

Eingabe: Farbmetrisches Offset-Reflektiv-System ORS18

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

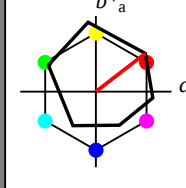
lab^*ch und lab^*nch

D65: Buntton O

LCH*Ma: 48 83 38

olv*Ma: 1.0 0.0 0.0

Dreiecks-Helligkeit t^*



ORS18; adaptierte CIELAB-Daten

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

%Regularität

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

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

relative Inform. Technology (IT)

olv3*	1.0	1.0	1.0	(1.0)
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	95.41	-0.98	4.75	
LAB*LAB	95.41	0.0	0.0	
LAB*LAB	95.41	0.0	0.0	

relative Inform. Technology (IT)

olv3*	1.0	0.75	0.75	(1.0)
olv3*	0.0	0.25	0.25	(0.0)
olv4*	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)
olv5*	0.0	0.25	0.25	(0.0)
standard and adapted CIELAB				
LAB*LAB	83.54	15.58	16.58	
LAB*LAB	83.54	16.34	12.62	
LAB*LAB	83.54	16.34	12.62	

relative Inform. Technology (IT)

olv3*	1.0	0.5	0.5	(1.0)
olv3*	0.0	0.5	0.5	(0.0)
olv4*	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)
olv5*	0.0	0.5	0.5	(0.0)
standard and adapted CIELAB				
LAB*LAB	71.67	32.69	25.25	
LAB*LAB	71.67	32.69	25.25	
LAB*LAB	71.67	32.69	25.25	

relative Inform. Technology (IT)

olv3*	1.0	0.25	0.25	(1.0)
olv3*	0.0	0.25	0.25	(0.0)
olv4*	1.0	0.25	0.25	(1.0)
olv4*	0.0	0.25	0.25	(0.0)
olv5*	1.0	0.25	0.25	(1.0)
olv5*	0.0	0.25	0.25	(0.0)
standard and adapted CIELAB				
LAB*LAB	59.8	48.73	40.24	
LAB*LAB	59.8	49.03	37.88	
LAB*LAB	59.8	49.03	37.88	

relative Inform. Technology (IT)

olv3*	1.0	0.0	0.0	(1.0)
olv3*	0.0	0.0	0.0	(0.0)
olv4*	1.0	0.0	0.0	(1.0)
olv4*	0.0	0.0	0.0	(0.0)
olv5*	1.0	0.0	0.0	(1.0)
olv5*	0.0	0.0	0.0	(0.0)
standard and adapted CIELAB				
LAB*LAB	47.94	65.37	50.51	
LAB*LAB	47.94	65.37	50.51	
LAB*LAB	47.94	65.37	50.51	

relative Inform. Technology (IT)

olv3*	0.5	0.5	0.5	(1.0)
olv3*	0.0	0.5	0.5	(0.0)
olv4*	1.0	1.0	1.0	(1.0)
olv4*	0.0	1.0	1.0	(0.0)
olv5*	1.0	1.0	1.0	(1.0)
olv5*	0.0	1.0	1.0	(0.0)
standard and adapted CIELAB				
LAB*LAB	56.71	-0.24	2.14	
LAB*LAB	56.71	0.0	0.0	
LAB*LAB	56.71	0.0	0.0	

relative Inform. Technology (IT)

olv3*	0.5	0.25	0.25	(1.0)
olv3*	0.0	0.25	0.25	(0.0)
olv4*	1.0	0.75	0.75	(1.0)
olv4*	0.0	0.75	0.75	(0.0)
olv5*	1.0	0.75	0.75	(1.0)
olv5*	0.0	0.75	0.75	(0.0)
standard and adapted CIELAB				
LAB*LAB	44.84	16.33	13.97	
LAB*LAB	44.84	16.33	13.97	
LAB*LAB	44.84	16.33	13.97	

relative Inform. Technology (IT)

olv3*	0.5	0.25	0.25	(1.0)
olv3*	0.0	0.25	0.25	(0.0)
olv4*	1.0	0.75	0.75	(1.0)
olv4*	0.0	0.75	0.75	(0.0)
olv5*	1.0	0.75	0.75	(1.0)
olv5*	0.0	0.75	0.75	(0.0)
standard and adapted CIELAB				
LAB*LAB	44.84	16.33	13.97	
LAB*LAB	44.84	16.33	13.97	
LAB*LAB	44.84	16.33	13.97	

relative Inform. Technology (IT)

olv3*	0.5	0.25	0.25	(1.0)
olv3*	0.0	0.25	0.25	(0.0)
olv4*	1.0	0.75	0.75	(1.0)
olv4*	0.0	0.75	0.75	(0.0)
olv5*	1.0	0.75	0.75	(1.0)
olv5*	0.0	0.75	0.75	(0.0)
standard and adapted CIELAB				
LAB*LAB	44.84	16.33	13.97	
LAB*LAB	44.84	16.33	13.97	
LAB*LAB	44.84	16.33	13.97	

relative Inform. Technology (IT)

olv3*	0.5	0.25	0.25	(1.0)
olv3*	0.0	0.25	0.25	(0.0)
olv4*	1.0	0.75	0.75	(1.0)
olv4*	0.0	0.75	0.75	(0.0)
olv5*	1.0	0.75	0.75	(1.0)
olv5*	0.0	0.75	0.75	(0.0)
standard and adapted CIELAB				
LAB*LAB	44.84	16.33	13.97	
LAB*LAB	44.84	16.33	13.97	
LAB*LAB	44.84	16.33	13.97	

relative Inform. Technology (IT)

olv3*	0.25	0.25	0.25	(1.0)
olv3*	0.0	0.25	0.25	(0.0)
olv4*	1.0	0.75	0.75	(1.0)
olv4*	0.0	0.75	0.75	(0.0)
olv5*	1.0	0.75	0.75	(1.0)
olv5*	0.0	0.75	0.75	(0.0)
standard and adapted CIELAB				
LAB*LAB	37.36	16.33	13.97	
LAB*LAB	37.36	16.33	13.97	
LAB*LAB	37.36	16.33	13.97	

relative Inform. Technology (IT)

olv3*	0.5	0.0	0.0	(1.0)
olv3*	0.0	0.0	0.0	(0.0)
olv4*	1.0	1.0	1.0	(1.0)
olv4*	0.0	1.0	1.0	(0.0)
olv5*	1.0	1.0	1.0	(1.0)
olv5*	0.0	1.0	1.0	(0.0)
standard and adapted CIELAB				
LAB*LAB	22.98	32.69	25.25	
LAB*LAB	22.98	32.69	25.25	
LAB*LAB	22.98	32.69	25.25	

relative Inform. Technology (IT)

olv3*	0.5	0.0	0.0	(1.0)
olv3*	0.0	0.0	0.0	(0.0)
olv4*	1.0	1.0	1.0	(1.0)
olv4*	0.0	1.0	1.0	(0.0)
olv5*	1.0	1.0	1.0	(1.0)
olv5*	0.0	1.0	1.0	(0.0)
standard and adapted CIELAB				
LAB*LAB	22.98	32.69	25.25	
LAB*LAB	22.98	32.69	25.25	
LAB*LAB	22.98	32.69	25.25	

relative Inform. Technology (IT)

olv3*	0.5	0.0	0.0	(1.0)
olv3*	0.0	0.0	0.0	(0.0)
olv4*	1.0	1.0	1.0	(1.0)
olv4*	0.0	1.0	1.0	(0.0)
olv5*	1.0	1.0	1.0	(1.0)
olv5*	0.0	1.0	1.0	(0.0)
standard and adapted CIELAB				
LAB*LAB	22.98	32.69	25.25	
LAB*LAB	22.98	32.69	25.25	
LAB*LAB	22.98	32.69	25.25	

relative Inform. Technology (IT)

olv3*	0.25	0.25	0.25	(1.0)
olv3*	0.0	0.25	0.25	(0.0)
olv4*	1.0	0.75	0.75	(1.0)
olv4*	0.0	0.75	0.75	(0.0)
olv5*	1.0	0.75	0.75	(1.0)
olv5*	0.0	0.75	0.75	(0.0)
standard and adapted CIELAB				
LAB*LAB	22.98	32.69	25.25	
LAB*LAB	22.98	32.69	25.25	
LAB*LAB	22.98	32.69	25.25	

relative Inform. Technology (IT)

olv3*	0.25	0.25	0.25	(1.0)
olv3*	0.0	0.25	0.25	(0.0)
olv4*	1.0	0.75	0.75	(1.0)
olv4*	0.0	0.75	0.75	(0.0)
olv5*	1.0	0.75	0.75	(1.0)
olv5*	0.0	0.75	0.75	(0.0)
standard and adapted CIELAB				
LAB*LAB	22.98	32.69	25.25	
LAB*LAB	22.98	32.69	25.25	
LAB*LAB	22.98	32.69	25.25	

relative Inform. Technology (IT)

olv3*	0.25	0.25	0.25	(1.0)
olv3*	0.0	0.25	0.25	(0.0)
olv4*	1.0	0.75	0.75	(1.0)
olv4*	0.0	0.75	0.75	(0.0)
olv5*	1.0	0.75	0.75	(1.0)
olv5*	0.0	0.75	0.75	(0.0)
standard and adapted CIELAB				
LAB*LAB	22.98	32.69	25.25	
LAB*LAB	22.98	32.69	25.25	
LAB*LAB	22.98	32.69	25.25	

relative Inform. Technology (IT)

olv3*	0.25	0.25	0.25	(1.0)
olv3*	0.0	0.25	0.25	(0.0)
olv4*	1.0	0.75	0.75	(1.0)
olv4*	0.0	0.75	0.75	(0.0)
olv5*	1.0	0.75	0.75	(1.0)
olv5*	0.0	0.75	0.75	(0.0)
standard and adapted CIELAB				
LAB*LAB	22.98	32.69	25.25	
LAB*LAB	22.98	32.69	25.25	
LAB*LAB	22.98	32.69	25.25	

relative Inform. Technology (IT)

olv3*	0.25	0.25	0.25	(1.0)
olv3*	0.0	0.25	0.25	(0.0)
olv4*	1.0	0.75	0.75	(1.0)
olv4*	0.0	0.75	0.75	(0.0)
olv5*	1.0	0.75	0.75	(1.0)
olv5*	0.0	0.75	0.75	(0.0)
standard and adapted CIELAB				
LAB*LAB	22.98	32.69	25.25	
LAB*LAB	22.98	32.69	25.25	
LAB*LAB	22.98	32.69	25.25	

relative Inform. Technology (IT)

olv3*	0.25	0.25	0.25	(1.0)
olv3*	0.0	0.25	0.25	(0.0)
olv4*	1.0	0.75	0.75	(1.0)
olv4*	0.0	0.75	0.75	(0.0)
olv5*	1.0	0.75	0.75	(1.0)
olv5*	0.0	0.75	0.75	(0.0)
standard and adapted CIELAB				
LAB*LAB	22.98	32.69	25.25	
LAB*LAB	22.98	32.69	25.25	
LAB*LAB	22.98	32.69	25.25	

relative Inform. Technology (IT)

olv3*	0.0	0.0	0.0	(1.0)
olv3*	0.0	0.0	0.0	(0.0)
olv4*	1.0	1.0	1.0	(1.0)
olv4*	0.0	1.0	1.0	(0.0)
olv5*	1.0	1.0	1.0	(1.0)
olv5*	0.0	1.0	1.0	(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	0.0	0.0	

relative Inform. Technology (IT)

olv3*	0.25	0.0	0.0	(1.0)
olv3*	0.0	0.0	0.0	(0.0)
olv4*	1.0	1.0	1.0	(1.0)
olv4*	0.0	1.0	1.0	(0.0)
olv5*	1.0	1.0	1.0	(1.0)
olv5*	0.0	1.0	1.0	(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	0.0	0.0	

$n^* = 0,50$

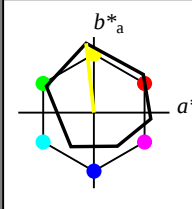


0,50

Eingabe: Farbmetrisches Offset-Reflektiv-System ORS18 für Buntton $h^* = lab^*h = 96/360 = 0.268$ lab^*ch und lab^*nch

D65: Buntton Y
LCH*Ma: 90 92 96
olv*Ma: 1.0 1.0 0.0

Dreiecks-Helligkeit t^*



relative Inform. Technology (IT)
olv3* 1.0 1.0 1.0 (1.0)
cmyn3* 0.0 0.0 0.0 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 95.41 -0.98 4.75
LAB*LABa 95.41 0.0 0.0
LAB*LABb 95.41 0.0 0.0
LAB*LABc 95.41 0.0 0.0

relative CIELAB lab*
lab*lab 1.0 0.0 0.0
lab*ch 1.0 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*lrj 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 76.06 -0.61 3.44
LAB*LABa 76.06 0.0 0.0
LAB*LABb 76.06 0.0 0.0
LAB*LABc 76.06 0.0 0.0

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

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

relative CIELAB lab*
lab*lab 0.5 0.0 0.0
lab*ch 0.5 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*lrj 0.5 0.0 0.0
lab*nce 0.5 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 0.63
LAB*LABa 37.36 0.0 0.0
LAB*LABb 37.36 0.0 0.0
LAB*LABc 37.36 0.0 0.0

relative CIELAB lab*
lab*lab 0.25 0.0 0.0
lab*ch 0.25 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*lrj 0.25 0.0 0.0
lab*nce 0.25 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*LABa 18.02 0.0 0.0
LAB*LABb 18.02 0.0 0.0
LAB*LABc 18.02 0.0 0.0

relative CIELAB lab*
lab*lab 0.0 0.0 0.0
lab*ch 0.0 0.0 0.0
lab*nch 1.0 0.0 0.0
relative Natural Colour (NC)
lab*lrj 0.0 0.0 0.0
lab*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*LABa 18.02 0.0 0.0
LAB*LABb 18.02 0.0 0.0
LAB*LABc 18.02 0.0 0.0

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

ORS18; adaptierte CIELAB-Daten					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	65.39	50.52	82.63	38
Y _{Ma}	90.37	-10.26	91.75	92.32	96
L _{Ma}	50.9	-62.83	34.96	71.91	151
C _{Ma}	58.62	-30.34	-45.01	54.3	236
V _{Ma}	25.72	31.1	-44.4	54.22	305
M _{Ma}	48.13	75.28	-8.36	75.74	354
N _{Ma}	18.01	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
R _{CIE}	39.92	58.66	26.98	64.57	25
J _{CIE}	81.26	-2.16	67.76	67.79	92
G _{CIE}	52.23	-42.25	11.76	43.87	164
B _{CIE}	30.57	1.15	-46.84	46.86	271

%Regularität

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

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

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

relative CIELAB lab*
lab*lab 0.967 -0.055 0.497
lab*ch 0.75 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*lrj 0.967 -0.048 0.497
lab*nce 0.75 0.0 0.0

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

relative CIELAB lab*
lab*lab 0.717 -0.048 0.498
lab*ch 0.75 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*lrj 0.717 -0.048 0.498
lab*nce 0.75 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 54.19 -3.12 45.87
LAB*LABa 54.19 -3.12 45.87
LAB*LABb 54.19 -3.12 45.87
LAB*LABc 54.19 -3.12 45.87

relative CIELAB lab*
lab*lab 0.467 -0.055 0.497
lab*ch 0.25 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*lrj 0.467 -0.048 0.497
lab*nce 0.25 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.25 0.25 0.25 (1.0)
cmyn3* 0.75 0.75 0.75 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 36.1 -2.56 22.93
LAB*LABa 36.1 -2.56 22.93
LAB*LABb 36.1 -2.56 22.93
LAB*LABc 36.1 -2.56 22.93

relative CIELAB lab*
lab*lab 0.234 -0.027 0.248
lab*ch 0.125 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*lrj 0.234 -0.024 0.249
lab*nce 0.125 0.0 0.0

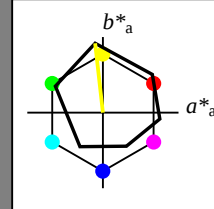
relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 1.0 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 18.02 0.0 0.0
LAB*LABa 18.02 0.0 0.0
LAB*LABb 18.02 0.0 0.0
LAB*LABc 18.02 0.0 0.0

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

Ausgabe: Farbmetrisches Offset-Reflektiv-System ORS18 für Buntton $h^* = lab^*h = 96/360 = 0.268$ lab^*ch und lab^*nch

D65: Buntton Y
LCH*Ma: 90 92 96
olv*Ma: 1.0 1.0 0.0

Dreiecks-Helligkeit t^*



relative Inform. Technology (IT)
olv3* 1.0 1.0 1.0 (1.0)
cmyn3* 0.0 0.0 0.0 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 95.41 -0.98 4.75
LAB*LABa 95.41 0.0 0.0
LAB*LABb 95.41 0.0 0.0
LAB*LABc 95.41 0.0 0.0

relative CIELAB lab*
lab*lab 1.0 0.0 0.0
lab*ch 1.0 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*lrj 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 76.06 -0.61 3.44
LAB*LABa 76.06 0.0 0.0
LAB*LABb 76.06 0.0 0.0
LAB*LABc 76.06 0.0 0.0

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

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

relative CIELAB lab*
lab*lab 0.5 0.0 0.0
lab*ch 0.5 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*lrj 0.5 0.0 0.0
lab*nce 0.5 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 0.63
LAB*LABa 37.36 0.0 0.0
LAB*LABb 37.36 0.0 0.0
LAB*LABc 37.36 0.0 0.0

relative CIELAB lab*
lab*lab 0.25 0.0 0.0
lab*ch 0.25 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*lrj 0.25 0.0 0.0
lab*nce 0.25 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*LABa 18.02 0.0 0.0
LAB*LABb 18.02 0.0 0.0
LAB*LABc 18.02 0.0 0.0

relative CIELAB lab*
lab*lab 0.0 0.0 0.0
lab*ch 0.0 0.0 0.0
lab*nch 1.0 0.0 0.0
relative Natural Colour (NC)
lab*lrj 0.0 0.0 0.0
lab*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*LABa 18.02 0.0 0.0
LAB*LABb 18.02 0.0 0.0
LAB*LABc 18.02 0.0 0.0

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

relative Inform. Technology (IT)
olv3* 1.0 1.0 1.0 (1.0)
cmyn3* 0.0 0.0 0.0 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 95.41 -0.98 4.75
LAB*LABa 95.41 0.0 0.0
LAB*LABb 95.41 0.0 0.0
LAB*LABc 95.41 0.0 0.0

relative CIELAB lab*
lab*lab 1.0 0.0 0.0
lab*ch 1.0 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*lrj 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 76.06 -0.61 3.44
LAB*LABa 76.06 0.0 0.0
LAB*LABb 76.06 0.0 0.0
LAB*LABc 76.06 0.0 0.0

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

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

relative CIELAB lab*
lab*lab 0.5 0.0 0.0
lab*ch 0.5 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*lrj 0.5 0.0 0.0
lab*nce 0.5 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 0.63
LAB*LABa 37.36 0.0 0.0
LAB*LABb 37.36 0.0 0.0
LAB*LABc 37.36 0.0 0.0

relative CIELAB lab*
lab*lab 0.25 0.0 0.0
lab*ch 0.25 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*lrj 0.25 0.0 0.0
lab*nce 0.25 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*LABa 18.02 0.0 0.0
LAB*LABb 18.02 0.0 0.0
LAB*LABc 18.02 0.0 0.0

relative CIELAB lab*
lab*lab 0.0 0.0 0.0
lab*ch 0.0 0.0 0.0
lab*nch 1.0 0.0 0.0
relative Natural Colour (NC)
lab*lrj 0.0 0.0 0.0
lab*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*LABa 18.02 0.0 0.0
LAB*LABb 18.02 0.0 0.0
LAB*LABc 18.02 0.0 0.0

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

NG540-7, 5 stufige Reihen für konstanten CIELAB Buntton 96/360 = 0.268 (links)

5 stufige Reihen für konstanten CIELAB Buntton 96/360 = 0.268 (rechts)

BAM-Prüfvorlage NG54; Farbmetrik-Systeme ORS18 & ORS18input: olv* setrgbcolor

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

Eingabe: Farbmetrisches Offset-Reflektiv-System ORS18

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

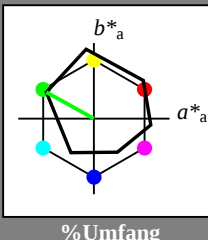
lab^*ch und lab^*nch

D65: Buntton L

LCH*Ma: 51 72 151

olv*Ma: 0.0 1.0 0.0

Dreiecks-Helligkeit t^*



%Umfang

$u^*_{rel} = 93$

relative Inform. Technology (IT)
olv3* 1.0 1.0 1.0 (1.0)
cmyn3* 0.0 0.0 0.0 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 95.41 -0.98 4.75
LAB*LABa 95.41 0.0 0.0
LAB*LABb 95.41 0.0 0.0
LAB*LABc 95.41 0.0 0.0

relative CIELAB lab*
lab*lab 1.0 0.0 0.0
lab*ch 1.0 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 1.0 0.0 0.0
lab*trc 1.0 0.0 0.0
lab*ncc 0.0 0.0 0.0

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

relative CIELAB lab*
lab*lab 0.75 0.75 0.75 (1.0)
lab*ch 0.75 0.75 0.75 (1.0)
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.75 0.75 0.75 (1.0)
lab*trc 0.75 0.75 0.75 (1.0)
lab*ncc 0.0 0.0 0.0

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

relative CIELAB lab*
lab*lab 0.5 0.5 0.5 (0.0)
lab*ch 0.5 0.5 0.5 (0.0)
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.5 0.5 0.5 (0.0)
lab*trc 0.5 0.5 0.5 (0.0)
lab*ncc 0.0 0.0 0.0

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

relative CIELAB lab*
lab*lab 0.25 0.25 0.25 (0.0)
lab*ch 0.25 0.25 0.25 (0.0)
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.25 0.25 0.25 (0.0)
lab*trc 0.25 0.25 0.25 (0.0)
lab*ncc 0.0 0.0 0.0

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

relative CIELAB lab*
lab*lab 0.25 0.25 0.25 (0.0)
lab*ch 0.25 0.25 0.25 (0.0)
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.25 0.25 0.25 (0.0)
lab*trc 0.25 0.25 0.25 (0.0)
lab*ncc 0.0 0.0 0.0

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

relative CIELAB lab*
lab*lab 0.25 0.25 0.25 (0.0)
lab*ch 0.25 0.25 0.25 (0.0)
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.25 0.25 0.25 (0.0)
lab*trc 0.25 0.25 0.25 (0.0)
lab*ncc 0.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (0.0)
cmyn3* 1.0 1.0 1.0 (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 18.02 0.0 0.0
LAB*LABa 18.02 0.0 0.0
LAB*LABb 18.02 0.0 0.0
LAB*LABc 18.02 0.0 0.0

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

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (0.0)
cmyn3* 1.0 1.0 1.0 (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 18.02 0.0 0.0
LAB*LABa 18.02 0.0 0.0
LAB*LABb 18.02 0.0 0.0
LAB*LABc 18.02 0.0 0.0

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

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (0.0)
cmyn3* 1.0 1.0 1.0 (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 18.02 0.0 0.0
LAB*LABa 18.02 0.0 0.0
LAB*LABb 18.02 0.0 0.0
LAB*LABc 18.02 0.0 0.0

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

ORS18; adaptierte CIELAB-Daten

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

%Regularität

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

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

	$L^*=L^*_a$	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

	$L^*=L^*_a$	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

relative Buntheit c^*

Ausgabe: Farbmetrisches Offset-Reflektiv-System ORS18

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

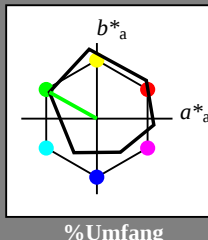
lab^*ch und lab^*nch

D65: Buntton L

LCH*Ma: 51 72 151

olv*Ma: 0.0 1.0 0.0

Dreiecks-Helligkeit t^*



%Umfang

$u^*_{rel} = 93$

relative Inform. Technology (IT)
olv3* 1.0 1.0 1.0 (1.0)
cmyn3* 0.0 0.0 0.0 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 95.41 -0.98 4.75
LAB*LABa 95.41 0.0 0.0
LAB*LABb 95.41 0.0 0.0
LAB*LABc 95.41 0.0 0.0

relative CIELAB lab*
lab*lab 1.0 0.0 0.0
lab*ch 1.0 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 1.0 0.0 0.0
lab*trc 1.0 0.0 0.0
lab*ncc 0.0 0.0 0.0

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

relative CIELAB lab*
lab*lab 0.75 0.75 0.75 (1.0)
lab*ch 0.75 0.75 0.75 (1.0)
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.75 0.75 0.75 (1.0)
lab*trc 0.75 0.75 0.75 (1.0)
lab*ncc 0.0 0.0 0.0

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

relative CIELAB lab*
lab*lab 0.5 0.5 0.5 (0.0)
lab*ch 0.5 0.5 0.5 (0.0)
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.5 0.5 0.5 (0.0)
lab*trc 0.5 0.5 0.5 (0.0)
lab*ncc 0.0 0.0 0.0

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

relative CIELAB lab*
lab*lab 0.25 0.25 0.25 (0.0)
lab*ch 0.25 0.25 0.25 (0.0)
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.25 0.25 0.25 (0.0)
lab*trc 0.25 0.25 0.25 (0.0)
lab*ncc 0.0 0.0 0.0

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

relative CIELAB lab*
lab*lab 0.25 0.25 0.25 (0.0)
lab*ch 0.25 0.25 0.25 (0.0)
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.25 0.25 0.25 (0.0)
lab*trc 0.25 0.25 0.25 (0.0)
lab*ncc 0.0 0.0 0.0

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

relative CIELAB lab*
lab*lab 0.25 0.25 0.25 (0.0)
lab*ch 0.25 0.25 0.25 (0.0)
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.25 0.25 0.25 (0.0)
lab*trc 0.25 0.25 0.25 (0.0)
lab*ncc 0.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (0.0)
cmyn3* 1.0 1.0 1.0 (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 18.02 0.0 0.0
LAB*LABa 18.02 0.0 0.0
LAB*LABb 18.02 0.0 0.0
LAB*LABc 18.02 0.0 0.0

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

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (0.0)
cmyn3* 1.0 1.0 1.0 (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 18.02 0.0 0.0
LAB*LABa 18.02 0.0 0.0
LAB*LABb 18.02 0.0 0.0
LAB*LABc 18.02 0.0 0.0

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

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (0.0)
cmyn3* 1.0 1.0 1.0 (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 18.02 0.0 0.0
LAB*LABa 18.02 0.0 0.0
LAB*LABb 18.02 0.0 0.0
LAB*LABc 18.02 0.0 0.0

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

relative Buntheit c^*

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

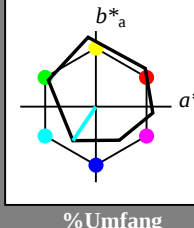
$g^*_{H,rel} = 57$

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

relative Information Technology (IT)					g _{C,rel} = 59				
o _{Ma}	0.3	0.5	1.0	0.5	(1.0)				
o _{Ma}	0.3	0.5	0.0	0.5	(0.0)				
o _{Ma}	0.3	0.5	0.0	0.5	(0.0)				
o _{Ma}	0.5	0.0	0.5	0.0	(0.0)				
o _{Ma}	0.5	0.0	0.5	0.0	(0.0)				
o _{Ma}	0.5	0.0	0.5	0.0	(0.0)				
o _{Ma}	0.5	0.0	0.5	0.0	(0.0)				
o _{Ma}	0.5	0.0	0.5	0.0	(0.0)				
o _{Ma}	0.5	0.0	0.5	0.0	(0.0)				
o _{Ma}	0.5	0.0	0.5	0.0	(0.0)				
o _{Ma}	0.5	0.0	0.5	0.0	(0.0)				
o _{Ma}	0.5	0.0	0.5	0.0	(0.0)				
o _{Ma}	0.5	0.0	0.5	0.0	(0.0)				
o _{Ma}	0.5	0.0	0.5	0.0	(0.0)				
o _{Ma}	0.5	0.0	0.5	0.0	(0.0)				
o _{Ma}	0.5	0.0	0.5	0.0	(0.0)				
o _{Ma}	0.5	0.0	0.5	0.0	(0.0)				
o _{Ma}	0.5	0.0	0.5	0.0	(0.0)				
o _{Ma}	0.5	0.0	0.5	0.0	(0.0)				
o _{Ma}	0.5	0.0	0.5	0.0	(0.0)				
o _{Ma}	0.5	0.0	0.5	0.0	(0.0)				
o _{Ma}	0.5	0.0	0.5	0.0	(0.0)				
o _{Ma}	0.5	0.0	0.5	0.0	(0.0)				
o _{Ma}	0.5	0.0	0.5	0.0	(0.0)				
o _{Ma}	0.5	0.0	0.5	0.0	(0.0)				
o _{Ma}	0.5	0.0	0.5	0.0	(0.0)				
o _{Ma}	0.5	0.0	0.5	0.0	(0.0)				
o _{Ma}	0.5	0.0	0.5	0.0	(0.0)				
o _{Ma}	0.5	0.0	0.5	0.0	(0.0)				
o _{Ma}	0.5	0.0	0.5	0.0	(0.0)				
o _{Ma}	0.5	0.0	0.5	0.0	(0.0)				
o _{Ma}	0.5	0.0	0.5	0.0	(0.0)				
o _{Ma}	0.5	0.0	0.5	0.0	(0.0)				
o _{Ma}	0.5	0.0	0.5	0.0	(0.0)				
o _{Ma}	0.5	0.0	0.5	0.0	(0.0)				
o _{Ma}	0.5	0.0	0.5	0.0	(0.0)				
o _{Ma}	0.5	0.0	0.5	0.0	(0.0)				
o _{Ma}	0.5	0.0	0.5	0.0	(0.0)				
o _{Ma}	0.5	0.0	0.5	0.0	(0.0)				
o _{Ma}	0.5	0.0	0.5	0.0	(0.0)				
o _{Ma}	0.5	0.0	0.5	0.0	(0.0)				
o _{Ma}	0.5	0.0	0.5	0.0	(0.0)				
o _{Ma}	0.5	0.0	0.5	0.0	(0.0)				
o _{Ma}	0.5	0.0	0.5	0.0	(0.0)				
o _{Ma}	0.5	0.0	0.5	0.0	(0.0)				
o _{Ma}	0.5	0.0	0.5	0.0	(0.0)				
o _{Ma}	0.5	0.0	0.5	0.0	(0.0)				
o _{Ma}	0.5	0.0	0.5	0.0	(0.0)				
o _{Ma}	0.5	0.0	0.5	0.0	(0.0)				
o _{Ma}	0.5	0.0	0.5	0.0	(0.0)				
o _{Ma}	0.5	0.0	0.5	0.0	(0.0)				
o _{Ma}	0.5	0.0	0.5	0.0	(0.0)				
o _{Ma}	0.5	0.0	0.5	0.0	(0.0)				
o _{Ma}	0.5	0.0	0.5	0.0	(0.0)				
o _{Ma}	0.5	0.0	0.5	0.0	(0.0)				
o _{Ma}	0.5	0.0	0.5	0.0	(0.0)				
o _{Ma}	0.5	0.0	0.5	0.0	(0.0)				
o _{Ma}	0.5	0.0	0.5	0.0	(0.0)				
o _{Ma}	0.5	0.0	0.5	0.0	(0.0)				
o _{Ma}	0.5	0.0	0.5	0.0	(0.0)				
o _{Ma}	0.5	0.0	0.5	0.0	(0.0)				
o _{Ma}	0.5	0.0	0.5	0.0	(0.0)				
o _{Ma}	0.5	0.0	0.5	0.0	(0.0)				
o _{Ma}	0.5	0.0	0.5	0.0	(0.0)				
o _{Ma}	0.5	0.0	0.5	0.0	(0.0)				
o _{Ma}	0.5	0.0	0.5	0.0	(0.0)				
o _{Ma}	0.5	0.0	0.5	0.0	(0.0)				
o _{Ma}	0.5	0.0	0.5	0.0	(0.0)				
o _{Ma}	0.5	0.0	0.5	0.0	(0.0)				
o _{Ma}	0.5	0.0	0.5	0.0	(0.0)				
o _{Ma}	0.5	0.0	0.5	0.0	(0.0)				
o _{Ma}	0.5	0.0	0.5	0.0	(0.0)				
o _{Ma}	0.5	0.0	0.5	0.0	(0.0)				
o _{Ma}	0.5	0.0	0.5	0.0	(0.0)				
o _{Ma}	0.5	0.0	0.5	0.0	(0.0)				
o _{Ma}	0.5	0.0	0.5	0.0	(0.0)				
o _{Ma}	0.5	0.0	0.5	0.0	(0.0)				
o _{Ma}	0.5	0.0	0.5	0.0	(0.0)				
o _{Ma}	0.5	0.0	0.5	0.0	(0.0)				
o _{Ma}	0.5	0.0	0.5	0.0	(0.0)				
o _{Ma}	0.5	0.0	0.5	0.0	(0.0)				
o _{Ma}	0.5	0.0	0.5	0.0	(0.0)				
o _{Ma}	0.5	0.0	0.5	0.0	(0.0)				
o _{Ma}	0.5	0.0	0.5	0.0	(0.0)				
o _{Ma}	0.5	0.0	0.5	0.0	(0.0)				
o _{Ma}	0.5	0.0	0.5	0.0	(0.0)				
o _{Ma}	0.5	0.0	0.5	0.0	(0.0)				
o _{Ma}	0.5	0.0	0.5	0.0	(0.0)				
o _{Ma}	0.5	0.0	0.5	0.0	(0.0)				
o _{Ma}	0.5	0.0	0.5	0.0	(0.0)				
o _{Ma}	0.5	0.0	0.5	0.0	(0.0)				
o _{Ma}	0.5	0.0	0.5	0.0	(0.0)				
o _{Ma}	0.5	0.0	0.5	0.0	(0.0)				
o _{Ma}	0.5	0.0	0.5	0.0	(0.0)				
o _{Ma}	0.5	0.0	0.5	0.0	(0.0)				
o _{Ma}	0.5	0.0	0.5	0.0	(0.0)				
o _{Ma}	0.5	0.0	0.5	0.0	(0.0)				
o _{Ma}	0.5	0.0	0.5	0.0	(0.0)				
o _{Ma}	0.5	0.0	0.5	0.0	(0.0)				
o _{Ma}	0.5	0.0	0.5	0.0	(0.0)				
o _{Ma}	0.5	0.0	0.5	0.0	(0.0)				
o _{Ma}	0.5	0.0	0.5	0.0	(0.0)				
o _{Ma}	0.5	0.0	0.5	0.0	(0.0)				
o _{Ma}	0.5	0.0	0.5	0.0	(0.0)				
o _{Ma}	0.5	0.0	0.5	0.0	(0.0)				
o _{Ma}	0.5	0.0	0.5	0.0	(0.0)				
o _{Ma}	0.5	0.0	0.5	0.0	(0.0)				
o _{Ma}	0.5	0.0	0.5	0.0	(0.0)				
o _{Ma}	0.5	0.0	0.5	0.0	(0.0)				
o _{Ma}	0.5	0.0	0.5	0.0	(0.0)				
o _{Ma}	0.5	0.0	0.5	0.0	(0.0)				
o _{Ma}	0.5	0.0	0.5	0.0	(0.0)				
o _{Ma}	0.5	0.0	0.5	0.0	(0.0)				
o _{Ma}	0.5	0.0	0.5	0.0	(0.0)				
o _{Ma}	0.5	0.0	0.5	0.0	(0.0)				
o _{Ma}	0.5	0.0	0.5	0.0	(0.0)				
o _{Ma}	0.5	0.0	0.5	0.0	(0.0)				
o _{Ma}	0.5	0.0	0.5	0.0	(0.0)				
o _{Ma}	0.5	0.0	0.5	0.0	(0.0)				
o _{Ma}	0.5	0.0	0.5	0.0	(0.0)				
o _{Ma}	0.5	0.0	0.5	0.0	(0.0)				
o _{Ma}	0.5	0.0	0.5	0.0	(0.0)				
o _{Ma}	0.5	0.0	0.5	0.0	(0.0)				
o _{Ma}	0.5	0.0	0.5	0.0	(0.0)				
o _{Ma}	0.5	0.0	0.5	0.0	(0.0)				
o _{Ma}	0.5	0.0	0.5	0.0	(0.0)				
o _{Ma}	0.5	0.0	0.5	0.0	(0.0)				
o _{Ma}	0.5	0.0	0.5	0.0	(0.0)				
o _{Ma}	0.5	0.0							

Eingabe: Farbmetrisches Offset-Reflektiv-System ORS18 für Buntton $h^* = lab^*h = 236/360 = 0.656$ lab^*ch und lab^*nch

D65: Buntton C
LCH*Ma: 59 54 236
olv*Ma: 0.0 1.0 1.0
Dreiecks-Helligkeit t^*



relative Inform. Technology (IT)
olv3* 1.0 1.0 1.0 (1.0)
cmyn3* 0.0 0.0 0.0 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 95.41 -0.98 4.75
LAB*LABa 95.41 0.0 0.0
LAB*LABb 99.99 0.01 0.0

relative CIELAB lab*
lab*lab 1.0 0.0 0.0
lab*ch 1.0 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 1.0 0.0 0.0
lab*trc 1.0 0.0 0.0
lab*ncc 0.0 0.0 0.0

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

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

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

relative CIELAB lab*
lab*lab 0.5 0.0 0.0
lab*ch 0.5 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.5 0.0 0.0
lab*trc 0.5 0.0 0.0
lab*ncc 0.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.25 0.25 0.25 (0.0)
cmyn3* 0.75 0.75 0.75 (1.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 37.36 -0.13 0.63
LAB*LABa 37.36 0.0 0.0
LAB*LABb 25.00 0.01 0.0

relative CIELAB lab*
lab*lab 0.25 0.0 0.0
lab*ch 0.25 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.25 0.0 0.0
lab*trc 0.25 0.0 0.0
lab*ncc 0.0 0.0 0.0

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

relative CIELAB lab*
lab*lab 0.0 0.0 0.0
lab*ch 0.0 0.0 0.0
lab*nch 1.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.0 0.0 0.0
lab*trc 0.0 0.0 0.0
lab*ncc 1.0 0.0 0.0

$n^* = 1.0$
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*LABa 18.02 0.0 0.0
LAB*LABb 0.01 0.01 0.0

relative Inform. Technology (IT)
olv3* 0.75 1.0 1.0 (1.0)
cmyn3* 0.25 0.0 0.0 (0.0)
olv4* 0.75 1.0 1.0 (1.0)
cmyn4* 0.25 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 86.21 -8.39 -7.1
LAB*LABa 86.21 -7.57 -11.24
LAB*LABb 87.5 13.57 236.02

relative CIELAB lab*
lab*lab 0.881 -0.139 -0.206
lab*ch 0.875 0.25 0.656
lab*nch 0.0 0.25 0.656
relative Natural Colour (NC)
lab*trj 0.881 -0.123 -0.216
lab*trc 0.875 0.25 0.656
lab*ncc 0.0 0.25 0.656

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 1.0 (1.0)
cmyn4* 0.5 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 66.86 -8.02 -8.42
LAB*LABa 66.86 -7.58 -11.25
LAB*LABb 62.5 13.57 236.02

relative CIELAB lab*
lab*lab 0.631 -0.139 -0.206
lab*ch 0.625 0.25 0.656
lab*nch 0.25 0.25 0.656
relative Natural Colour (NC)
lab*trj 0.631 -0.123 -0.216
lab*trc 0.625 0.25 0.656
lab*ncc 0.25 0.25 0.656

relative Inform. Technology (IT)
olv3* 0.25 0.5 0.5 (1.0)
cmyn3* 0.75 0.5 0.5 (0.0)
olv4* 0.75 1.0 1.0 (1.0)
cmyn4* 0.25 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 47.51 -7.64 -9.72
LAB*LABa 47.51 -7.58 -11.25
LAB*LABb 37.5 13.57 236.02

relative CIELAB lab*
lab*lab 0.381 -0.139 -0.206
lab*ch 0.375 0.25 0.656
lab*nch 0.25 0.25 0.656
relative Natural Colour (NC)
lab*trj 0.381 -0.123 -0.216
lab*trc 0.375 0.25 0.656
lab*ncc 0.25 0.25 0.656

relative Inform. Technology (IT)
olv3* 0.0 0.5 0.5 (1.0)
cmyn3* 1.0 0.5 0.5 (0.0)
olv4* 0.75 1.0 1.0 (1.0)
cmyn4* 0.25 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 28.12 -7.57 -11.03
LAB*LABa 28.12 -7.57 -11.24
LAB*LABb 12.5 13.57 236.02

relative CIELAB lab*
lab*lab 0.131 -0.139 -0.206
lab*ch 0.125 0.25 0.656
lab*nch 0.25 0.25 0.656
relative Natural Colour (NC)
lab*trj 0.131 -0.123 -0.216
lab*trc 0.125 0.25 0.656
lab*ncc 0.25 0.25 0.656

$n^* = 0.50$
relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 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 18.02 0.0 0.47
LAB*LABa 18.02 0.0 0.0
LAB*LABb 0.01 0.01 0.0

$n^* = 0.25$
relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 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 18.02 0.0 0.47
LAB*LABa 18.02 0.0 0.0
LAB*LABb 0.01 0.01 0.0

ORS18; adaptierte CIELAB-Daten					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	65.39	50.52	82.63	38
Y _{Ma}	90.37	-10.26	91.75	92.32	96
L _{Ma}	50.9	-62.83	34.96	71.91	151
C _{Ma}	58.62	-30.34	-45.01	54.3	236
V _{Ma}	25.72	31.1	-44.4	54.22	305
M _{Ma}	48.13	75.28	-8.36	75.74	354
N _{Ma}	18.01	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
R _{CIE}	39.92	58.66	26.98	64.57	25
J _{CIE}	81.26	-2.16	67.76	67.79	92
G _{CIE}	52.23	-42.25	11.76	43.87	164
B _{CIE}	30.57	1.15	-46.84	46.86	271

%Regularität

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

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

relative Inform. Technology (IT)
olv3* 0.5 1.0 1.0 (1.0)
cmyn3* 0.5 0.0 0.0 (0.0)
olv4* 0.5 1.0 1.0 (1.0)
cmyn4* 0.5 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 77.01 -15.8 -19.98
LAB*LABa 77.01 -15.16 -22.5
LAB*LABb 75.0 27.14 236.02

relative CIELAB lab*
lab*lab 0.762 -0.278 -0.414
lab*ch 0.75 0.5 0.656
lab*nch 0.0 0.5 0.656
relative Natural Colour (NC)
lab*trj 0.762 -0.247 -0.433
lab*trc 0.75 0.5 0.656
lab*ncc 0.0 0.5 0.656

relative Inform. Technology (IT)
olv3* 0.0 0.75 0.75 (1.0)
cmyn3* 0.75 0.25 0.25 (0.0)
olv4* 0.5 1.0 1.0 (1.0)
cmyn4* 0.5 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 57.67 -15.43 -20.29
LAB*LABa 57.67 -15.16 -22.5
LAB*LABb 50.0 27.14 236.02

relative CIELAB lab*
lab*lab 0.642 -0.418 -0.621
lab*ch 0.625 0.75 0.656
lab*nch 0.0 0.75 0.656
relative Natural Colour (NC)
lab*trj 0.642 -0.371 -0.65
lab*trc 0.625 0.75 0.656
lab*ncc 0.0 0.75 0.656

relative Inform. Technology (IT)
olv3* 0.0 0.25 0.25 (1.0)
cmyn3* 0.75 0.25 0.25 (0.0)
olv4* 0.25 1.0 1.0 (1.0)
cmyn4* 0.25 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 48.47 -22.83 -32.17
LAB*LABa 48.47 -22.75 -33.75
LAB*LABb 37.51 40.72 236.02

relative CIELAB lab*
lab*lab 0.394 -0.418 -0.621
lab*ch 0.375 0.75 0.656
lab*nch 0.25 0.75 0.656
relative Natural Colour (NC)
lab*trj 0.394 -0.371 -0.65
lab*trc 0.375 0.75 0.656
lab*ncc 0.25 0.75 0.656

$n^* = 0.00$
relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 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 18.02 0.0 0.47
LAB*LABa 18.02 0.0 0.0
LAB*LABb 0.01 0.01 0.0

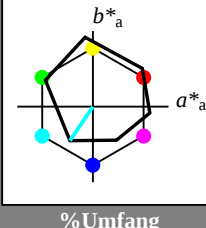
$n^* = 0.25$
relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 0.0 0.0 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 18.02 0.0 0.47
LAB*LABa 18.02 0.0 0.0
LAB*LABb 0.01 0.01 0.0

Schwarzheit n^*

relative Buntheit c^*

Ausgabe: Farbmetrisches Offset-Reflektiv-System ORS18 für Buntton $h^* = lab^*h = 236/360 = 0.656$ lab^*ch und lab^*nch

D65: Buntton C
LCH*Ma: 59 54 236
olv*Ma: 0.0 1.0 1.0
Dreiecks-Helligkeit t^*



relative Inform. Technology (IT)
olv3* 1.0 1.0 1.0 (1.0)
cmyn3* 0.0 0.0 0.0 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 95.41 -0.98 4.75
LAB*LABa 95.41 0.0 0.0
LAB*LABb 99.99 0.01 0.0

relative CIELAB lab*
lab*lab 1.0 0.0 0.0
lab*ch 1.0 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 1.0 0.0 0.0
lab*trc 1.0 0.0 0.0
lab*ncc 0.0 0.0 0.0

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

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

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

relative CIELAB lab*
lab*lab 0.5 0.0 0.0
lab*ch 0.5 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.5 0.0 0.0
lab*trc 0.5 0.0 0.0
lab*ncc 0.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.25 0.25 0.25 (0.0)
cmyn3* 0.75 0.75 0.75 (1.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 37.36 -0.13 0.63
LAB*LABa 37.36 0.0 0.0
LAB*LABb 25.00 0.01 0.0

relative CIELAB lab*
lab*lab 0.25 0.0 0.0
lab*ch 0.25 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.25 0.0 0.0
lab*trc 0.25 0.0 0.0
lab*ncc 0.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.0 0.5 0.5 (1.0)
cmyn3* 0.75 0.5 0.5 (0.0)
olv4* 0.75 1.0 1.0 (1.0)
cmyn4* 0.25 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 47.51 -7.64 -9.72
LAB*LABa 47.51 -7.58 -11.25
LAB*LABb 37.5 13.57 236.02

relative CIELAB lab*
lab*lab 0.381 -0.139 -0.206
lab*ch 0.375 0.25 0.656
lab*nch 0.25 0.25 0.656
relative Natural Colour (NC)
lab*trj 0.381 -0.123 -0.216
lab*trc 0.375 0.25 0.656
lab*ncc 0.25 0.25 0.656

$n^* = 0.50$
relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 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 18.02 0.0 0.47
LAB*LABa 18.02 0.0 0.0
LAB*LABb 0.01 0.01 0.0

$n^* = 1.0$
relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 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 18.02 0.0 0.47
LAB*LABa 18.02 0.0 0.0
LAB*LABb 0.01 0.01 0.0

relative Inform. Technology (IT)
olv3* 0.75 1.0 1.0 (1.0)
cmyn3* 0.25 0.0 0.0 (0.0)
olv4* 0.75 1.0 1.0 (1.0)
cmyn4* 0.25 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 86.21 -8.39 -7.1
LAB*LABa 86.21 -7.57 -11.24
LAB*LABb 87.5 13.57 236.02

relative CIELAB lab*
lab*lab 0.881 -0.139 -0.206
lab*ch 0.875 0.25 0.656
lab*nch 0.0 0.25 0.656
relative Natural Colour (NC)
lab*trj 0.881 -0.123 -0.216
lab*trc 0.875 0.25 0.656
lab*ncc 0.0 0.25 0.656

relative Inform. Technology (IT)
olv3* 0.5 0.75 0.75 (1.0)
cmyn3* 0.5 0.25 0.25 (0.0)
olv4* 0.75 1.0 1.0 (1.0)
cmyn4* 0.5 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 66.86 -8.02 -8.42
LAB*LABa 66.86 -7.58 -11.25
LAB*LABb 62.5 13.57 236.02

relative CIELAB lab*
lab*lab 0.631 -0.139 -0.206
lab*ch 0.625 0.25 0.656
lab*nch 0.25 0.25 0.656
relative Natural Colour (NC)
lab*trj 0.631 -0.123 -0.216
lab*trc 0.625 0.25 0.656
lab*ncc 0.25 0.25 0.656

relative Inform. Technology (IT)
olv3* 0.25 0.5 0.5 (1.0)
cmyn3* 0.75 0.5 0.5 (0.0)
olv4* 0.75 1.0 1.0 (1.0)
cmyn4* 0.25 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 47.51 -7.64 -9.72
LAB*LABa 47.51 -7.58 -11.25
LAB*LABb 37.5 13.57 236.02

relative CIELAB lab*
lab*lab 0.381 -0.139 -0.206
lab*ch 0.375 0.25 0.656
lab*nch 0.25 0.25 0.656
relative Natural Colour (NC)
lab*trj 0.381 -0.123 -0.216
lab*trc 0.375 0.25 0.656
lab*ncc 0.25 0.25 0.656

relative Inform. Technology (IT)
olv3* 0.0 0.5 0.5 (1.0)
cmyn3* 1.0 0.5 0.5 (0.0)
olv4* 0.75 1.0 1.0 (1.0)
cmyn4* 0.25 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 28.12 -7.57 -11.03
LAB*LABa 28.12 -7.57 -11.24
LAB*LABb 12.5 13.57 236.02

relative CIELAB lab*
lab*lab 0.131 -0.139 -0.206
lab*ch 0.125 0.25 0.656
lab*nch 0.25 0.25 0.656
relative Natural Colour (NC)
lab*trj 0.131 -0.123 -0.216
lab*trc 0.125 0.25 0.656
lab*ncc 0.25 0.25 0.656

$n^* = 0.25$
relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 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 18.02 0.0 0.47
LAB*LABa 18.02 0.0 0.0
LAB*LABb 0.01 0.01 0.0

$n^* = 0.00$
relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 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 18.02 0.0 0.47
LAB*LABa 18.02 0.0 0.0
LAB*LABb 0.01 0.01 0.0

relative Inform. Technology (IT)
olv3* 0.75 1.0 1.0 (1.0)
cmyn3* 0.25 0.0 0.0 (0.0)
olv4* 0.75 1.0 1.0 (1.0)
cmyn4* 0.25 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 86.21 -8.39 -7.1
LAB*LABa 86.21 -7.57 -11.24
LAB*LABb 87.5 13.57 236.02

relative CIELAB lab*
lab*lab 0.881 -0.139 -0.206
lab*ch 0.875 0.25 0.656
lab*nch 0.0 0.25 0.656
relative Natural Colour (NC)
lab*trj 0.881 -0.123 -0.216
lab*trc 0.875 0.25 0.656
lab*ncc 0.0 0.25 0.656

relative Inform. Technology (IT)
olv3* 0.5 0.75 0.75 (1.0)
cmyn3* 0.5 0.25 0.25 (0.0)
olv4* 0.75 1.0 1.0 (1.0)
cmyn4* 0.5 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 66.86 -8.02 -8.42
LAB*LABa 66.86 -7.58 -11.25
LAB*LABb 62.5 13.57 236.02

relative CIELAB lab*
lab*lab 0.631 -0.13

Eingabe: Farbmetrisches Offset-Reflektiv-System ORS18

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

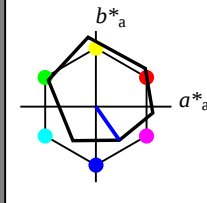
lab^*ch und lab^*nch

D65: Buntton V

LCH*Ma: 26 54 305

olv*Ma: 0.0 0.0 1.0

Dreiecks-Helligkeit t^*



%Umfang

$u^*_{rel} = 93$

relative Inform. Technology (IT)
olv3* 1.0 1.0 1.0 (1.0)
cmyn3* 0.0 0.0 0.0 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 95.41 -0.98 4.75
LAB*Lab 95.41 0.0 0.0
LAB*TCh 99.99 0.01 0.0

relative CIELAB lab*
lab*lab 1.0 0.0 0.0
lab*ch 1.0 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 1.0 0.0 0.0
lab*trc 1.0 0.0 0.0
lab*ncc 0.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.75 0.75 0.75 (1.0)
cmyn3* 0.25 0.25 0.25 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 76.06 -0.61 3.44
LAB*Lab 76.06 0.0 0.0
LAB*TCh 75.00 0.01 -

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

relative Inform. Technology (IT)
olv3* 0.5 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*TCh 50.00 0.01 -

relative CIELAB lab*
lab*lab 0.5 0.0 0.0
lab*ch 0.5 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.5 0.0 0.0
lab*trc 0.5 0.0 0.0
lab*ncc 0.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.25 0.25 0.25 (0.0)
cmyn3* 0.75 0.75 0.75 (1.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 37.26 -0.13 0.83
LAB*Lab 37.26 0.0 0.0
LAB*TCh 25.00 0.01 -

relative CIELAB lab*
lab*lab 0.25 0.0 0.0
lab*ch 0.25 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.25 0.0 0.0
lab*trc 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 (0.0)
cmyn3* 1.0 1.0 1.0 (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 18.02 0.0 0.0
LAB*Lab 18.02 0.0 0.0
LAB*TCh 0.01 0.01 -

relative CIELAB lab*
lab*lab 0.0 0.0 0.0
lab*ch 0.0 0.0 0.0
lab*nch 1.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.0 0.0 0.0
lab*trc 0.0 0.0 0.0
lab*ncc 1.0 0.0 0.0

$n^* = 1.0$

ORS18; adaptierte CIELAB-Daten

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

%Regularität

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

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

relative Inform. Technology (IT)
olv3* 0.5 0.5 0.5 (1.0)
cmyn3* 0.5 0.5 0.5 (0.0)
olv4* 0.5 0.5 0.5 (1.0)
cmyn4* 0.5 0.5 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 60.56 15.23 -19.79
LAB*Lab 60.56 15.23 -19.79
LAB*TCh 75.00 0.01 -

relative CIELAB lab*
lab*lab 0.5 0.287 -0.408
lab*ch 0.75 0.5 0.847
lab*nch 0.0 0.5 0.847
relative Natural Colour (NC)
lab*trj 0.5 0.225 -0.446
lab*trc 0.75 0.5 0.824
lab*ncc 0.0 0.5 0.824

relative Inform. Technology (IT)
olv3* 0.25 0.25 0.25 (1.0)
cmyn3* 0.75 0.75 0.75 (1.0)
olv4* 0.5 0.5 0.5 (0.0)
cmyn4* 0.5 0.5 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 41.22 15.56 -21.1
LAB*Lab 41.22 15.56 -21.1
LAB*TCh 50.00 0.01 -

relative CIELAB lab*
lab*lab 0.3 0.287 -0.409
lab*ch 0.5 0.5 0.847
lab*nch 0.0 0.5 0.847
relative Natural Colour (NC)
lab*trj 0.3 0.225 -0.446
lab*trc 0.5 0.5 0.824
lab*ncc 0.0 0.5 0.824

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (0.0)
cmyn3* 1.0 1.0 1.0 (0.0)
olv4* 0.5 0.5 0.5 (0.0)
cmyn4* 0.5 0.5 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 21.87 15.57 -22.19
LAB*Lab 21.87 15.57 -22.19
LAB*TCh 25.00 0.01 -

relative CIELAB lab*
lab*lab 0.0 0.287 -0.408
lab*ch 0.25 0.5 0.847
lab*nch 0.0 0.5 0.847
relative Natural Colour (NC)
lab*trj 0.0 0.225 -0.446
lab*trc 0.25 0.5 0.824
lab*ncc 0.0 0.5 0.824

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (0.0)
cmyn3* 1.0 1.0 1.0 (0.0)
olv4* 0.5 0.5 0.5 (0.0)
cmyn4* 0.5 0.5 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 18.02 0.0 0.0
LAB*Lab 18.02 0.0 0.0
LAB*TCh 0.01 0.01 -

relative CIELAB lab*
lab*lab 0.0 0.287 -0.408
lab*ch 0.25 0.5 0.847
lab*nch 0.0 0.5 0.847
relative Natural Colour (NC)
lab*trj 0.0 0.225 -0.446
lab*trc 0.25 0.5 0.824
lab*ncc 0.0 0.5 0.824

$n^* = 0.50$

relative Inform. Technology (IT)
olv3* 0.25 0.25 0.25 (1.0)
cmyn3* 0.75 0.75 0.75 (1.0)
olv4* 0.25 0.25 0.25 (0.0)
cmyn4* 0.75 0.75 0.75 (0.0)
standard and adapted CIELAB
LAB*LAB 43.14 23.34 -32.07
LAB*Lab 43.14 23.34 -32.07
LAB*TCh 62.5 0.06 305.0

relative CIELAB lab*
lab*lab 0.32 0.43 -0.613
lab*ch 0.625 0.75 0.847
lab*nch 0.0 0.75 0.847
relative Natural Colour (NC)
lab*trj 0.32 0.337 -0.669
lab*trc 0.625 0.75 0.824
lab*ncc 0.0 0.75 0.824

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (0.0)
cmyn3* 1.0 1.0 1.0 (0.0)
olv4* 0.0 0.0 0.0 (0.0)
cmyn4* 1.0 1.0 1.0 (0.0)
standard and adapted CIELAB
LAB*LAB 25.73 31.09 -44.39
LAB*Lab 25.73 31.09 -44.39
LAB*TCh 50.00 0.01 -

relative CIELAB lab*
lab*lab 0.1 0.573 -0.818
lab*ch 0.5 0.5 0.847
lab*nch 0.0 0.5 0.847
relative Natural Colour (NC)
lab*trj 0.1 0.449 -0.892
lab*trc 0.5 0.5 0.824
lab*ncc 0.0 0.5 0.824

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

relative CIELAB lab*
lab*lab 0.0 0.287 -0.408
lab*ch 0.25 0.5 0.847
lab*nch 0.0 0.5 0.847
relative Natural Colour (NC)
lab*trj 0.0 0.225 -0.446
lab*trc 0.25 0.5 0.824
lab*ncc 0.0 0.5 0.824

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

relative CIELAB lab*
lab*lab 0.0 0.287 -0.408
lab*ch 0.25 0.5 0.847
lab*nch 0.0 0.5 0.847
relative Natural Colour (NC)
lab*trj 0.0 0.225 -0.446
lab*trc 0.25 0.5 0.824
lab*ncc 0.0 0.5 0.824

$n^* = 0.00$

Ausgabe: Farbmetrisches Offset-Reflektiv-System ORS18

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

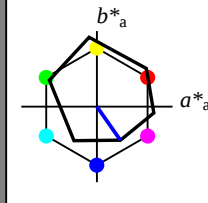
lab^*ch und lab^*nch

D65: Buntton V

LCH*Ma: 26 54 305

olv*Ma: 0.0 0.0 1.0

Dreiecks-Helligkeit t^*



%Umfang

$u^*_{rel} = 93$

relative Inform. Technology (IT)
olv3* 1.0 1.0 1.0 (1.0)
cmyn3* 0.0 0.0 0.0 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 95.41 -0.98 4.75
LAB*Lab 95.41 0.0 0.0
LAB*TCh 99.99 0.01 0.0

relative CIELAB lab*
lab*lab 1.0 0.0 0.0
lab*ch 1.0 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 1.0 0.0 0.0
lab*trc 1.0 0.0 0.0
lab*ncc 0.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.75 0.75 0.75 (1.0)
cmyn3* 0.25 0.25 0.25 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 76.06 -0.61 3.44
LAB*Lab 76.06 0.0 0.0
LAB*TCh 75.00 0.01 -

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

relative Inform. Technology (IT)
olv3* 0.5 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*TCh 50.00 0.01 -

relative CIELAB lab*
lab*lab 0.5 0.0 0.0
lab*ch 0.5 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.5 0.0 0.0
lab*trc 0.5 0.0 0.0
lab*ncc 0.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.25 0.25 0.25 (0.0)
cmyn3* 0.75 0.75 0.75 (1.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 37.26 -0.13 0.83
LAB*Lab 37.26 0.0 0.0
LAB*TCh 25.00 0.01 -

relative CIELAB lab*
lab*lab 0.25 0.0 0.0
lab*ch 0.25 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.25 0.0 0.0
lab*trc 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 (0.0)
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*TCh 0.01 0.01 -

relative CIELAB lab*
lab*lab 0.0 0.287 -0.408
lab*ch 0.25 0.5 0.847
lab*nch 0.0 0.5 0.847
relative Natural Colour (NC)
lab*trj 0.0 0.225 -0.446
lab*trc 0.25 0.5 0.824
lab*ncc 0.0 0.5 0.824

$n^* = 1.0$

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
RC _{IE}	39.92	58.66	26.98	64.57	25
J _{CIE}	81.26	-2.16	67.76	67.79	92
G _{CIE}	52.23	-42.25	11.76	43.87	164
B _{CIE}	30.57	1.15	-46.84	46.86	271

%Regularität

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

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

relative Inform. Technology (IT)
olv3* 0.5 0.5 0.5 (1.0)
cmyn3* 0.5 0.5 0.5 (0.0)
olv4* 0.5 0.5 0.5 (1.0)
cmyn4* 0.5 0.5 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 60.56 15.23 -19.79
LAB*Lab 60.56 15.23 -19.79
LAB*TCh 75.00 0.01 -

relative CIELAB lab*
lab*lab 0.5 0.287 -0.408
lab*ch 0.75 0.5 0.847
lab*nch 0.0 0.5 0.847
relative Natural Colour (NC)
lab*trj 0.5 0.225 -0.446
lab*trc 0.75 0.5 0.824
lab*ncc 0.0 0.5 0.824

relative Inform. Technology (IT)
olv3* 0.25 0.25 0.25 (1.0)
cmyn3* 0.75 0.75 0.75 (1.0)
olv4* 0.5 0.5 0.5 (0.0)
cmyn4* 0.5 0.5 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 41.22 15.56 -21.1
LAB*Lab 41.22 15.56 -21.1
LAB*TCh 50.00 0.01 -

relative CIELAB lab*
lab*lab 0.3 0.287 -0.409
lab*ch 0.5 0.5 0.847
lab*nch 0.0 0.5 0.847
relative Natural Colour (NC)
lab*trj 0.3 0.225 -0.446
lab*trc 0.5 0.5 0.824
lab*ncc 0.0 0.5 0.824

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (0.0)
cmyn3* 1.0 1.0 1.0 (0.0)
olv4* 0.0 0.0 0.0 (0.0)
cmyn4* 1.0 1.0 1.0 (0.0)
standard and adapted CIELAB
LAB*LAB 21.87 15.57 -22.19
LAB*Lab 21.87 15.57 -22.19
LAB*TCh 25.00 0.01 -

relative CIELAB lab*
lab*lab 0.0 0.287 -0.408
lab*ch 0.25 0.5 0.847
lab*nch 0.0 0.5 0.847
relative Natural Colour (NC)
lab*trj 0.0 0.225 -0.446
lab*trc 0.25 0.5 0.824
lab*ncc 0.0 0.5 0.824

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

relative CIELAB lab*
lab*lab 0.0 0.287 -0.408
lab*ch 0.25 0.5 0.847
lab*nch 0.0 0.5 0.847
relative Natural Colour (NC)
lab*trj 0.0 0.225 -0.446
lab*trc 0.25 0.5 0.824
lab*ncc 0.0 0.5 0.824

$n^* = 0.50$

relative Inform. Technology (IT)
olv3* 0.25 0.25 0.25 (1.0)
cmyn3* 0.75 0.75 0.75 (1.0)
olv4* 0.25 0.25 0.25 (0.0)
cmyn4* 0.75 0.75 0.75 (0.0)
standard and adapted CIELAB
LAB*LAB 43.14 23.34 -32.07
LAB*Lab 43.14 23.34 -32.07
LAB*TCh 62.5 0.06 305.0

relative CIELAB lab*
lab*lab 0.32 0.43 -0.613
lab*ch 0.625 0.75 0.847
lab*nch 0.0 0.75 0.847
relative Natural Colour (NC)
lab*trj 0.32 0.337 -0.669
lab*trc 0.625 0.75 0.824
lab*ncc 0.0 0.75 0.824

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (0.0)
cmyn3* 1.0 1.0 1.0 (0.0)
olv4* 0.0 0.0 0.0 (0.0)
cmyn4* 1.0 1.0 1.0 (0.0)
standard and adapted CIELAB
LAB*LAB 25.73 31.09 -44.39
LAB*Lab 25.73 31.09 -44.39
LAB*TCh 50.00 0.01 -

relative CIELAB lab*
lab*lab 0.1 0.573 -0.818
lab*ch 0.5 0.5 0.847
lab*nch 0.0 0.5 0.847
relative Natural Colour (NC)
lab*trj 0.1 0.449 -0.892
lab*trc 0.5 0.5 0.824
lab*ncc 0.0 0.5 0.824

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (0.0)
cmyn3* 1.0 1.0 1.0 (0.0)
olv4* 0.0 0.0 0.0 (0.0)<

Eingabe: Farbmetrisches Offset-Reflektiv-System ORS18

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

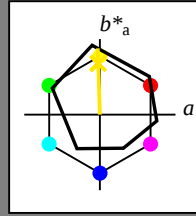
lab^*ch und lab^*nch

D65: Buntton J

LCH*Ma: 86 88 92

olv*Ma: 1.0 0.9 0.0

Dreiecks-Helligkeit t^*



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	0.975	0.75	(1.0)
olv4*	0.0	0.025	0.25	(0.0)
olv5*	0.0	0.025	0.25	(0.0)
olv6*	0.0	0.025	0.25	(0.0)
olv7*	0.0	0.025	0.25	(0.0)
olv8*	0.0	0.025	0.25	(0.0)
olv9*	0.0	0.025	0.25	(0.0)
olv10*	0.0	0.025	0.25	(0.0)
olv11*	0.0	0.025	0.25	(0.0)
olv12*	0.0	0.025	0.25	(0.0)
olv13*	0.0	0.025	0.25	(0.0)
olv14*	0.0	0.025	0.25	(0.0)
olv15*	0.0	0.025	0.25	(0.0)
olv16*	0.0	0.025	0.25	(0.0)
olv17*	0.0	0.025	0.25	(0.0)
olv18*	0.0	0.025	0.25	(0.0)
olv19*	0.0	0.025	0.25	(0.0)
olv20*	0.0	0.025	0.25	(0.0)
olv21*	0.0	0.025	0.25	(0.0)
olv22*	0.0	0.025	0.25	(0.0)
olv23*	0.0	0.025	0.25	(0.0)
olv24*	0.0	0.025	0.25	(0.0)
olv25*	0.0	0.025	0.25	(0.0)
olv26*	0.0	0.025	0.25	(0.0)
olv27*	0.0	0.025	0.25	(0.0)
olv28*	0.0	0.025	0.25	(0.0)
olv29*	0.0	0.025	0.25	(0.0)
olv30*	0.0	0.025	0.25	(0.0)
olv31*	0.0	0.025	0.25	(0.0)
olv32*	0.0	0.025	0.25	(0.0)
olv33*	0.0	0.025	0.25	(0.0)
olv34*	0.0	0.025	0.25	(0.0)
olv35*	0.0	0.025	0.25	(0.0)
olv36*	0.0	0.025	0.25	(0.0)
olv37*	0.0	0.025	0.25	(0.0)
olv38*	0.0	0.025	0.25	(0.0)
olv39*	0.0	0.025	0.25	(0.0)
olv40*	0.0	0.025	0.25	(0.0)
olv41*	0.0	0.025	0.25	(0.0)
olv42*	0.0	0.025	0.25	(0.0)
olv43*	0.0	0.025	0.25	(0.0)
olv44*	0.0	0.025	0.25	(0.0)
olv45*	0.0	0.025	0.25	(0.0)
olv46*	0.0	0.025	0.25	(0.0)
olv47*	0.0	0.025	0.25	(0.0)
olv48*	0.0	0.025	0.25	(0.0)
olv49*	0.0	0.025	0.25	(0.0)
olv50*	0.0	0.025	0.25	(0.0)
olv51*	0.0	0.025	0.25	(0.0)
olv52*	0.0	0.025	0.25	(0.0)
olv53*	0.0	0.025	0.25	(0.0)
olv54*	0.0	0.025	0.25	(0.0)
olv55*	0.0	0.025	0.25	(0.0)
olv56*	0.0	0.025	0.25	(0.0)
olv57*	0.0	0.025	0.25	(0.0)
olv58*	0.0	0.025	0.25	(0.0)
olv59*	0.0	0.025	0.25	(0.0)
olv60*	0.0	0.025	0.25	(0.0)
olv61*	0.0	0.025	0.25	(0.0)
olv62*	0.0	0.025	0.25	(0.0)
olv63*	0.0	0.025	0.25	(0.0)
olv64*	0.0	0.025	0.25	(0.0)
olv65*	0.0	0.025	0.25	(0.0)
olv66*	0.0	0.025	0.25	(0.0)
olv67*	0.0	0.025	0.25	(0.0)
olv68*	0.0	0.025	0.25	(0.0)
olv69*	0.0	0.025	0.25	(0.0)
olv70*	0.0	0.025	0.25	(0.0)
olv71*	0.0	0.025	0.25	(0.0)
olv72*	0.0	0.025	0.25	(0.0)
olv73*	0.0	0.025	0.25	(0.0)
olv74*	0.0	0.025	0.25	(0.0)
olv75*	0.0	0.025	0.25	(0.0)
olv76*	0.0	0.025	0.25	(0.0)
olv77*	0.0	0.025	0.25	(0.0)
olv78*	0.0	0.025	0.25	(0.0)
olv79*	0.0	0.025	0.25	(0.0)
olv80*	0.0	0.025	0.25	(0.0)
olv81*	0.0	0.025	0.25	(0.0)
olv82*	0.0	0.025	0.25	(0.0)
olv83*	0.0	0.025	0.25	(0.0)
olv84*	0.0	0.025	0.25	(0.0)
olv85*	0.0	0.025	0.25	(0.0)
olv86*	0.0	0.025	0.25	(0.0)
olv87*	0.0	0.025	0.25	(0.0)
olv88*	0.0	0.025	0.25	(0.0)
olv89*	0.0	0.025	0.25	(0.0)
olv90*	0.0	0.025	0.25	(0.0)
olv91*	0.0	0.025	0.25	(0.0)
olv92*	0.0	0.025	0.25	(0.0)
olv93*	0.0	0.025	0.25	(0.0)
olv94*	0.0	0.025	0.25	(0.0)
olv95*	0.0	0.025	0.25	(0.0)
olv96*	0.0	0.025	0.25	(0.0)
olv97*	0.0	0.025	0.25	(0.0)
olv98*	0.0	0.025	0.25	(0.0)
olv99*	0.0	0.025	0.25	(0.0)
olv100*	0.0	0.025	0.25	(0.0)

relative Inform. Technology (IT)				
olv3*	1.0	0.951	0.5	(1.0)
cmyn3*	0.0	0.049	0.5	(0.0)
olv4*	1.0	0.951	0.5	1.0
cmyn4*	0.0	0.049	0.5	0.0
standard and adapted CIELAB				
LAB*LAB	90.8	-2.3	48.25	
LAB*LAB _a	90.8	-1.4	43.84	

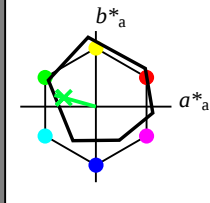
Eingabe: Farbmetrisches Offset-Reflektiv-System ORS18

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

lab^*ch und lab^*nch

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

Dreiecks-Helligkeit t^*



%Umfang

$u^*_{rel} = 93$

relative Inform. Technology (IT)
olv3* 1.0 1.0 1.0 (1.0)
cmyn3* 0.0 0.0 0.0 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 95.41 -0.98 4.75
LAB*LABa 95.41 0.0 0.0
LAB*LABb 95.41 0.0 0.0
LAB*LABc 95.41 0.0 0.0

relative CIELAB lab*
lab*lab 1.0 0.0 0.0
lab*ch 1.0 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 1.0 0.0 0.0
lab*trc 1.0 0.0 0.0
lab*ncc 0.0 0.0 0.0

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

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

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

relative CIELAB lab*
lab*lab 0.5 0.0 0.0
lab*ch 0.5 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.5 0.0 0.0
lab*trc 0.5 0.0 0.0
lab*ncc 0.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.25 0.25 0.25 (0.0)
cmyn3* 0.75 0.75 0.75 (1.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 37.36 0.13 0.63
LAB*LABa 37.36 0.0 0.0
LAB*LABb 37.36 0.0 0.0
LAB*LABc 37.36 0.0 0.0

relative CIELAB lab*
lab*lab 0.25 0.0 0.0
lab*ch 0.25 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.25 0.0 0.0
lab*trc 0.25 0.0 0.0
lab*ncc 0.0 0.0 0.0

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

relative CIELAB lab*
lab*lab 0.0 0.0 0.0
lab*ch 0.0 0.0 0.0
lab*nch 1.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.0 0.0 0.0
lab*trc 0.0 0.0 0.0
lab*ncc 1.0 0.0 0.0

$n^* = 1.0$

ORS18; adaptierte CIELAB-Daten

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

%Regularität

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

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

relative Inform. Technology (IT)
olv3* 0.5 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 74.1 -27.98 10.94
LAB*LABa 74.1 -27.4 7.62
LAB*LABb 74.1 -27.4 7.62
LAB*LABc 74.1 -27.4 7.62

relative CIELAB lab*
lab*lab 0.75 -0.481 0.134
lab*ch 0.75 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.75 -0.481 0.134
lab*trc 0.75 0.0 0.0
lab*ncc 0.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.25 0.5 0.75 (1.0)
cmyn3* 0.75 0.25 0.625 (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 54.76 -27.61 9.64
LAB*LABa 54.76 -27.41 7.63
LAB*LABb 54.76 -27.41 7.63
LAB*LABc 54.76 -27.41 7.63

relative CIELAB lab*
lab*lab 0.25 -0.481 0.134
lab*ch 0.25 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.25 -0.481 0.134
lab*trc 0.25 0.0 0.0
lab*ncc 0.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.0 0.75 0.188 (1.0)
cmyn3* 0.75 0.0 0.625 (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 34.1 -27.24 6.84
LAB*LABa 34.1 -27.24 6.84
LAB*LABb 34.1 -27.24 6.84
LAB*LABc 34.1 -27.24 6.84

relative CIELAB lab*
lab*lab 0.337 -0.721 0.201
lab*ch 0.337 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.337 -0.721 0.201
lab*trc 0.337 0.0 0.0
lab*ncc 0.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.0 0.5 0.877 (0.0)
cmyn3* 0.5 0.0 0.625 (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 35.41 -27.4 7.63
LAB*LABa 35.41 -27.4 7.63
LAB*LABb 35.41 -27.4 7.63
LAB*LABc 35.41 -27.4 7.63

relative CIELAB lab*
lab*lab 0.225 -0.481 0.134
lab*ch 0.225 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.225 -0.481 0.134
lab*trc 0.225 0.0 0.0
lab*ncc 0.0 0.0 0.0

$n^* = 0.50$

relative Inform. Technology (IT)
olv3* 0.25 1.0 0.25 (1.0)
cmyn3* 1.0 0.0 0.25 (0.0)
olv4* 0.25 1.0 0.25 (1.0)
cmyn4* 1.0 0.0 0.25 (0.0)
standard and adapted CIELAB
LAB*LAB 63.45 -41.11 11.44
LAB*LABa 63.45 -41.11 11.44
LAB*LABb 63.45 -41.11 11.44
LAB*LABc 63.45 -41.11 11.44

relative CIELAB lab*
lab*lab 0.25 0.0 0.0
lab*ch 0.25 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.25 0.0 0.0
lab*trc 0.25 0.0 0.0
lab*ncc 0.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.0 0.25 0.125 (1.0)
cmyn3* 0.25 0.0 0.125 (0.0)
olv4* 0.0 0.25 0.125 (1.0)
cmyn4* 0.0 0.0 0.125 (0.0)
standard and adapted CIELAB
LAB*LAB 44.11 -41.11 12.74
LAB*LABa 44.11 -41.11 12.74
LAB*LABb 44.11 -41.11 12.74
LAB*LABc 44.11 -41.11 12.74

relative CIELAB lab*
lab*lab 0.0 0.25 0.125 (1.0)
lab*ch 0.0 0.25 0.125 (1.0)
lab*nch 0.0 0.0 0.125 (0.0)
relative Natural Colour (NC)
lab*trj 0.0 0.25 0.125 (1.0)
lab*trc 0.0 0.25 0.125 (1.0)
lab*ncc 0.0 0.0 0.125 (0.0)

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

relative CIELAB lab*
lab*lab 0.0 0.0 0.0
lab*ch 0.0 0.0 0.0
lab*nch 1.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.0 0.0 0.0
lab*trc 0.0 0.0 0.0
lab*ncc 1.0 0.0 0.0

$n^* = 0.25$

$n^* = 0.00$

relative Buntheit c^*

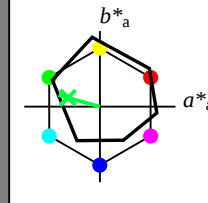
Ausgabe: Farbmetrisches Offset-Reflektiv-System ORS18

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

lab^*ch und lab^*nch

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

Dreiecks-Helligkeit t^*



%Umfang

$u^*_{rel} = 93$

relative Inform. Technology (IT)
olv3* 1.0 1.0 1.0 (1.0)
cmyn3* 0.0 0.0 0.0 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 95.41 -0.98 4.75
LAB*LABa 95.41 0.0 0.0
LAB*LABb 95.41 0.0 0.0
LAB*LABc 95.41 0.0 0.0

relative CIELAB lab*
lab*lab 1.0 0.0 0.0
lab*ch 1.0 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 1.0 0.0 0.0
lab*trc 1.0 0.0 0.0
lab*ncc 0.0 0.0 0.0

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

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

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

relative CIELAB lab*
lab*lab 0.5 0.0 0.0
lab*ch 0.5 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.5 0.0 0.0
lab*trc 0.5 0.0 0.0
lab*ncc 0.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.25 0.25 0.25 (0.0)
cmyn3* 0.75 0.75 0.75 (1.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 37.36 0.13 0.63
LAB*LABa 37.36 0.0 0.0
LAB*LABb 37.36 0.0 0.0
LAB*LABc 37.36 0.0 0.0

relative CIELAB lab*
lab*lab 0.25 0.0 0.0
lab*ch 0.25 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.25 0.0 0.0
lab*trc 0.25 0.0 0.0
lab*ncc 0.0 0.0 0.0

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

relative CIELAB lab*
lab*lab 0.0 0.0 0.0
lab*ch 0.0 0.0 0.0
lab*nch 1.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.0 0.0 0.0
lab*trc 0.0 0.0 0.0
lab*ncc 1.0 0.0 0.0

$n^* = 1.0$

relative Buntheit c^*

ORS18; adaptierte CIELAB-Daten

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

%Regularität

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

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

relative Inform. Technology (IT)
olv3* 0.5 0.5 0.5 (1.0)
cmyn3* 0.5 0.0 0.5 (0.0)
olv4* 0.5 0.5 0.5 (1.0)
cmyn4* 0.5 0.0 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 74.1 -27.98 10.94
LAB*LABa 74.1 -27.4 7.62
LAB*LABb 74.1 -27.4 7.62
LAB*LABc 74.1 -27.4 7.62

relative CIELAB lab*
lab*lab 0.75 -0.481 0.134
lab*ch 0.75 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.75 -0.481 0.134
lab*trc 0.75 0.0 0.0
lab*ncc 0.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.25 0.5 0.75 (1.0)
cmyn3* 0.75 0.25 0.625 (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 54.76 -27.61 9.64
LAB*LABa 54.76 -27.41 7.63
LAB*LABb 54.76 -27.41 7.63
LAB*LABc 54.76 -27.41 7.63

relative CIELAB lab*
lab*lab 0.25 -0.481 0.134
lab*ch 0.25 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.25 -0.481 0.134
lab*trc 0.25 0.0 0.0
lab*ncc 0.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.0 0.75 0.188 (1.0)
cmyn3* 0.75 0.0 0.625 (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 34.1 -27.24 6.84
LAB*LABa 34.1 -27.24 6.84
LAB*LABb 34.1 -27.24 6.84
LAB*LABc 34.1 -27.24 6.84

relative CIELAB lab*
lab*lab 0.0 0.25 0.125 (1.0)
lab*ch 0.0 0.25 0.125 (1.0)
lab*nch 0.0 0.0 0.125 (0.0)
relative Natural Colour (NC)
lab*trj 0.0 0.25 0.125 (1.0)
lab*trc 0.0 0.25 0.125 (1.0)
lab*ncc 0.0 0.0 0.125 (0.0)

relative Inform. Technology (IT)
olv3* 0.0 0.25 0.125 (1.0)
cmyn3* 0.25 0.0 0.125 (0.0)
olv4* 0.0 0.25 0.125 (1.0)
cmyn4* 0.0 0.0 0.125 (0.0)
standard and adapted CIELAB
LAB*LAB 44.11 -41.11 12.74
LAB*LABa 44.11 -41.11 12.74
LAB*LABb 44.11 -41.11 12.74
LAB*LABc 44.11 -41.11 12.74

relative CIELAB lab*
lab*lab 0.0 0.25 0.125 (1.0)
lab*ch 0.0 0.25 0.125 (1.0)
lab*nch 0.0 0.0 0.125 (0.0)
relative Natural Colour (NC)
lab*trj 0.0 0.25 0.125 (1.0)
lab*trc 0.0 0.25 0.125 (1.0)
lab*ncc 0.0 0.0 0.125 (0.0)

$n^* = 0.50$

$n^* = 0.00$

relative Buntheit c^*

relative Inform. Technology (IT)
olv3* 0.25 1.0 0.25 (1.0)
cmyn3* 1.0 0.0 0.25 (0.0)
olv4* 0.25 1.0 0.25 (1.0)
cmyn4* 1.0 0.0 0.25 (0.0)
standard and adapted CIELAB
LAB*LAB 63.45 -41.11 11.44
LAB*LABa 63.45 -41.11 11.44
LAB*LABb 63.45 -41.11 11.44
LAB*LABc 63.45 -41.11 11.44

relative CIELAB lab*
lab*lab 0.25 0.0 0.0
lab*ch 0.25 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.25 0.0 0.0
lab*trc 0.25 0.0 0.0
lab*ncc 0.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.0 0.25 0.125 (1.0)
cmyn3* 0.25 0.0 0.125 (0.0)
olv4* 0.0 0.25 0.125 (1.0)
cmyn4* 0.0 0.0 0.125 (0.0)
standard and adapted CIELAB
LAB*LAB 44.11 -41.11 12.74
LAB*LABa 44.11 -41.11 12.74
LAB*LABb 44.11 -41.11 12.74
LAB*LABc 44.11 -41.11 12.74

relative CIELAB lab*
lab*lab 0.0 0.25 0.125 (1.0)
lab*ch 0

Seitenzahl 10