0)
cmyn4* 0.25 0.0 0.25 (0.0)
standard and adapted CIELAB
LAB*LAB 50.9 -62.95 36.7
LAB*LAB 50.9 -62.95 36.7
LAB*LAB 50.0 71.89 150.91

relative CIELAB lab*
lab*lab 0.319 -0.654 0.365
lab*ich 0.319 -0.654 0.365
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*tr 0.319 -0.654 0.365
lab*ice 0.319 -0.654 0.365
lab*nice 0.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 0.0 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 18.03 0.0 0.0
LAB*LAB 18.03 0.0 0.0
LAB*LAB 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*ice 0.0 0.0 0.0
lab*nice 1.0 0.0 0.0

$n^* = 0.00$

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 95.41 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*ice 1.0 0.0 0.0
lab*nice 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 -

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*ice 0.75 0.0 0.0
lab*nice 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*LAB 56.72 0.0 0.0
LAB*LAB 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*ice 0.5 0.0 0.0
lab*nice 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 37.36 0.13 0.83
LAB*LAB 37.36 0.0 0.0
LAB*LAB 25.01 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*ice 0.25 0.0 0.0
lab*nice 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 18.03 0.0 0.0
LAB*LAB 18.03 0.0 0.0
LAB*LAB 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*ice 0.0 0.0 0.0
lab*nice 1.0 0.0 0.0

$n^* = 1.0$

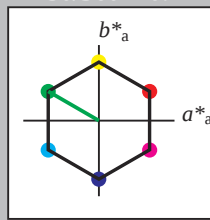
Ausgabe: Farbmetrisches Standard-Reflektiv-System SRS18

für Buntton $h^* = lab^*h = 150/360 = 0.417$

lab^*tch und lab^*nch

D65: Buntton L
LCH*Ma: 57 77 150
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 0.0 0.0
LAB*LAB 95.41 0.0 0.0
LAB*LAB 95.41 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*ice 1.0 0.0 0.0
lab*nice 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 -

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*ice 0.75 0.0 0.0
lab*nice 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*LAB 56.72 0.0 0.0
LAB*LAB 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*ice 0.5 0.0 0.0
lab*nice 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 37.36 0.13 0.83
LAB*LAB 37.36 0.0 0.0
LAB*LAB 25.01 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*ice 0.25 0.0 0.0
lab*nice 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 18.03 0.0 0.0
LAB*LAB 18.03 0.0 0.0
LAB*LAB 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*ice 0.0 0.0 0.0
lab*nice 1.0 0.0 0.0

$n^* = 1.0$

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 85.73 -16.74 9.67
LAB*LAB 85.73 -16.74 9.67
LAB*LAB 87.5 19.34 150.0

relative CIELAB lab*
lab*lab 0.875 -0.24 0.068
lab*ich 0.875 -0.24 0.068
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*tr 0.875 -0.24 0.068
lab*ice 0.875 -0.24 0.068
lab*nice 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* 0.75 1.0 0.75 (1.0)
cmyn4* 0.5 0.0 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 66.39 -16.75 9.68
LAB*LAB 66.39 -16.75 9.68
LAB*LAB 62.5 19.35 150.0

relative CIELAB lab*
lab*lab 0.625 -0.24 0.068
lab*ich 0.625 -0.24 0.068
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*tr 0.625 -0.24 0.068
lab*ice 0.625 -0.24 0.068
lab*nice 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* 0.75 1.0 0.75 (1.0)
cmyn4* 0.25 0.0 0.25 (0.0)
standard and adapted CIELAB
LAB*LAB 47.04 -16.75 9.68
LAB*LAB 47.04 -16.75 9.68
LAB*LAB 37.5 19.35 150.0

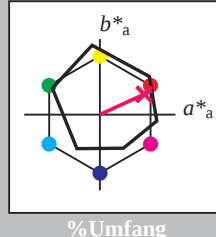
relative CIELAB lab*
lab*lab 0.375 -0.24 0.068
lab*ich 0.375 -0.24 0.068
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*tr 0.375 -0.24 0.068
lab*ice 0.375 -0.24 0.068
lab*nice 0.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.0 0.25 0.0 (1.0)

Eingabe: Farbmetrisches Offset-Reflektiv-System ORS18 für Buntton $h^* = lab^*h = 25/360 = 0.069$ lab^*ich und lab^*nch

D65: Buntton R
LCH*Ma: 48 75 25
olv*Ma: 1.0 0.0 0.32

Dreiecks-Helligkeit t^*



relative Inform. Technology (IT)

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

relative Inform. Technology (IT)

olvi3*	1.0	0.75	0.831	(1.0)
olvi4*	0.0	0.25	0.169	(0.0)
olvi5*	0.0	0.75	0.831	(1.0)
olvi6*	0.0	0.25	0.169	(0.0)
olvi7*	0.0	0.75	0.831	(1.0)
olvi8*	0.0	0.25	0.169	(0.0)
olvi9*	0.0	0.75	0.831	(1.0)
olvi10*	0.0	0.25	0.169	(0.0)
olvi11*	0.0	0.75	0.831	(1.0)
olvi12*	0.0	0.25	0.169	(0.0)
olvi13*	0.0	0.75	0.831	(1.0)
olvi14*	0.0	0.25	0.169	(0.0)
olvi15*	0.0	0.75	0.831	(1.0)
olvi16*	0.0	0.25	0.169	(0.0)
olvi17*	0.0	0.75	0.831	(1.0)
olvi18*	0.0	0.25	0.169	(0.0)
olvi19*	0.0	0.75	0.831	(1.0)
olvi20*	0.0	0.25	0.169	(0.0)
olvi21*	0.0	0.75	0.831	(1.0)
olvi22*	0.0	0.25	0.169	(0.0)
olvi23*	0.0	0.75	0.831	(1.0)
olvi24*	0.0	0.25	0.169	(0.0)
olvi25*	0.0	0.75	0.831	(1.0)
olvi26*	0.0	0.25	0.169	(0.0)
olvi27*	0.0	0.75	0.831	(1.0)
olvi28*	0.0	0.25	0.169	(0.0)
olvi29*	0.0	0.75	0.831	(1.0)
olvi30*	0.0	0.25	0.169	(0.0)
olvi31*	0.0	0.75	0.831	(1.0)
olvi32*	0.0	0.25	0.169	(0.0)
olvi33*	0.0	0.75	0.831	(1.0)
olvi34*	0.0	0.25	0.169	(0.0)
olvi35*	0.0	0.75	0.831	(1.0)
olvi36*	0.0	0.25	0.169	(0.0)
olvi37*	0.0	0.75	0.831	(1.0)
olvi38*	0.0	0.25	0.169	(0.0)
olvi39*	0.0	0.75	0.831	(1.0)
olvi40*	0.0	0.25	0.169	(0.0)
olvi41*	0.0	0.75	0.831	(1.0)
olvi42*	0.0	0.25	0.169	(0.0)
olvi43*	0.0	0.75	0.831	(1.0)
olvi44*	0.0	0.25	0.169	(0.0)
olvi45*	0.0	0.75	0.831	(1.0)
olvi46*	0.0	0.25	0.169	(0.0)
olvi47*	0.0	0.75	0.831	(1.0)
olvi48*	0.0	0.25	0.169	(0.0)
olvi49*	0.0	0.75	0.831	(1.0)
olvi50*	0.0	0.25	0.169	(0.0)
olvi51*	0.0	0.75	0.831	(1.0)
olvi52*	0.0	0.25	0.169	(0.0)
olvi53*	0.0	0.75	0.831	(1.0)
olvi54*	0.0	0.25	0.169	(0.0)
olvi55*	0.0	0.75	0.831	(1.0)
olvi56*	0.0	0.25	0.169	(0.0)
olvi57*	0.0	0.75	0.831	(1.0)
olvi58*	0.0	0.25	0.169	(0.0)
olvi59*	0.0	0.75	0.831	(1.0)
olvi60*	0.0	0.25	0.169	(0.0)
olvi61*	0.0	0.75	0.831	(1.0)
olvi62*	0.0	0.25	0.169	(0.0)
olvi63*	0.0	0.75	0.831	(1.0)
olvi64*	0.0	0.25	0.169	(0.0)
olvi65*	0.0	0.75	0.831	(1.0)
olvi66*	0.0	0.25	0.169	(0.0)
olvi67*	0.0	0.75	0.831	(1.0)
olvi68*	0.0	0.25	0.169	(0.0)
olvi69*	0.0	0.75	0.831	(1.0)
olvi70*	0.0	0.25	0.169	(0.0)
olvi71*	0.0	0.75	0.831	(1.0)
olvi72*	0.0	0.25	0.169	(0.0)
olvi73*	0.0	0.75	0.831	(1.0)
olvi74*	0.0	0.25	0.169	(0.0)
olvi75*	0.0	0.75	0.831	(1.0)
olvi76*	0.0	0.25	0.169	(0.0)
olvi77*	0.0	0.75	0.831	(1.0)
olvi78*	0.0	0.25	0.169	(0.0)
olvi79*	0.0	0.75	0.831	(1.0)
olvi80*	0.0	0.25	0.169	(0.0)
olvi81*	0.0	0.75	0.831	(1.0)
olvi82*	0.0	0.25	0.169	(0.0)
olvi83*	0.0	0.75	0.831	(1.0)
olvi84*	0.0	0.25	0.169	(0.0)
olvi85*	0.0	0.75	0.831	(1.0)
olvi86*	0.0	0.25	0.169	(0.0)
olvi87*	0.0	0.75	0.831	(1.0)
olvi88*	0.0	0.25	0.169	(0.0)
olvi89*	0.0	0.75	0.831	(1.0)
olvi90*	0.0	0.25	0.169	(0.0)
olvi91*	0.0	0.75	0.831	(1.0)
olvi92*	0.0	0.25	0.169	(0.0)
olvi93*	0.0	0.75	0.831	(1.0)
olvi94*	0.0	0.25	0.169	(0.0)
olvi95*	0.0	0.75	0.831	(1.0)
olvi96*	0.0	0.25	0.169	(0.0)
olvi97*	0.0	0.75	0.831	(1.0)
olvi98*	0.0	0.25	0.169	(0.0)
olvi99*	0.0	0.75	0.831	(1.0)
olvi100*	0.0	0.25	0.169	(0.0)

relative Inform. Technology (IT)

olvi3*	0.75	0.5	0.581	(1.0)
cmyn3*	0.25	0.5	0.419	(0.0)
olvi4*	1.0	0.75	0.831	0.75
cmyn4*	0.0	0.25	0.169	0.25

standard and adapted CIELAB

LAB*LAB	64.21	16.75	10.54
LAB*LABa	64.21	17.14	7.88
LAB*TCHa	62.5	18.87	24.7

relative CIELAB lab*

lab*a	0.597	0.227	0.104
lab*ch	0.625	0.25	0.069
lab*nch	0.25	0.25	0.069

relative Natural Colour (NC)

lab*lr	0.597	0.25	0.09
lab*trc	0.625	0.25	0.09
lab*nrc	0.25	0.25	0.09

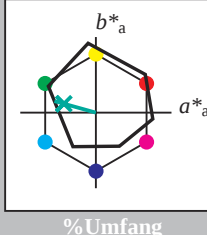
Eingabe: Farbmetrisches Offset-Reflektiv-System ORS18

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

lab^*ich und lab^*nch

D65: Buntton G
LCH*Ma: 53 57 164
olv*Ma: 0.0 1.0 0.25

Dreiecks-Helligkeit t^*



relative Inform. Technology (IT)
olv3* 0.75 0.75 0.75 (1.0)
cmyn3* 0.25 0.25 0.25 (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 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*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*ice 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 (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 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 0.0 0.0
lab*ich 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*ice 0.75 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 (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 56.71 -0.24 2.14
LAB*LAB 56.71 0.0 0.0
LAB*LAB 55.00 0.01 0.0

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*trj 0.5 0.0 0.0
lab*ice 0.5 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 (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 -0.13 0.83
LAB*LAB 37.36 0.0 0.0
LAB*LAB 35.00 0.01 0.0

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*trj 0.25 0.0 0.0
lab*ice 0.25 0.0 0.0
lab*nce 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 0.0 0.0
LAB*LAB 18.02 0.0 0.0
LAB*LAB 18.02 0.01 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*trj 0.0 0.0 0.0
lab*ice 0.0 0.0 0.0
lab*nce 1.0 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 0.0 0.0
LAB*LAB 18.02 0.0 0.0
LAB*LAB 18.02 0.01 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*trj 0.0 0.0 0.0
lab*ice 0.0 0.0 0.0
lab*nce 1.0 0.0 0.0

ORS18; adaptierte CIELAB-Daten

	$L^*=L_a$	a^*	b^*	$C^*_{ab,a}$	$h^*_{ab,a}$
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 0.5 (1.0)
cmyn3* 0.5 0.5 0.5 (0.0)
olv4* 0.5 1.0 1.0 0.5
cmyn4* 0.0 0.0 0.0 0.0
standard and adapted CIELAB
LAB*LAB 74.1 -27.98 10.94
LAB*LAB 74.1 0.0 0.0
LAB*LAB 75.0 28.45 164.46

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*trj 0.75 0.0 0.0
lab*ice 0.75 0.0 0.0
lab*nce 0.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.25 0.5 0.25 (1.0)
cmyn3* 0.75 0.25 0.75 (0.0)
olv4* 0.5 1.0 0.5 0.5
cmyn4* 0.0 0.0 0.0 0.0
standard and adapted CIELAB
LAB*LAB 54.76 -27.61 9.64
LAB*LAB 54.76 0.0 0.0
LAB*LAB 50.0 28.46 164.45

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*trj 0.5 0.0 0.0
lab*ice 0.5 0.0 0.0
lab*nce 0.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.0 0.75 0.18 (1.0)
cmyn3* 0.75 0.25 0.62 (0.0)
olv4* 0.5 1.0 0.5 0.5
cmyn4* 0.0 0.0 0.0 0.0
standard and adapted CIELAB
LAB*LAB 34.1 -27.24 8.4
LAB*LAB 34.1 0.0 0.0
LAB*LAB 35.0 28.46 164.45

relative CIELAB lab*
lab*lab 0.33 0.21 0.201
lab*ich 0.33 0.21 0.201
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.33 0.21 0.201
lab*ice 0.33 0.21 0.201
lab*nce 0.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.0 0.5 0.18 (1.0)
cmyn3* 0.75 0.25 0.62 (0.0)
olv4* 0.5 1.0 0.5 0.5
cmyn4* 0.0 0.0 0.0 0.0
standard and adapted CIELAB
LAB*LAB 34.1 -27.24 8.4
LAB*LAB 34.1 0.0 0.0
LAB*LAB 35.0 28.46 164.45

relative CIELAB lab*
lab*lab 0.25 0.12 0.11
lab*ich 0.25 0.12 0.11
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.25 0.12 0.11
lab*ice 0.25 0.12 0.11
lab*nce 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 0.0 0.0
LAB*LAB 18.02 0.0 0.0
LAB*LAB 18.02 0.01 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*trj 0.0 0.0 0.0
lab*ice 0.0 0.0 0.0
lab*nce 1.0 0.0 0.0

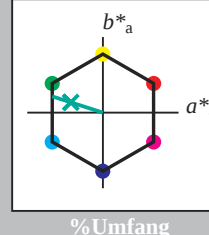
Ausgabe: Farbmetrisches Standard-Reflektiv-System SRS18

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

lab^*ich und lab^*nch

D65: Buntton G
LCH*Ma: 57 70 162
olv*Ma: 0.0 1.0 0.22

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*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*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*ice 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 (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 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 0.0 0.0
lab*ich 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*ice 0.75 0.0 0.0
lab*nce 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 52.8 -54.81 15.26
LAB*LAB 52.8 0.0 0.0
LAB*LAB 50.0 56.91 164.45

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*trj 0.5 0.0 0.0
lab*ice 0.5 0.0 0.0
lab*nce 0.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.25 0.25 0.25 (1.0)
cmyn3* 0.75 0.25 0.75 (0.0)
olv4* 0.5 1.0 0.5 0.5
cmyn4* 0.0 0.0 0.0 0.0
standard and adapted CIELAB
LAB*LAB 37.37 0.0 0.0
LAB*LAB 37.37 0.0 0.0
LAB*LAB 35.00 0.01 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*trj 0.25 0.0 0.0
lab*ice 0.25 0.0 0.0
lab*nce 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 18.03 0.0 0.0
LAB*LAB 18.03 0.0 0.0
LAB*LAB 18.03 0.01 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*trj 0.0 0.0 0.0
lab*ice 0.0 0.0 0.0
lab*nce 1.0 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 18.03 0.0 0.0
LAB*LAB 18.03 0.0 0.0
LAB*LAB 18.03 0.01 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*trj 0.0 0.0 0.0
lab*ice 0.0 0.0 0.0
lab*nce 1.0 0.0 0.0

SRS18; adaptierte CIELAB-Daten

	$L^*=L_a$	a^*	b^*	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	56.71	67.03	38.7	77.4	30
Y _{Ma}	56.71	0.0	77.4	77.4	90
L _{Ma}	56.71	-67.02	38.7	77.4	150
C _{Ma}	56.71	-67.02	-38.69	77.4	210
V _{Ma}	56.71	0.0	-77.39	77.4	270
M _{Ma}	56.71	67.03	-38.69	77.4	330
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

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

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

relative Inform. Technology (IT)
olv3* 0.5 1.0 0.5 (1.0)
cmyn3* 0.5 0.5 0.5 (0.0)
olv4* 0.5 1.0 1.0 0.5
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 0.0 0.0
lab*ich 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*ice 0.75 0.0 0.0
lab*nce 0.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.25 0.5 0.25 (1.0)
cmyn3* 0.75 0.25 0.75 (0.0)
olv4* 0.5 1.0 0.5 0.5
cmyn4* 0.0 0.0 0.0 0.0
standard and adapted CIELAB
LAB*LAB 56.71 -33.5 10.75
LAB*LAB 56.71 0.0 0.0
LAB*LAB 50.0 35.2 162.22

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*trj 0.5 0.0 0.0
lab*ice 0.5 0.0 0.0
lab*nce 0.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.0 0.75 0.18 (1.0)
cmyn3* 0.75 0.25 0.62 (0.0)
olv4* 0.5 1.0 0.5 0.5
cmyn4* 0.0 0.0 0.0 0.0
standard and adapted CIELAB
LAB*LAB 37.36 -0.13 0.83
LAB*LAB 37.36 0.0 0.0
LAB*LAB 35.00 0.01 0.01

relative CIELAB lab*
lab*lab 0.25 0.12 0.11
lab*ich 0.25 0.12 0.11
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.25 0.12 0.11
lab*ice 0.25 0.12 0.11
lab*nce 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 0.0 0.0
LAB*LAB 18.02 0.0 0.0
LAB*LAB 18.02 0.01 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*trj 0.0 0.0 0.0
lab*ice 0.0 0.0 0.0
lab*nce 1.0 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 18.03 0.0 0.0
LAB*LAB 18.03 0.0 0.0
LAB*LAB 18.03 0.01 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*trj 0.0 0.0 0.0
lab*ice 0.0 0.0 0.0
lab*nce 1.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.5 1.0 0.5 (1.0)
cmyn3* 0.5 0.5 0.5 (0.0)
olv4* 0.5 1.0 1.0 0.5
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 0.0 0.0
lab*ich 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*ice 0.75 0.0 0.0
lab*nce 0.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.25 0.5 0.25 (1.0)
cmyn3* 0.75 0.25 0.75 (0.0)
olv4* 0.5 1.0 0.5 0.5
cmyn4* 0.0 0.0 0.0 0.0
standard and adapted CIELAB
LAB*LAB 56.71 -33.5 10.75
LAB*LAB 56.71 0.0 0.0
LAB*LAB 50.0 35.2 162.22

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*trj 0.5 0.0 0.0
lab*ice 0.5 0.0 0.0
lab*nce 0.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.0 0.75 0.18 (1.0)
cmyn3* 0.75 0.25 0.62 (0.0)
olv4* 0.5 1.0 0.5 0.5
cmyn4* 0.0 0.0 0.0 0.0
standard and adapted CIELAB
LAB*LAB 37.36 -0.13 0.83
LAB*LAB 37.36 0.0 0.0
LAB*LAB 35.00 0.01 0.01

relative CIELAB lab*
lab*lab 0.25 0.12 0.11
lab*ich 0.25 0.12 0.11
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.25 0.12 0.11
lab*ice 0.25 0.12 0.11
lab*nce 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 0.0 0.0
LAB*LAB 18.02 0.0 0.0
LAB*LAB 18.02 0.01 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*trj 0.0 0.0 0.0
lab*ice 0.0 0.0 0.0
lab*nce 1.0 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 18.03 0.0 0.0
LAB*LAB 18.03 0.0 0.0
LAB*LAB 18.03 0.01 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*trj 0.0 0.0 0.0
lab*ice 0.0 0.0 0.0
lab*nce 1.0

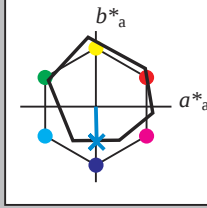
Eingabe: Farbmetrisches Offset-Reflektiv-System ORS18

für Buntton $h^* = lab^*h = 271/360 = 0.754$

lab^*ich 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)
olvi3* 1.0 1.0 1.0 (1.0)
cmyn3* 0.0 0.0 0.0 (0.0)
olvi4* 1.0 1.0 1.0 1.0
cmyn4* 0.0 0.0 0.0 0.0
standard and adapted CIELAB
LAB*LAB 95.41 -0.98 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*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*ice 1.0 0.0 0.0
lab*nce 0.0 0.0 0.0

relative Inform. Technology (IT)
olvi3* 0.75 0.75 0.75 (1.0)
cmyn3* 0.25 0.25 0.25 (0.0)
olvi4* 1.0 1.0 1.0 0.75
cmyn4* 0.0 0.0 0.0 0.25
standard and adapted CIELAB
LAB*LAB 76.06 -0.61 3.44
LAB*LAB 76.06 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 0.0
relative Natural Colour (NC)
lab*trj 0.75 0.0 0.0
lab*ice 0.75 0.0 0.0
lab*nce 0.0 0.0 0.0

relative Inform. Technology (IT)
olvi3* 0.5 0.5 0.5 (0.0)
cmyn3* 0.5 0.5 0.5 (0.0)
olvi4* 1.0 1.0 1.0 0.5
cmyn4* 0.0 0.0 0.0 0.5
standard and adapted CIELAB
LAB*LAB 56.71 -0.24 2.14
LAB*LAB 56.71 0.0 0.0
LAB*LAB 55.00 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 0.0
relative Natural Colour (NC)
lab*trj 0.5 0.0 0.0
lab*ice 0.5 0.0 0.0
lab*nce 0.0 0.0 0.0

relative Inform. Technology (IT)
olvi3* 0.25 0.25 0.25 (0.0)
cmyn3* 0.75 0.75 0.75 (1.0)
olvi4* 1.0 1.0 1.0 0.25
cmyn4* 0.0 0.0 0.0 0.75
standard and adapted CIELAB
LAB*LAB 37.36 0.0 0.0
LAB*LAB 37.36 0.0 0.0
LAB*LAB 35.00 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 0.0
relative Natural Colour (NC)
lab*trj 0.25 0.0 0.0
lab*ice 0.25 0.0 0.0
lab*nce 0.0 0.0 0.0

relative Inform. Technology (IT)
olvi3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 1.0 0.0
olvi4* 1.0 1.0 1.0 0.0
cmyn4* 0.0 0.0 0.0 1.0
standard and adapted CIELAB
LAB*LAB 18.02 0.0 0.0
LAB*LAB 18.02 0.0 0.0
LAB*LAB 18.00 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*trj 0.0 0.0 0.0
lab*ice 0.0 0.0 0.0
lab*nce 1.0 0.0 0.0

relative Inform. Technology (IT)
olvi3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 1.0 0.0
olvi4* 1.0 1.0 1.0 0.0
cmyn4* 0.0 0.0 0.0 1.0
standard and adapted CIELAB
LAB*LAB 18.02 0.0 0.0
LAB*LAB 18.02 0.0 0.0
LAB*LAB 18.00 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*trj 0.0 0.0 0.0
lab*ice 0.0 0.0 0.0
lab*nce 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)
olvi3* 0.5 0.5 0.5 (1.0)
cmyn3* 0.5 0.5 0.5 (0.0)
olvi4* 0.5 0.5 0.5 0.5
cmyn4* 0.5 0.5 0.5 0.5
standard and adapted CIELAB
LAB*LAB 68.6 0.07 -19.39
LAB*LAB 68.6 0.55 -22.34
LAB*LAB 75.0 22.36 27.14

relative CIELAB lab*
lab*lab 0.654 0.012 -0.499
lab*ich 0.75 0.5 0.754
lab*nch 0.0 0.5 0.754
relative Natural Colour (NC)
lab*trj 0.654 0.0 -0.499
lab*ice 0.75 0.5 0.75
lab*nce 0.0 0.5 0.996

relative Inform. Technology (IT)
olvi3* 0.25 0.494 0.75 (1.0)
cmyn3* 0.75 0.506 0.25 (0.0)
olvi4* 0.5 0.744 1.0 0.75
cmyn4* 0.5 0.256 0.0 0.25
standard and adapted CIELAB
LAB*LAB 49.25 0.45 -20.7
LAB*LAB 49.25 0.55 -22.35
LAB*LAB 50.0 22.36 27.14

relative CIELAB lab*
lab*lab 0.48 0.018 -0.749
lab*ich 0.625 0.75 0.754
lab*nch 0.0 0.75 0.754
relative Natural Colour (NC)
lab*trj 0.48 0.0 -0.749
lab*ice 0.625 0.75 0.75
lab*nce 0.0 0.75 0.996

relative Inform. Technology (IT)
olvi3* 0.0 0.368 0.75 (1.0)
cmyn3* 1.0 0.512 0.0 (0.0)
olvi4* 0.0 0.488 1.0 0.5
cmyn4* 0.0 0.384 0.0 0.5
standard and adapted CIELAB
LAB*LAB 55.19 0.61 -31.48
LAB*LAB 55.19 0.62 -33.52
LAB*LAB 62.5 33.54 27.14

relative CIELAB lab*
lab*lab 0.48 0.018 -0.749
lab*ich 0.625 0.75 0.754
lab*nch 0.0 0.75 0.754
relative Natural Colour (NC)
lab*trj 0.48 0.0 -0.749
lab*ice 0.625 0.75 0.75
lab*nce 0.0 0.75 0.996

relative Inform. Technology (IT)
olvi3* 0.0 0.244 0.5 (1.0)
cmyn3* 1.0 0.756 0.5 (0.0)
olvi4* 0.5 0.744 1.0 0.5
cmyn4* 0.5 0.256 0.0 0.5
standard and adapted CIELAB
LAB*LAB 29.9 0.55 -22.34
LAB*LAB 29.9 0.55 -22.34
LAB*LAB 25.01 22.36 27.14

relative CIELAB lab*
lab*lab 0.154 0.012 -0.499
lab*ich 0.25 0.5 0.754
lab*nch 0.0 0.5 0.754
relative Natural Colour (NC)
lab*trj 0.154 0.0 -0.499
lab*ice 0.25 0.5 0.75
lab*nce 0.0 0.5 0.996

relative Inform. Technology (IT)
olvi3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 0.878 0.75 (0.0)
olvi4* 0.5 0.872 0.0 0.75
cmyn4* 0.5 0.128 0.0 0.75
standard and adapted CIELAB
LAB*LAB 23.96 0.66 -11.23
LAB*LAB 23.96 0.28 -11.16
LAB*LAB 12.5 11.18 27.14

relative CIELAB lab*
lab*lab 0.077 0.006 -0.249
lab*ich 0.125 0.25 0.754
lab*nch 0.5 0.25 0.754
relative Natural Colour (NC)
lab*trj 0.077 0.0 -0.249
lab*ice 0.125 0.25 0.75
lab*nce 0.5 0.25 0.996

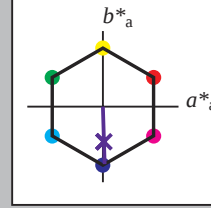
Ausgabe: Farbmetrisches Standard-Reflektiv-System SRS18

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

lab^*tch und lab^*nch

D65: Buntton B
LCH*Ma: 57 76 272
olv*Ma: 0.03 0.0 1.0

Dreiecks-Helligkeit t^*



relative Inform. Technology (IT)
olvi3* 1.0 1.0 1.0 (1.0)
cmyn3* 0.0 0.0 0.0 (0.0)
olvi4* 1.0 1.0 1.0 1.0
cmyn4* 0.0 0.0 0.0 0.0
standard and adapted CIELAB
LAB*LAB 95.41 0.0 0.0
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*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*ice 1.0 0.0 0.0
lab*nce 0.0 0.0 0.0

relative Inform. Technology (IT)
olvi3* 0.75 0.75 0.75 (1.0)
cmyn3* 0.25 0.25 0.25 (0.0)
olvi4* 1.0 1.0 1.0 0.75
cmyn4* 0.0 0.0 0.0 0.25
standard and adapted CIELAB
LAB*LAB 76.07 0.0 0.0
LAB*LAB 76.07 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 0.0
relative Natural Colour (NC)
lab*trj 0.75 0.0 0.0
lab*ice 0.75 0.0 0.0
lab*nce 0.0 0.0 0.0

relative Inform. Technology (IT)
olvi3* 0.5 0.5 0.5 (0.0)
cmyn3* 0.5 0.5 0.5 (0.0)
olvi4* 1.0 1.0 1.0 0.5
cmyn4* 0.0 0.0 0.0 0.5
standard and adapted CIELAB
LAB*LAB 56.72 0.0 0.0
LAB*LAB 56.72 0.0 0.0
LAB*LAB 55.00 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 0.0
relative Natural Colour (NC)
lab*trj 0.5 0.0 0.0
lab*ice 0.5 0.0 0.0
lab*nce 0.0 0.0 0.0

relative Inform. Technology (IT)
olvi3* 0.25 0.25 0.25 (0.0)
cmyn3* 0.75 0.75 0.75 (1.0)
olvi4* 1.0 1.0 1.0 0.25
cmyn4* 0.0 0.0 0.0 0.75
standard and adapted CIELAB
LAB*LAB 37.37 0.0 0.0
LAB*LAB 37.37 0.0 0.0
LAB*LAB 35.00 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 0.0
relative Natural Colour (NC)
lab*trj 0.25 0.0 0.0
lab*ice 0.25 0.0 0.0
lab*nce 0.0 0.0 0.0

relative Inform. Technology (IT)
olvi3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 1.0 0.0
olvi4* 1.0 1.0 1.0 0.0
cmyn4* 0.0 0.0 0.0 1.0
standard and adapted CIELAB
LAB*LAB 18.03 0.0 0.0
LAB*LAB 18.03 0.0 0.0
LAB*LAB 18.00 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*trj 0.0 0.0 0.0
lab*ice 0.0 0.0 0.0
lab*nce 1.0 0.0 0.0

relative Inform. Technology (IT)
olvi3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 1.0 0.0
olvi4* 1.0 1.0 1.0 0.0
cmyn4* 0.0 0.0 0.0 1.0
standard and adapted CIELAB
LAB*LAB 18.03 0.0 0.0
LAB*LAB 18.03 0.0 0.0
LAB*LAB 18.00 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*trj 0.0 0.0 0.0
lab*ice 0.0 0.0 0.0
lab*nce 1.0 0.0 0.0

SRS18; adaptierte CIELAB-Daten

	$L^*=L_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	56.71	67.03	38.7	77.4	30
Y _{Ma}	56.71	0.0	77.4	77.4	90
L _{Ma}	56.71	-67.02	38.7	77.4	150
C _{Ma}	56.71	-67.02	-38.69	77.4	210
V _{Ma}	56.71	0.0	-77.39	77.4	270
M _{Ma}	56.71	67.03	-38.69	77.4	330
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

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

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

relative Inform. Technology (IT)
olvi3* 0.759 0.75 1.0 (1.0)
cmyn3* 0.241 0.25 0.0 (0.0)
olvi4* 0.759 0.75 1.0 1.0
cmyn4* 0.241 0.25 0.0 0.0
standard and adapted CIELAB
LAB*LAB 85.73 0.58 -19.0
LAB*LAB 85.73 0.58 -19.0
LAB*LAB 87.5 19.02 27.14

relative CIELAB lab*
lab*lab 0.875 0.008 -0.249
lab*ich 0.875 0.25 0.755
lab*nch 0.0 0.25 0.755
relative Natural Colour (NC)
lab*trj 0.875 0.0 -0.249
lab*ice 0.875 0.25 0.75
lab*nce 0.0 0.25 0.996

relative Inform. Technology (IT)
olvi3* 0.509 0.5 0.75 (1.0)
cmyn3* 0.491 0.5 0.25 (0.0)
olvi4* 0.759 0.75 1.0 0.75
cmyn4* 0.241 0.25 0.0 0.25
standard and adapted CIELAB
LAB*LAB 66.39 0.58 -19.01
LAB*LAB 66.39 0.58 -19.01
LAB*LAB 62.5 19.02 27.14

relative CIELAB lab*
lab*lab 0.625 0.008 -0.249
lab*ich 0.625 0.25 0.755
lab*nch 0.0 0.25 0.755
relative Natural Colour (NC)
lab*trj 0.625 0.0 -0.249
lab*ice 0.625 0.25 0.75
lab*nce 0.0 0.25 0.996

relative Inform. Technology (IT)
olvi3* 0.269 0.25 0.75 (1.0)
cmyn3* 0.733 0.75 0.25 (0.0)
olvi4* 0.517 0.5 1.0 0.75
cmyn4* 0.483 0.5 0.0 0.25
standard and adapted CIELAB
LAB*LAB 56.71 1.15 -38.02
LAB*LAB 56.71 1.15 -38.02
LAB*LAB 50.0 38.05 27.14

relative CIELAB lab*
lab*lab 0.5 0.015 -0.499
lab*ich 0.5 0.5 0.755
lab*nch 0.0 0.5 0.755
relative Natural Colour (NC)
lab*trj 0.5 0.0 -0.499
lab*ice 0.5 0.5 0.75
lab*nce 0.0 0.5 0.996

relative Inform. Technology (IT)
olvi3* 0.03 0.0 0.0 (1.0)
cmyn3* 0.974 1.0 0.25 (0.0)
olvi4* 0.276 0.25 1.0 0.75
cmyn4* 0.724 0.75 0.0 0.25
standard and adapted CIELAB
LAB*LAB 47.04 1.72 -37.04
LAB*LAB 47.04 1.72 -37.04
LAB*LAB 37.51 57.07 27.13

relative CIELAB lab*
lab*lab 0.375 0.023 -0.749
lab*ich 0.375 0.75 0.755
lab*nch 0.0 0.75 0.755
relative Natural Colour (NC)
lab*trj 0.375 0.0 -0.749
lab*ice 0.375 0.75 0.75
lab*nce 0.0 0.75 0.996

relative Inform. Technology (IT)
olvi3* 0.009 0.0 0.25 (1.0)
cmyn3* 0.991 1.0 0.75 (0.0)
olvi4* 0.517 0.5 1.0 0.5
cmyn4* 0.483 0.5 0.0 0.5
standard and adapted CIELAB
LAB*LAB 27.69 0.57 -19.0
LAB*LAB 27.69 0.57 -19.0
LAB*LAB 12.5 19.02 27.12

relative CIELAB lab*
lab*lab 0.125 0.007 -0.249
lab*ich 0.125 0.25 0.755
lab*nch 0.75 0.25 0.755
relative Natural Colour (NC)
lab*trj 0.125 0.0 -0.249
lab*ice 0.125 0.25 0.75
lab*nce 0.75 0.25 0.996

relative Inform. Technology (IT)
olvi3* 0.517 0.5 1.0 (1.0)
cmyn3* 0.483 0.5 0.0 (0.0)
olvi4* 0.517 0.5 1.0 1.0
cmyn4* 0.483 0.5 0.0 0.0
standard and adapted CIELAB
LAB*LAB 76.06 1.15 -38.02
LAB*LAB 76.06 1.15 -38.02
LAB*LAB 75.0 38.04 27.14

relative CIELAB lab*
lab*lab 0.75 0.015 -0.499
lab*ich 0.75 0.5 0.755
lab*nch 0.0 0.5 0.755
relative Natural Colour (NC)
lab*trj 0.75 0.0 -0.499
lab*ice 0.75 0.5 0.75
lab*nce 0.0 0.5 0.996

relative Inform. Technology (IT)
olvi3* 0.267 0.25 0.75 (1.0)
cmyn3* 0.733 0.75 0.25 (0.0)
olvi4* 0.517 0.5 1.0 0.75
cmyn4* 0.483 0.5 0.0 0.25
standard and adapted CIELAB
LAB*LAB 56.71 1.15 -38.02
LAB*LAB 56.71 1.15 -38.02
LAB*LAB 50.0 38.05 27.14

relative CIELAB lab*
lab*lab 0.5 0.015 -0.499
lab*ich 0.5 0.5 0.755
lab*nch 0.0 0.5 0.755
relative Natural Colour (NC)
lab*trj 0.5 0.0 -0.499
lab*ice 0.5 0.5 0.75
lab*nce 0.0 0.5 0.996

relative Inform. Technology (IT)
olvi3* 0.034 0.0 0.0 (1.0)
cmyn3* 0.966 1.0 0.0 (0.0)
olvi4* 0.035 0.0 1.0 1.0
cmyn4* 0.965 1.0 0.0 0.0
standard and adapted CIELAB
LAB*LAB 56.71 2.3 -76.05
LAB*LAB 56.71 2.3 -76.05
LAB*LAB 50.0 76.09 27.13

relative CIELAB lab*
lab*lab 0.5 0.03 -0.998
lab*ich 0.5 0.0 1.0 0.755
lab*nch 0.0 1.0 0.755
relative Natural Colour (NC)
lab*trj 0.5 0.0 -0.999
lab*ice 0.5 0.0 1.0 0.75
lab*nce 0.0 1.0 0.996

relative Inform. Technology (IT)
olvi3* 0.004 0.0 0.25 (1.0)
cmyn3* 0.996 1.0 0.75 (0.0)
olvi4* 0.517 0.5 1.0 0.5
cmyn4* 0.483 0.5 0.0 0.5
standard and adapted CIELAB
LAB*LAB 27.69 0.57 -19.0
LAB*LAB 27.69 0.57 -19.0
LAB*LAB 12.5 19.02 27.12

relative CIELAB lab*
lab*lab 0.125 0.007 -0.249
lab*ich 0.125 0.25 0.755
lab*nch 0.75 0.25 0.755
relative Natural Colour (NC)
lab