

Eingabe: Farbmetrisches Offset-Reflektiv-System ORS18

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

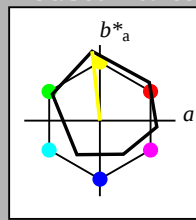
lab^*ich und lab^*nch

D65: Buntton Y

LCH*Ma: 90 92 96

olv*Ma: 1.0 1.0 0.0

Dreiecks-Helligkeit t^*



%Umfang

$u^*_{rel} = 93$

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

relative Inform. Technology (IT)
olv3* 0.75 0.75 0.75 (1.0)
cmyn3* 0.25 0.25 0.25 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 76.06 -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*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*LAB 56.71 0.0 0.0
LAB*LAB 50.00 0.01 -

relative CIELAB lab*
lab*lab 0.5 0.0 0.0
lab*ich 0.5 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 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*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*trj 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 0.47
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*trj 0.0 0.0 0.0
lab*nce 1.0 0.0 0.0

$n^* = 1.0$

ORS18; adaptierte CIELAB-Daten

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

%Regularität

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

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

relative Inform. Technology (IT)
olv3* 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*LAB 92.88 -3.12 45.87
LAB*LAB 92.88 0.0 0.0

relative CIELAB lab*
lab*lab 0.967 -0.055 4.97
lab*ich 0.75 0.5 0.268
lab*nch 0.0 0.5 0.268
relative Natural Colour (NC)
lab*trj 0.967 -0.048 4.97
lab*nce 0.75 0.5 0.268

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*LAB 73.54 0.0 0.0
LAB*LAB 50.00 46.16 96.38

relative CIELAB lab*
lab*lab 0.717 -0.055 4.97
lab*ich 0.5 0.5 0.268
lab*nch 0.0 0.5 0.268
relative Natural Colour (NC)
lab*trj 0.717 -0.048 4.97
lab*nce 0.5 0.5 0.268

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 54.19 -5.12 45.87
LAB*LAB 54.19 0.0 0.0
LAB*LAB 25.01 46.16 96.38

relative CIELAB lab*
lab*lab 0.467 -0.055 4.97
lab*ich 0.25 0.5 0.268
lab*nch 0.0 0.5 0.268
relative Natural Colour (NC)
lab*trj 0.467 -0.048 4.97
lab*nce 0.25 0.5 0.268

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*LAB 36.1 0.0 0.0
LAB*LAB 12.5 23.07 96.38

relative CIELAB lab*
lab*lab 0.234 -0.027 2.48
lab*ich 0.125 0.25 0.268
lab*nch 0.0 0.25 0.268
relative Natural Colour (NC)
lab*trj 0.234 -0.024 2.49
lab*nce 0.125 0.25 0.268

$n^* = 0.50$

relative Inform. Technology (IT)
olv3* 1.0 1.0 1.0 (1.0)
cmyn3* 0.0 0.0 0.0 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 91.62 -8.61 73.31
LAB*LAB 91.62 -6.69 68.8
LAB*LAB 91.62 0.0 0.0

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

relative Inform. Technology (IT)
olv3* 0.75 0.75 0.75 (1.0)
cmyn3* 0.25 0.25 0.25 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 72.28 -8.23 72.10
LAB*LAB 72.28 -7.69 68.8
LAB*LAB 72.28 0.0 0.0

relative CIELAB lab*
lab*lab 0.701 -0.082 7.45
lab*ich 0.375 0.75 0.268
lab*nch 0.0 0.75 0.268
relative Natural Colour (NC)
lab*trj 0.701 -0.073 7.46
lab*nce 0.375 0.75 0.268

relative Inform. Technology (IT)
olv3* 0.5 0.5 0.5 (1.0)
cmyn3* 0.5 0.5 0.5 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 50.93 -11.15 96.15
LAB*LAB 50.93 -10.25 91.73
LAB*LAB 50.93 0.0 0.0

relative CIELAB lab*
lab*lab 0.938 -0.11 9.94
lab*ich 0.5 1.0 0.268
lab*nch 0.0 1.0 0.268
relative Natural Colour (NC)
lab*trj 0.938 -0.097 9.95
lab*nce 0.5 1.0 0.268

relative Inform. Technology (IT)
olv3* 0.25 0.25 0.25 (1.0)
cmyn3* 0.75 0.75 0.75 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 37.37 0.13 0.63
LAB*LAB 37.37 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*trj 0.25 0.0 0.0
lab*nce 0.25 0.0 0.0

$n^* = 0.00$

Ausgabe: Farbmetrisches Standard-Reflektiv-System SRS18

für Buntton $h^* = lab^*h = 90/360 = 0.25$

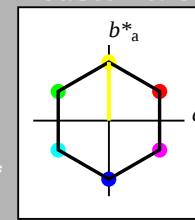
lab^*tch und lab^*nch

D65: Buntton Y

LCH*Ma: 57 77 90

olv*Ma: 1.0 1.0 0.0

Dreiecks-Helligkeit t^*



%Umfang

$u^*_{rel} = 100$

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 0.0 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*trj 1.0 0.0 0.0
lab*nce 1.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.75 0.75 0.75 (1.0)
cmyn3* 0.25 0.25 0.25 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 76.07 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*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 56.72 0.0 0.0
LAB*LAB 56.72 0.0 0.0
LAB*LAB 50.00 0.01 -

relative CIELAB lab*
lab*lab 0.5 0.0 0.0
lab*ich 0.5 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 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 37.37 0.13 0.63
LAB*LAB 37.37 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*trj 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 18.03 0.0 0.0
LAB*LAB 18.03 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*trj 0.0 0.0 0.0
lab*nce 1.0 0.0 0.0

$n^* = 1.0$

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)
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 76.06 0.0 38.69
LAB*LAB 76.06 0.0 38.69
LAB*LAB 75.00 0.01 -

relative CIELAB lab*
lab*lab 0.75 0.0 0.5
lab*ich 0.75 0.5 0.25
lab*nch 0.0 0.5 0.25
relative Natural Colour (NC)
lab*trj 0.75 0.027 4.99
lab*nce 0.75 0.5 0.241

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 66.39 0.0 19.35
LAB*LAB 66.39 0.0 19.35
LAB*LAB 62.5 19.35 90.0

relative CIELAB lab*
lab*lab 0.625 0.0 0.25
lab*ich 0.625 0.25 0.25
lab*nch 0.0 0.25 0.25
relative Natural Colour (NC)
lab*trj 0.625 0.014 2.5
lab*nce 0.625 0.25 0.241

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 0.0 38.7
LAB*LAB 56.71 0.0 38.7
LAB*LAB 50.00 38.7 90.0

relative CIELAB lab*
lab*lab 0.5 0.0 0.5
lab*ich 0.5 0.5 0.25
lab*nch 0.0 0.5 0.25
relative Natural Colour (NC)
lab*trj 0.5 0.027 4.99
lab*nce 0.5 0.5 0.241

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*LAB 37.36 0.0 0.0
LAB*LAB 25.00 0.01 -

relative CIELAB lab*
lab*lab 0.25 0.0 0.5
lab*ich 0.25 0.5 0.25
lab*nch 0.0 0.5 0.25
relative Natural Colour (NC)
lab*trj 0.25 0.014 2.5
lab*nce 0.25 0.5 0.241

$n^* = 0.50$

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 66.38 0.0 19.35
LAB*LAB 66.38 0.0 19.35
LAB*LAB 62.5 19.35 90.0

relative CIELAB lab*
lab*lab 0.625 0.0 0.25
lab*ich 0.625 0.25 0.25
lab*nch 0.0 0.25 0.25
relative Natural Colour (NC)
lab*trj 0.625 0.014 2.5
lab*nce 0.625 0.25 0.241

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 0.0 38.7
LAB*LAB 56.71 0.0 38.7
LAB*LAB 50.00 38.7 90.0

relative CIELAB lab*
lab*lab 0.5 0.0 0.5
lab*ich 0.5 0.5 0.25
lab*nch 0.0 0.5 0.25
relative Natural Colour (NC)
lab*trj 0.5 0.027 4.99
lab*nce 0.5 0.5 0.241

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*LAB 37.36 0.0 0.0
LAB*LAB 25.00 0.01 -

relative CIELAB lab*
lab*lab 0.25 0.0 0.5
lab*ich 0.25 0.5 0.25
lab*nch 0.0 0.5 0.25
relative Natural Colour (NC)
lab*trj 0.25 0.014 2.5
lab*nce 0.25 0.5 0.241

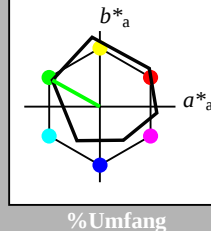
relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 1.0 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 18.03 0.0 0.0
LAB*LAB 18.03 0.0 0.0
LAB*LAB 0.01 0.01 -

relative CIELAB lab*
lab*lab 0.0 0.0 0.0
lab*ich 0.0 0.0 0.0

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 99.99 0.01 -

relative CIELAB lab*
lab*lab 1.0 0.0 0.0
lab*ich 1.0 0.0 0.0
lab*nch 0.0 0.0 -
relative Natural Colour (NC)
lab*trj 1.0 0.0 0.0
lab*ice 1.0 0.0 -
lab*ncc 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 -
relative Natural Colour (NC)
lab*trj 0.75 0.0 0.0
lab*ice 0.75 0.0 -
lab*ncc 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 56.71 -0.24 2.14
LAB*LAB 56.71 0.0 0.0
LAB*LAB 50.00 0.01 -

relative CIELAB lab*
lab*lab 0.5 0.0 0.0
lab*ich 0.5 0.0 0.0
lab*nch 0.0 0.0 -
relative Natural Colour (NC)
lab*trj 0.5 0.0 0.0
lab*ice 0.5 0.0 -
lab*ncc 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 -
relative Natural Colour (NC)
lab*trj 0.25 0.0 0.0
lab*ice 0.25 0.0 -
lab*ncc 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*trj 0.0 0.0 0.0
lab*ice 0.0 0.0 -
lab*ncc 1.0 0.0 -

$n^* = 1.0$

ORS18; adaptierte CIELAB-Daten

	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	65.39	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 -
relative Natural Colour (NC)
lab*trj 0.712 -0.436 0.243
lab*ice 0.712 -0.436 0.243
lab*ncc 0.0 0.0 -

relative Inform. Technology (IT)
olv3* 0.25 0.75 0.25 (1.0)
cmyn3* 0.75 0.25 0.75 (0.0)
olv4* 0.5 1.0 0.5 (1.0)
cmyn4* 0.5 0.0 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 53.81 -31.16 19.43
LAB*LAB 53.81 -31.16 19.43
LAB*LAB 50.00 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 -
relative Natural Colour (NC)
lab*trj 0.569 -0.654 0.365
lab*ice 0.569 -0.654 0.365
lab*ncc 0.0 0.0 -

relative Inform. Technology (IT)
olv3* 0.0 0.75 0.0 (1.0)
cmyn3* 0.75 0.25 0.75 (0.0)
olv4* 0.5 1.0 0.5 (1.0)
cmyn4* 0.5 0.0 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 33.81 -31.16 19.43
LAB*LAB 33.81 -31.16 19.43
LAB*LAB 50.00 35.95 150.91

relative CIELAB lab*
lab*lab 0.462 -0.478 0.144
lab*ich 0.462 -0.478 0.144
lab*nch 0.0 0.0 -
relative Natural Colour (NC)
lab*trj 0.462 -0.478 0.144
lab*ice 0.462 -0.478 0.144
lab*ncc 0.0 0.0 -

relative Inform. Technology (IT)
olv3* 0.0 0.5 0.0 (1.0)
cmyn3* 1.0 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 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 -
relative Natural Colour (NC)
lab*trj 0.213 -0.436 0.243
lab*ice 0.213 -0.436 0.243
lab*ncc 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 1.0 (0.0)
olv4* 0.25 1.0 0.25 (1.0)
cmyn4* 1.0 0.0 1.0 (0.0)
standard and adapted CIELAB
LAB*LAB 62.02 -47.11 26.21
LAB*LAB 62.02 -47.11 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 -
relative Natural Colour (NC)
lab*trj 0.569 -0.654 0.365
lab*ice 0.569 -0.654 0.365
lab*ncc 0.0 0.0 -

relative Inform. Technology (IT)
olv3* 0.0 1.0 0.0 (1.0)
cmyn3* 0.0 1.0 0.0 (0.0)
olv4* 0.25 1.0 0.25 (1.0)
cmyn4* 0.0 1.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 50.9 -62.81 34.95
LAB*LAB 50.9 -62.81 34.95
LAB*LAB 50.00 71.89 150.91

relative CIELAB lab*
lab*lab 0.425 -0.873 0.486
lab*ich 0.425 -0.873 0.486
lab*nch 0.0 0.0 -
relative Natural Colour (NC)
lab*trj 0.425 -0.873 0.486
lab*ice 0.425 -0.873 0.486
lab*ncc 0.0 0.0 -

relative Inform. Technology (IT)
olv3* 0.0 0.25 0.0 (1.0)
cmyn3* 0.25 0.75 0.25 (0.0)
olv4* 0.0 1.0 0.0 (1.0)
cmyn4* 0.0 0.75 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 37.36 -0.13 0.83
LAB*LAB 37.36 -0.13 0.83
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 -
relative Natural Colour (NC)
lab*trj 0.213 -0.436 0.243
lab*ice 0.213 -0.436 0.243
lab*ncc 0.0 0.0 -

$n^* = 0.25$

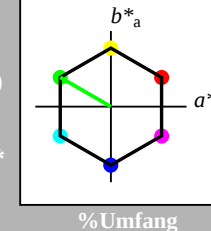
Schwarzheit n^*

relative Buntheit c^*

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 99.99 0.01 -

relative CIELAB lab*
lab*lab 1.0 0.0 0.0
lab*ich 1.0 0.0 0.0
lab*nch 0.0 0.0 -
relative Natural Colour (NC)
lab*trj 1.0 0.0 0.0
lab*ice 1.0 0.0 -
lab*ncc 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 -
relative Natural Colour (NC)
lab*trj 0.75 0.0 0.0
lab*ice 0.75 0.0 -
lab*ncc 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 56.72 0.0 0.0
LAB*LAB 56.72 0.0 0.0
LAB*LAB 50.00 0.01 -

relative CIELAB lab*
lab*lab 0.5 0.0 0.0
lab*ich 0.5 0.0 0.0
lab*nch 0.0 0.0 -
relative Natural Colour (NC)
lab*trj 0.5 0.0 0.0
lab*ice 0.5 0.0 -
lab*ncc 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 -0.13 0.83
LAB*LAB 25.00 0.01 -

relative CIELAB lab*
lab*lab 0.25 0.0 0.0
lab*ich 0.25 0.0 0.0
lab*nch 0.0 0.0 -
relative Natural Colour (NC)
lab*trj 0.25 0.0 0.0
lab*ice 0.25 0.0 -
lab*ncc 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 0.01 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 -
lab*ncc 1.0 0.0 -

$n^* = 1.0$

relative Inform. Technology (IT)
olv3* 0.75 1.0 0.75 (1.0)
cmyn3* 0.25 0.0 0.75 (0.0)
olv4* 0.75 1.0 0.75 (1.0)
cmyn4* 0.25 0.0 0.75 (0.0)
standard and adapted CIELAB
LAB*LAB 85.73 -16.74 9.67
LAB*LAB 85.73 -16.74 9.67
LAB*LAB 97.5 19.34 150.0

relative CIELAB lab*
lab*lab 0.75 0.25 0.25 0.125
lab*ich 0.75 0.25 0.25 0.125
lab*nch 0.0 0.25 0.125 0.0
lab*trj 0.75 0.25 0.25 0.125
lab*ice 0.75 0.25 0.25 0.125
lab*ncc 0.0 0.25 0.125 0.0

relative Inform. Technology (IT)
olv3* 0.5 0.75 0.5 (1.0)
cmyn3* 0.5 0.25 0.5 (0.0)
olv4* 0.75 1.0 0.75 (1.0)
cmyn4* 0.5 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 -0.216 0.125
lab*ich 0.625 -0.216 0.125
lab*nch 0.0 0.25 0.125 0.0
lab*trj 0.625 -0.216 0.125
lab*ice 0.625 -0.216 0.125
lab*ncc 0.0 0.25 0.125 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* 0.75 1.0 0.75 (1.0)
cmyn4* 0.5 0.0 0.5 (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 -0.432 0.25
lab*ich 0.375 -0.432 0.25
lab*nch 0.0 0.25 0.125 0.0
lab*trj 0.375 -0.432 0.25
lab*ice 0.375 -0.432 0.25
lab*ncc 0.0 0.25 0.125 0.0

relative Inform. Technology (IT)
olv3* 0.0 0.5 0.0 (1.0)
cmyn3* 0.75 0.25 0.75 (0.0)
olv4* 0.5 1.0 0.5 (1.0)
cmyn4* 0.5 0.0 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 37.36 -0.13 0.83
LAB*LAB 37.36 -0.13 0.83
LAB*LAB 25.01 35.95 150.91

relative CIELAB lab*
lab*lab 0.25 -0.432 0.25
lab*ich 0.25 -0.432 0.25
lab*nch 0.0 0.25 0.125 0.0
lab*trj 0.25 -0.432 0.25
lab*ice 0.25 -0.432 0.25
lab*ncc 0.0 0.25 0.125 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 0.01 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 -
lab*ncc 1.0 0.0 -

relative Inform. Technology (IT)
olv3* 0.75 1.0 0.75 (1.0)
cmyn3* 0.25 0.0 0.75 (0.0)
olv4* 0.75 1.0 0.75 (1.0)
cmyn4* 0.25 0.0 0.75 (0.0)
standard and adapted CIELAB
LAB*LAB 85.73 -16.74 9.67
LAB*LAB 85.73 -16.74 9.67
LAB*LAB 97.5 19.34 150.0

relative CIELAB lab*
lab*lab 0.75 0.25 0.25 0.125
lab*ich 0.75 0.25 0.25 0.125
lab*nch 0.0 0.25 0.125 0.0
lab*trj 0.75 0.25 0.25 0.125
lab*ice 0.75 0.25 0.25 0.125
lab*ncc 0.0 0.25 0.125 0.0

relative Inform. Technology (IT)
olv3* 0.5 0.75 0.5 (1.0)
cmyn3* 0.5 0.25 0.5 (0.0)
olv4* 0.75 1.0 0.75 (1.0)
cmyn4* 0.5 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 -0.216 0.125
lab*ich 0.625 -0.216 0.125
lab*nch 0.0 0.25 0.125 0.0
lab*trj 0.625 -0.216 0.125
lab*ice 0.625 -0.216 0.125
lab*ncc 0.0 0.25 0.125 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* 0.75 1.0 0.75 (1.0)
cmyn4* 0.5 0.0 0.5 (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 -0.432 0.25
lab*ich 0.375 -0.432 0.25
lab*nch 0.0 0.25 0.125 0.0
lab*trj 0.375 -0.432 0.25
lab*ice 0.375 -0.432 0.25
lab*ncc 0.0 0.25 0.125 0.0

relative Inform. Technology (IT)
olv3* 0.0 0.5 0.0 (1.0)
cmyn3* 0.75 0.25 0.75 (0.0)
olv4* 0.5 1.0 0.5 (1.0)
cmyn4* 0.5 0.0 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 37.36 -0.13 0.83
LAB*LAB 37.36 -0.13 0.83
LAB*LAB 25.01 35.95 150.91

relative CIELAB lab*
lab*lab 0.25 -0.432 0.25
lab*ich 0.25 -0.432 0.25
lab*nch 0.0 0.25 0.125 0.0
lab*trj 0.25 -0.432 0.25
lab*ice 0.25 -0.432 0.25
lab*ncc 0.0 0.25 0.125 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 0.01 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 -
lab*ncc 1.0 0.0 -

SRS18; adaptierte CIELAB-Daten

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	h^*_{ab}
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

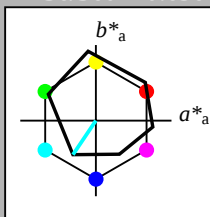
Eingabe: Farbmetrisches Offset-Reflektiv-System ORS18

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

lab^*ich 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 47.5
LAB*LAB 95.41 0.0 0.0
LAB*LAB 99.99 0.01 0.0

relative CIELAB lab*
lab*lab 1.0 0.0 0.0
lab*ch 1.0 0.0 0.0
lab*nch 0.0 0.0 0.0
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 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
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 55.00 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
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 (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*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*ch 0.25 0.0 0.0
lab*nch 0.0 0.0 0.0
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 0.0
LAB*LAB 18.02 0.0 0.0
LAB*LAB 18.00 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
lab*tr 0.0 0.0 0.0
lab*ice 0.0 0.0 0.0
lab*nice 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 18.00 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
lab*tr 0.0 0.0 0.0
lab*ice 0.0 0.0 0.0
lab*nice 1.0 0.0 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*LAB 86.21 -7.57 -11.24
LAB*LAB 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
lab*tr 0.881 -0.123 -0.216
lab*ice 0.875 0.25 0.656
lab*nice 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* 0.25 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 66.86 -8.02 -8.42
LAB*LAB 66.86 -7.58 -11.25
LAB*LAB 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
lab*tr 0.631 -0.123 -0.216
lab*ice 0.625 0.25 0.656
lab*nice 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*LAB 47.51 -7.58 -11.25
LAB*LAB 47.5 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
lab*tr 0.381 -0.123 -0.216
lab*ice 0.375 0.25 0.656
lab*nice 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 38.12 -15.03 0.98
LAB*LAB 38.12 -15.03 0.98
LAB*LAB 38.12 -15.03 0.98

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
lab*tr 0.131 -0.123 -0.216
lab*ice 0.125 0.25 0.656
lab*nice 0.25 0.25 0.656

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 0.0
LAB*LAB 18.02 0.0 0.0
LAB*LAB 18.00 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
lab*tr 0.0 0.0 0.0
lab*ice 0.0 0.0 0.0
lab*nice 1.0 0.0 0.0

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 0.0
LAB*LAB 18.02 0.0 0.0
LAB*LAB 18.00 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
lab*tr 0.0 0.0 0.0
lab*ice 0.0 0.0 0.0
lab*nice 1.0 0.0 0.0

ORS18; adaptierte CIELAB-Daten

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

%Regularität

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

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

relative Inform. Technology (IT)
olv3* 0.5 1.0 1.0 (1.0)
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 -15.16 -19.98
LAB*LAB 77.01 -15.16 -19.98
LAB*LAB 77.01 -15.16 -19.98

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
lab*tr 0.762 -0.247 -0.433
lab*ice 0.75 0.5 0.656
lab*nice 0.0 0.5 0.656

relative Inform. Technology (IT)
olv3* 0.25 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*LAB 57.67 -15.43 -20.29
LAB*LAB 57.67 -15.43 -20.29

relative CIELAB lab*
lab*lab 0.512 -0.247 -0.433
lab*ch 0.5 0.5 0.656
lab*nch 0.0 0.5 0.656
lab*tr 0.512 -0.247 -0.433
lab*ice 0.5 0.5 0.656
lab*nice 0.0 0.5 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* 0.5 1.0 1.0 (1.0)
cmyn4* 0.5 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 38.32 -15.16 -22.5
LAB*LAB 38.32 -15.16 -22.5
LAB*LAB 38.32 -15.16 -22.5

relative CIELAB lab*
lab*lab 0.262 -0.278 -0.414
lab*ch 0.25 0.5 0.656
lab*nch 0.0 0.5 0.656
lab*tr 0.262 -0.247 -0.433
lab*ice 0.25 0.5 0.656
lab*nice 0.0 0.5 0.656

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 18.03 0.0 0.0
LAB*LAB 18.03 0.0 0.0
LAB*LAB 18.00 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
lab*tr 0.0 0.0 0.0
lab*ice 0.0 0.0 0.0
lab*nice 1.0 0.0 0.0

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 18.03 0.0 0.0
LAB*LAB 18.03 0.0 0.0
LAB*LAB 18.00 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
lab*tr 0.0 0.0 0.0
lab*ice 0.0 0.0 0.0
lab*nice 1.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.25 1.0 1.0 (1.0)
cmyn3* 0.75 0.0 0.0 (0.0)
olv4* 0.25 1.0 1.0 (1.0)
cmyn4* 0.75 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 67.81 -23.21 -30.86
LAB*LAB 67.81 -23.21 -30.86
LAB*LAB 67.81 -23.21 -30.86

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
lab*tr 0.642 -0.371 -0.65
lab*ice 0.625 0.75 0.656
lab*nice 0.0 0.75 0.656

relative Inform. Technology (IT)
olv3* 0.0 0.25 0.25 (1.0)
cmyn3* 1.0 0.25 0.25 (0.0)
olv4* 0.25 1.0 1.0 (1.0)
cmyn4* 0.75 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 58.62 -30.33 -45.01
LAB*LAB 58.62 -30.33 -45.01
LAB*LAB 58.62 -30.33 -45.01

relative CIELAB lab*
lab*lab 0.394 -0.418 -0.621
lab*ch 0.375 0.75 0.656
lab*nch 0.0 0.75 0.656
lab*tr 0.394 -0.371 -0.65
lab*ice 0.375 0.75 0.656
lab*nice 0.0 0.75 0.656

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 18.03 0.0 0.0
LAB*LAB 18.03 0.0 0.0
LAB*LAB 18.00 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
lab*tr 0.0 0.0 0.0
lab*ice 0.0 0.0 0.0
lab*nice 1.0 0.0 0.0

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 18.03 0.0 0.0
LAB*LAB 18.03 0.0 0.0
LAB*LAB 18.00 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
lab*tr 0.0 0.0 0.0
lab*ice 0.0 0.0 0.0
lab*nice 1.0 0.0 0.0

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 18.03 0.0 0.0
LAB*LAB 18.03 0.0 0.0
LAB*LAB 18.00 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
lab*tr 0.0 0.0 0.0
lab*ice 0.0 0.0 0.0
lab*nice 1.0 0.0 0.0

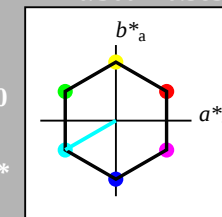
Ausgabe: Farbmetrisches Standard-Reflektiv-System SRS18

für Buntton $h^* = lab^*h = 210/360 = 0.583$

lab^*tch und lab^*nch

D65: Buntton C
LCH*Ma: 57 77 210
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 0.0 0.0
LAB*LAB 95.41 0.0 0.0
LAB*LAB 99.99 0.01 0.0

relative CIELAB lab*
lab*lab 1.0 0.0 0.0
lab*ch 1.0 0.0 0.0
lab*nch 0.0 0.0 0.0
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 0.0 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 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*ch 0.75 0.0 0.0
lab*nch 0.0 0.0 0.0
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 55.00 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
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 (0.0)
cmyn3* 0.75 0.25 0.25 (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 37.37 0.0 0.0
LAB*LAB 37.37 0.0 0.0
LAB*LAB 35.00 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
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 0.5 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 47.04 -16.75 -9.67
LAB*LAB 47.04 -16.75 -9.67
LAB*LAB 47.04 -16.75 -9.67

relative CIELAB lab*
lab*lab 0.375 -0.432 -0.249
lab*ch 0.375 0.25 0.583
lab*nch 0.0 0.25 0.583
lab*tr 0.375 -0.386 -0.315
lab*ice 0.375 0.25 0.583
lab*nice 0.0 0.25 0.583

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 18.03 0.0 0.0
LAB*LAB 18.03 0.0 0.0
LAB*LAB 18.00 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
lab*tr 0.0 0.0 0.0
lab*ice 0.0 0.0 0.0
lab*nice 1.0 0.0 0.0

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 18.03 0.0 0.0
LAB*LAB 18.03 0.0 0.0
LAB*LAB 18.00 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
lab*tr 0.0 0.0 0.0
lab*ice 0.0 0.0 0.0
lab*nice 1.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.5 0.5 0.5 (1.0)
cmyn3* 0.5 0.5 0.5 (0.0)
olv4* 0.75 1.0 1.0 (1.0)
cmyn4* 0.25 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 66.39 -16.75 -9.67
LAB*LAB 66.39 -16.75 -9.67
LAB*LAB 62.5 13.57 210.0

relative CIELAB lab*
lab*lab 0.625 -0.192 -0.157
lab*ch 0.625 0.25 0.609
lab*nch 0.0 0.25 0.6

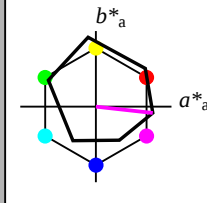
Eingabe: Farbmetrisches Offset-Reflektiv-System ORS18

für Buntton $h^* = lab^*h = 354/360 = 0.982$

lab^*ich und lab^*nch

D65: Buntton M
LCH*Ma: 48 76 354
olv*Ma: 1.0 0.0 1.0

Dreiecks-Helligkeit t^*



relative Inform. Technology (IT)
olv3* 1.0 1.0 1.0 (1.0)
cmyn3* 0.0 0.0 0.0 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 95.41 -0.98 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*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 (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 76.06 0.0 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 (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 56.71 0.0 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* 0.25 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*LAB 37.36 0.0 0.0
LAB*LAB 37.36 0.0 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 (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 18.02 0.0 0.0

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 1.0 0.0 0.0
lab*nce 1.0 0.0 0.0

$n^* = 1.0$

relative Inform. Technology (IT)
olv3* 1.0 0.75 1.0 (1.0)
cmyn3* 0.0 0.25 0.0 (0.0)
olv4* 1.0 0.75 1.0 (1.0)
cmyn4* 0.0 0.25 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 83.59 18.05 1.87
LAB*LAB 83.59 18.05 1.87
LAB*LAB 83.59 18.05 1.87

relative CIELAB lab*
lab*lab 0.847 0.248 -0.027
lab*ich 0.875 0.25 0.982
lab*nch 0.0 0.25 0.982
relative Natural Colour (NC)
lab*trj 0.847 0.227 -0.103
lab*ice 0.875 0.25 0.932
lab*nce 0.0 0.25 0.932

relative Inform. Technology (IT)
olv3* 0.75 0.5 0.75 (1.0)
cmyn3* 0.25 0.5 0.75 (0.0)
olv4* 1.0 0.75 1.0 (0.0)
cmyn4* 0.0 0.25 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 64.24 18.43 0.56
LAB*LAB 64.24 18.43 0.56
LAB*LAB 64.24 18.43 0.56

relative CIELAB lab*
lab*lab 0.597 0.248 -0.027
lab*ich 0.625 0.25 0.982
lab*nch 0.25 0.25 0.982
relative Natural Colour (NC)
lab*trj 0.597 0.227 -0.103
lab*ice 0.625 0.25 0.932
lab*nce 0.25 0.25 0.932

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 0.75 1.0 (0.0)
cmyn4* 0.0 0.25 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 44.89 18.8 -0.74
LAB*LAB 44.89 18.8 -0.74
LAB*LAB 44.89 18.8 -0.74

relative CIELAB lab*
lab*lab 0.347 0.248 -0.027
lab*ich 0.375 0.25 0.982
lab*nch 0.25 0.25 0.982
relative Natural Colour (NC)
lab*trj 0.347 0.227 -0.103
lab*ice 0.375 0.25 0.932
lab*nce 0.25 0.25 0.932

relative Inform. Technology (IT)
olv3* 0.25 0.0 0.0 (1.0)
cmyn3* 0.75 1.0 0.75 (0.0)
olv4* 1.0 0.75 1.0 (0.0)
cmyn4* 0.0 0.25 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 25.54 19.17 2.04
LAB*LAB 25.54 19.17 2.04
LAB*LAB 25.54 19.17 2.04

relative CIELAB lab*
lab*lab 0.097 0.248 -0.027
lab*ich 0.125 0.25 0.982
lab*nch 0.25 0.25 0.982
relative Natural Colour (NC)
lab*trj 0.097 0.227 -0.103
lab*ice 0.125 0.25 0.932
lab*nce 0.25 0.25 0.932

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 (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 18.02 0.0 0.0

$n^* = 0.50$

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 0.5 1.0 (1.0)
cmyn3* 0.0 0.5 0.0 (0.0)
olv4* 1.0 0.5 1.0 (1.0)
cmyn4* 0.0 0.5 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 71.77 37.63 -4.17
LAB*LAB 71.77 37.63 -4.17
LAB*LAB 71.77 37.63 -4.17

relative CIELAB lab*
lab*lab 0.695 0.497 -0.054
lab*ich 0.75 0.5 0.982
lab*nch 0.0 0.5 0.982
relative Natural Colour (NC)
lab*trj 0.695 0.454 -0.208
lab*ice 0.75 0.5 0.932
lab*nce 0.0 0.5 0.932

relative Inform. Technology (IT)
olv3* 0.75 0.25 0.75 (1.0)
cmyn3* 0.25 0.75 0.25 (0.0)
olv4* 1.0 0.5 1.0 (0.0)
cmyn4* 0.0 0.5 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 52.42 37.64 -4.17
LAB*LAB 52.42 37.64 -4.17
LAB*LAB 52.42 37.64 -4.17

relative CIELAB lab*
lab*lab 0.445 0.454 -0.208
lab*ich 0.445 0.454 -0.208
lab*nch 0.25 0.5 0.932
relative Natural Colour (NC)
lab*trj 0.445 0.454 -0.208
lab*ice 0.445 0.454 -0.208
lab*nce 0.25 0.5 0.932

relative Inform. Technology (IT)
olv3* 0.5 0.0 0.5 (0.0)
cmyn3* 0.5 0.0 0.5 (0.0)
olv4* 1.0 0.5 1.0 (0.0)
cmyn4* 0.0 0.5 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 33.07 37.64 -4.17
LAB*LAB 33.07 37.64 -4.17
LAB*LAB 33.07 37.64 -4.17

relative CIELAB lab*
lab*lab 0.292 0.454 -0.082
lab*ich 0.375 0.5 0.982
lab*nch 0.25 0.5 0.982
relative Natural Colour (NC)
lab*trj 0.292 0.454 -0.082
lab*ice 0.375 0.5 0.932
lab*nce 0.25 0.5 0.932

relative Inform. Technology (IT)
olv3* 0.25 0.0 0.25 (0.0)
cmyn3* 0.75 1.0 0.75 (0.0)
olv4* 1.0 0.5 1.0 (0.0)
cmyn4* 0.0 0.25 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 25.01 37.66 353.66
LAB*LAB 25.01 37.66 353.66
LAB*LAB 25.01 37.66 353.66

relative CIELAB lab*
lab*lab 0.195 0.497 -0.054
lab*ich 0.25 0.5 0.982
lab*nch 0.25 0.5 0.982
relative Natural Colour (NC)
lab*trj 0.195 0.454 -0.208
lab*ice 0.25 0.5 0.932
lab*nce 0.25 0.5 0.932

$n^* = 0.25$

relative Inform. Technology (IT)
olv3* 1.0 0.25 1.0 (1.0)
cmyn3* 0.0 0.25 0.0 (0.0)
olv4* 1.0 0.25 1.0 (1.0)
cmyn4* 0.0 0.25 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 59.95 56.15 -3.9
LAB*LAB 59.95 56.15 -3.9
LAB*LAB 59.95 56.15 -3.9

relative CIELAB lab*
lab*lab 0.542 0.745 -0.082
lab*ich 0.625 0.75 0.982
lab*nch 0.0 0.75 0.982
relative Natural Colour (NC)
lab*trj 0.542 0.682 -0.312
lab*ice 0.625 0.75 0.932
lab*nce 0.0 0.75 0.932

relative Inform. Technology (IT)
olv3* 0.75 0.0 0.75 (1.0)
cmyn3* 0.25 0.0 0.25 (0.0)
olv4* 1.0 0.25 1.0 (0.0)
cmyn4* 0.0 0.0 0.25 (0.0)
standard and adapted CIELAB
LAB*LAB 48.13 75.26 -8.35
LAB*LAB 48.13 75.26 -8.35
LAB*LAB 48.13 75.26 -8.35

relative CIELAB lab*
lab*lab 0.389 0.994 -0.109
lab*ich 0.5 1.0 0.982
lab*nch 0.0 1.0 0.982
relative Natural Colour (NC)
lab*trj 0.389 0.909 -0.416
lab*ice 0.5 1.0 0.932
lab*nce 0.0 1.0 0.932

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 (0.0)
cmyn4* 0.0 0.5 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 56.72 0.0 0.0
LAB*LAB 56.72 0.0 0.0
LAB*LAB 56.72 0.0 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* 0.25 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 0.25 0.25 (0.0)
standard and adapted CIELAB
LAB*LAB 37.37 0.0 0.0
LAB*LAB 37.37 0.0 0.0
LAB*LAB 37.37 0.0 0.0

$n^* = 0.00$

Schwarzheit n^*

$n^* = 0.25$

$n^* = 0.50$

$n^* = 1.0$

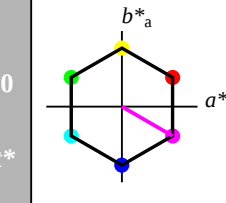
Ausgabe: Farbmetrisches Standard-Reflektiv-System SRS18

für Buntton $h^* = lab^*h = 330/360 = 0.917$

lab^*tch und lab^*nch

D65: Buntton M
LCH*Ma: 57 77 330
olv*Ma: 1.0 0.0 1.0

Dreiecks-Helligkeit t^*



relative Inform. Technology (IT)
olv3* 1.0 1.0 1.0 (1.0)
cmyn3* 0.0 0.0 0.0 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 95.41 0.0 0.0
LAB*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*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 (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 76.07 0.0 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 (0.0)
cmyn3* 0.5 0.5 0.5 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.5 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 56.72 0.0 0.0
LAB*LAB 56.72 0.0 0.0
LAB*LAB 56.72 0.0 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* 0.25 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 0.25 0.25 (0.0)
standard and adapted CIELAB
LAB*LAB 37.37 0.0 0.0
LAB*LAB 37.37 0.0 0.0
LAB*LAB 37.37 0.0 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 (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 18.03 0.0 0.0

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 1.0 0.0 0.0
lab*nce 1.0 0.0 0.0

$n^* = 0.00$

relative Inform. Technology (IT)
olv3* 0.75 0.5 0.75 (1.0)
cmyn3* 0.25 0.5 0.75 (0.0)
olv4* 1.0 0.75 1.0 (0.0)
cmyn4* 0.0 0.25 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 66.39 16.76 -9.67
LAB*LAB 66.39 16.76 -9.67
LAB*LAB 66.39 16.76 -9.67

relative CIELAB lab*
lab*lab 0.625 0.216 -0.124
lab*ich 0.625 0.25 0.917
lab*nch 0.25 0.25 0.917
relative Natural Colour (NC)
lab*trj 0.625 0.18 -0.172
lab*ice 0.625 0.25 0.878
lab*nce 0.0 0.25 0.878

relative Inform. Technology (IT)
olv3* 0.5 0.25 0.5 (1.0)
cmyn3* 0.5 0.25 0.5 (0.0)
olv4* 1.0 0.5 1.0 (0.0)
cmyn4* 0.0 0.25 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 56.71 33.52 -19.34
LAB*LAB 56.71 33.52 -19.34
LAB*LAB 56.71 33.52 -19.34

relative CIELAB lab*
lab*lab 0.5 0.433 -0.249
lab*ich 0.5 0.5 0.917
lab*nch 0.25 0.5 0.917
relative Natural Colour (NC)
lab*trj 0.5 0.36 -0.346
lab*ice 0.5 0.5 0.878
lab*nce 0.0 0.5 0.878

relative Inform. Technology (IT)
olv3* 0.25 0.0 0.25 (0.0)
cmyn3* 0.75 1.0 0.75 (0.0)
olv4* 1.0 0.5 1.0 (0.0)
cmyn4* 0.0 0.25 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 25.01 37.66 353.66
LAB*LAB 25.01 37.66 353.66
LAB*LAB 25.01 37.66 353.66

relative CIELAB lab*
lab*lab 0.125 0.216 -0.124
lab*ich 0.125 0.25 0.917
lab*nch 0.25 0.25 0.917
relative Natural Colour (NC)
lab*trj 0.125 0.18 -0.172
lab*ice 0.125 0.25 0.878
lab*nce 0.0 0.25 0.878

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 (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 18.03 0.0 0.0

$n^* = 0.50$

relative Inform. Technology (IT)
olv3* 0.75 0.25 0.75 (1.0)
cmyn3* 0.25 0.75 0.25 (0.0)
olv4* 1.0 0.5 1.0 (0.0)
cmyn4* 0.0 0.25 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 56.71 33.52 -19.34
LAB*LAB 56.71 33.52 -19.34
LAB*LAB 56.71 33.52 -19.34

relative CIELAB lab*
lab*lab 0.5 0.433 -0.249
lab*ich 0.5 0.5 0.917
lab*nch 0.25 0.5 0.917
relative Natural Colour (NC)
lab*trj 0.5 0.36 -0.346
lab*ice 0.5 0.5 0.878
lab*nce 0.0 0.5 0.878

relative Inform. Technology (IT)
olv3* 0.25 0.0 0.25 (0.0)
cmyn3* 0.75 1.0 0.75 (0.0

Eingabe: Farbmetrisches Offset-Reflektiv-System ORS18

für Buntton $h^* = lab^*h = 25/360 = 0.069$

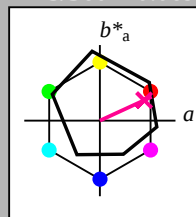
lab^*ich und lab^*nch

D65: Buntton R

LCH*Ma: 48 75 25

olv*Ma: 1.0 0.0 0.32

Dreiecks-Helligkeit t^*



relative Inform. Technology (IT)

olv3* 1.0 1.0 1.0 (1.0)
cmyn3* 0.0 0.0 0.0 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 95.41 -0.98 47.5
LAB*LAB 95.41 0.0 0.0
LAB*LAB 99.99 0.01 -

relative CIELAB lab*

lab*lab 1.0 0.0 0.0
lab*ich 1.0 0.0 0.0
lab*nch 0.0 0.0 -
relative Natural Colour (NC)
lab*lab 1.0 0.0 0.0
lab*ich 1.0 0.0 0.0
lab*nch 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 0.75 0.75 (1.0)
lab*ich 0.75 0.75 0.75 (1.0)
lab*nch 0.25 0.25 0.25 (0.0)
relative Natural Colour (NC)
lab*lab 0.75 0.75 0.75 (1.0)
lab*ich 0.75 0.75 0.75 (1.0)
lab*nch 0.25 0.25 0.25 (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 55.00 0.01 -

relative CIELAB lab*

lab*lab 0.5 0.5 0.5 (0.0)
lab*ich 0.5 0.5 0.5 (0.0)
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*lab 0.5 0.5 0.5 (0.0)
lab*ich 0.5 0.5 0.5 (0.0)
lab*nch 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 35.00 0.01 -

relative CIELAB lab*

lab*lab 0.25 0.25 0.25 (1.0)
lab*ich 0.25 0.25 0.25 (1.0)
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*lab 0.25 0.25 0.25 (1.0)
lab*ich 0.25 0.25 0.25 (1.0)
lab*nch 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 (0.0)
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 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*lab 0.0 0.0 0.0
lab*ich 0.0 0.0 0.0
lab*nch 1.0 0.0 0.0

relative Inform. Technology (IT)

olv3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 1.0 (0.0)
olv4* 1.0 1.0 1.0 (0.0)
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 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*lab 0.0 0.0 0.0
lab*ich 0.0 0.0 0.0
lab*nch 1.0 0.0 0.0

ORS18; adaptierte CIELAB-Daten

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

%Regularität

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

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

relative Inform. Technology (IT)

olv3* 1.0 0.5 0.661 (1.0)
cmyn3* 0.0 0.5 0.339 (0.0)
olv4* 1.0 0.5 0.661 (1.0)
cmyn4* 0.0 0.5 0.339 (0.0)
standard and adapted CIELAB
LAB*LAB 71.7 33.75 18.92
LAB*LAB 71.7 34.28 15.76
LAB*LAB 75.0 37.73 24.7

relative CIELAB lab*

lab*lab 0.694 0.454 0.209
lab*ich 0.75 0.5 0.069
lab*nch 0.0 0.5 0.069
relative Natural Colour (NC)
lab*lab 0.694 0.454 0.209
lab*ich 0.75 0.5 0.069
lab*nch 0.0 0.5 0.069

relative Inform. Technology (IT)

olv3* 0.75 0.5 0.411 (1.0)
cmyn3* 0.25 0.5 0.589 (0.0)
olv4* 1.0 0.5 0.661 (1.0)
cmyn4* 0.0 0.5 0.339 (0.0)
standard and adapted CIELAB
LAB*LAB 52.36 34.13 17.62
LAB*LAB 52.36 34.29 15.77
LAB*LAB 50.0 37.74 24.7

relative CIELAB lab*

lab*lab 0.444 0.454 0.209
lab*ich 0.5 0.5 0.069
lab*nch 0.0 0.5 0.069
relative Natural Colour (NC)
lab*lab 0.444 0.454 0.209
lab*ich 0.5 0.5 0.069
lab*nch 0.0 0.5 0.069

relative Inform. Technology (IT)

olv3* 0.5 0.0 0.161 (1.0)
cmyn3* 0.5 0.0 0.839 (0.0)
olv4* 1.0 0.0 0.661 (0.5)
cmyn4* 0.5 0.0 0.339 (0.5)
standard and adapted CIELAB
LAB*LAB 33.01 34.49 16.37
LAB*LAB 33.01 34.28 15.77
LAB*LAB 30.0 37.73 24.7

relative CIELAB lab*

lab*lab 0.194 0.454 0.209
lab*ich 0.25 0.5 0.069
lab*nch 0.0 0.5 0.069
relative Natural Colour (NC)
lab*lab 0.194 0.454 0.209
lab*ich 0.25 0.5 0.069
lab*nch 0.0 0.5 0.069

relative Inform. Technology (IT)

olv3* 0.25 0.0 0.050 (1.0)
cmyn3* 0.75 0.0 0.950 (0.0)
olv4* 1.0 0.0 0.661 (0.25)
cmyn4* 0.25 0.0 0.339 (0.25)
standard and adapted CIELAB
LAB*LAB 16.48 33.01 34.49
LAB*LAB 16.48 33.01 34.28
LAB*LAB 15.0 37.73 24.7

relative CIELAB lab*

lab*lab 0.097 0.227 0.104
lab*ich 0.125 0.25 0.069
lab*nch 0.0 0.25 0.069
relative Natural Colour (NC)
lab*lab 0.097 0.227 0.104
lab*ich 0.125 0.25 0.069
lab*nch 0.0 0.25 0.069

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 0.0 0.0 (0.0)
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 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*lab 0.0 0.0 0.0
lab*ich 0.0 0.0 0.0
lab*nch 1.0 0.0 0.0

Ausgabe: Farbmetrisches Standard-Reflektiv-System SRS18

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

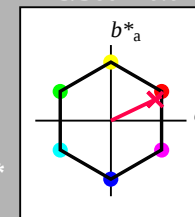
lab^*tch und lab^*nch

D65: Buntton R

LCH*Ma: 57 74 25

olv*Ma: 1.0 0.0 0.09

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 -

relative CIELAB lab*

lab*lab 1.0 0.0 0.0
lab*ich 1.0 0.0 0.0
lab*nch 0.0 0.0 -
relative Natural Colour (NC)
lab*lab 1.0 0.0 0.0
lab*ich 1.0 0.0 0.0
lab*nch 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 0.75 0.75 (1.0)
lab*ich 0.75 0.75 0.75 (1.0)
lab*nch 0.25 0.25 0.25 (0.0)
relative Natural Colour (NC)
lab*lab 0.75 0.75 0.75 (1.0)
lab*ich 0.75 0.75 0.75 (1.0)
lab*nch 0.25 0.25 0.25 (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 55.00 0.01 -

relative CIELAB lab*

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

relative Inform. Technology (IT)

olv3* 0.25 0.25 0.25 (1.0)
cmyn3* 0.75 0.75 0.75 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 37.37 0.0 0.83
LAB*LAB 37.37 0.0 0.0
LAB*LAB 35.00 0.01 -

relative CIELAB lab*

lab*lab 0.25 0.25 0.25 (1.0)
lab*ich 0.25 0.25 0.25 (1.0)
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*lab 0.25 0.25 0.25 (1.0)
lab*ich 0.25 0.25 0.25 (1.0)
lab*nch 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 (0.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 18.03 0.0 0.47
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*lab 0.0 0.0 0.0
lab*ich 0.0 0.0 0.0
lab*nch 1.0 0.0 0.0

relative Inform. Technology (IT)

olv3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 1.0 (0.0)
olv4* 1.0 1.0 1.0 (0.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 18.03 0.0 0.47
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*lab 0.0 0.0 0.0
lab*ich 0.0 0.0 0.0
lab*nch 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)

olv3* 1.0 0.5 0.544 (1.0)
cmyn3* 0.0 0.5 0.456 (0.0)
olv4* 1.0 0.5 0.544 (1.0)
cmyn4* 0.0 0.5 0.456 (0.0)
standard and adapted CIELAB
LAB*LAB 76.06 33.51 15.97
LAB*LAB 76.06 33.51 15.97
LAB*LAB 75.00 37.12 25.48

relative CIELAB lab*

lab*lab 0.75 0.5 0.323
lab*ich 0.75 0.5 0.071
lab*nch 0.0 0.5 0.071
relative Natural Colour (NC)
lab*lab 0.75 0.5 0.323
lab*ich 0.75 0.5 0.071
lab*nch 0.0 0.5 0.071

relative Inform. Technology (IT)

olv3* 0.75 0.25 0.284 (1.0)
cmyn3* 0.25 0.75 0.716 (0.0)
olv4* 1.0 0.5 0.544 (0.75)
cmyn4* 0.0 0.5 0.456 (0.25)
standard and adapted CIELAB
LAB*LAB 56.71 33.52 15.97
LAB*LAB 56.71 33.52 15.97
LAB*LAB 50.0 37.13 25.48

relative CIELAB lab*

lab*lab 0.625 0.75 0.323
lab*ich 0.625 0.75 0.071
lab*nch 0.0 0.75 0.071
relative Natural Colour (NC)
lab*lab 0.625 0.75 0.323
lab*ich 0.625 0.75 0.071
lab*nch 0.0 0.75 0.071

relative Inform. Technology (IT)

olv3* 0.5 0.0 0.193 (1.0)
cmyn3* 0.5 0.0 0.807 (0.0)
olv4* 1.0 0.0 0.544 (0.5)
cmyn4* 0.5 0.0 0.456 (0.5)
standard and adapted CIELAB
LAB*LAB 33.01 34.49 16.37
LAB*LAB 33.01 34.49 16.37
LAB*LAB 30.0 37.13 25.48

relative CIELAB lab*

lab*lab 0.375 0.677 0.323
lab*ich 0.5 0.5 0.071
lab*nch 0.0 0.5 0.071
relative Natural Colour (NC)
lab*lab 0.375 0.677 0.323
lab*ich 0.5 0.5 0.071
lab*nch 0.0 0.5 0.071

relative Inform. Technology (IT)

olv3* 0.25 0.0 0.077 (1.0)
cmyn3* 0.75 0.0 0.923 (0.0)
olv4* 1.0 0.0 0.544 (0.25)
cmyn4* 0.25 0.0 0.456 (0.25)
standard and adapted CIELAB
LAB*LAB 16.48 33.01 34.49
LAB*LAB 16.48 33.01 34.49
LAB*LAB 15.0 37.13 25.48

relative CIELAB lab*

lab*lab 0.188 0.339 0.188
lab*ich 0.25 0.25 0.071
lab*nch 0.0 0.25 0.071
relative Natural Colour (NC)
lab*lab 0.188 0.339 0.188
lab*ich 0.25 0.25 0.071
lab*nch 0.0 0.25 0.071

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 0.0 0.0 (0.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 18.03 0.0 0.47
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*lab 0.0 0.0 0.0
lab*ich

Eingabe: Farbmetrisches Offset-Reflektiv-System ORS18

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

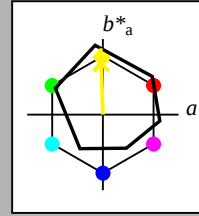
lab^*ich und lab^*nch

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)
cmyn3* 0.0 0.0 0.0 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 95.41 -0.98 47.5
LAB*LAB 95.41 0.0 0.0
LAB*LAB 99.99 0.01 0.0

relative CIELAB lab*
lab*lab 1.0 0.0 0.0
lab*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 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*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 50.00 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*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 (0.0)
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 43.18 0.13 0.83
LAB*LAB 43.18 0.0 0.0
LAB*LAB 25.00 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*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 0.0
LAB*LAB 18.02 0.0 0.0
LAB*LAB 0.01 0.01 0.0

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

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 0.01 0.01 0.0

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

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 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 48.29
LAB*LAB 90.8 -1.4 43.84
LAB*LAB 75.0 43.86 91.85

relative CIELAB lab*
lab*lab 0.94 -0.015 0.5
lab*ich 0.75 0.5 0.255
lab*nch 0.0 0.5 0.255
relative Natural Colour (NC)
lab*tr 0.94 0.0 0.5
lab*ice 0.75 0.5 0.255
lab*nice 0.0 0.5 0.255

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 0.951 0.5 (1.0)
cmyn4* 0.0 0.049 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 71.45 -1.92 46.98
LAB*LAB 71.45 -1.4 43.84
LAB*LAB 50.0 43.87 91.84

relative CIELAB lab*
lab*lab 0.75 0.75 0.75 (1.0)
lab*ich 0.625 0.75 0.255
lab*nch 0.0 0.75 0.255
relative Natural Colour (NC)
lab*tr 0.75 0.0 0.5
lab*ice 0.625 0.75 0.255
lab*nice 0.0 0.75 0.255

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 0.951 0.5 (1.0)
cmyn4* 0.0 0.049 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 56.71 -0.24 2.14
LAB*LAB 56.71 0.0 0.0
LAB*LAB 50.0 43.87 91.84

relative CIELAB lab*
lab*lab 0.5 0.5 0.5 (0.0)
lab*ich 0.5 0.5 0.255
lab*nch 0.0 0.5 0.255
relative Natural Colour (NC)
lab*tr 0.5 0.0 0.5
lab*ice 0.5 0.5 0.255
lab*nice 0.0 0.5 0.255

relative Inform. Technology (IT)
olv3* 0.25 0.25 0.25 (0.0)
cmyn3* 0.75 0.75 0.75 (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 43.18 0.13 0.83
LAB*LAB 43.18 0.0 0.0
LAB*LAB 25.0 43.87 91.84

relative CIELAB lab*
lab*lab 0.25 0.25 0.25 (0.0)
lab*ich 0.25 0.25 0.255
lab*nch 0.0 0.25 0.255
relative Natural Colour (NC)
lab*tr 0.25 0.0 0.5
lab*ice 0.25 0.25 0.255
lab*nice 0.0 0.25 0.255

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 0.951 0.5 (1.0)
cmyn4* 0.0 0.049 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*LAB 0.01 0.01 0.0

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

Ausgabe: Farbmetrisches Standard-Reflektiv-System SRS18

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

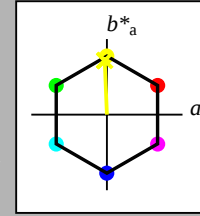
lab^*tch und lab^*nch

D65: Buntton J

LCH*Ma: 57 76 92

olv*Ma: 0.95 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 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*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 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*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 50.00 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*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 (0.0)
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 43.18 0.13 0.83
LAB*LAB 43.18 0.0 0.0
LAB*LAB 25.00 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*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 0.01 0.01 0.0

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

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 0.01 0.01 0.0

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

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)
olv3* 0.989 1.0 0.75 (1.0)
cmyn3* 0.011 0.0 0.25 (0.0)
olv4* 0.989 1.0 0.75 (1.0)
cmyn4* 0.011 0.0 0.25 (0.0)
standard and adapted CIELAB
LAB*LAB 85.73 -0.75 18.91
LAB*LAB 85.73 -0.75 18.91
LAB*LAB 87.5 18.92 92.29

relative CIELAB lab*
lab*lab 0.989 0.0 0.25
lab*ich 0.875 0.25 0.256
lab*nch 0.0 0.25 0.256
relative Natural Colour (NC)
lab*tr 0.875 0.0 0.25
lab*ice 0.875 0.25 0.256
lab*nice 0.0 0.25 0.256

relative Inform. Technology (IT)
olv3* 0.75 0.75 0.75 (1.0)
cmyn3* 0.25 0.25 0.25 (0.0)
olv4* 0.989 1.0 0.75 (1.0)
cmyn4* 0.011 0.0 0.25 (0.0)
standard and adapted CIELAB
LAB*LAB 66.39 -0.75 18.91
LAB*LAB 66.39 -0.75 18.91
LAB*LAB 62.5 18.92 92.31

relative CIELAB lab*
lab*lab 0.75 0.0 0.0
lab*ich 0.625 0.25 0.256
lab*nch 0.0 0.25 0.256
relative Natural Colour (NC)
lab*tr 0.625 0.0 0.25
lab*ice 0.625 0.25 0.256
lab*nice 0.0 0.25 0.256

relative Inform. Technology (IT)
olv3* 0.5 0.5 0.5 (0.0)
cmyn3* 0.5 0.5 0.5 (0.0)
olv4* 0.989 1.0 0.75 (1.0)
cmyn4* 0.011 0.0 0.25 (0.0)
standard and adapted CIELAB
LAB*LAB 47.04 -0.75 18.91
LAB*LAB 47.04 -0.75 18.91
LAB*LAB 37.5 18.92 92.31

relative CIELAB lab*
lab*lab 0.5 0.0 0.0
lab*ich 0.5 0.25 0.256
lab*nch 0.0 0.25 0.256
relative Natural Colour (NC)
lab*tr 0.5 0.0 0.25
lab*ice 0.5 0.25 0.256
lab*nice 0.0 0.25 0.256

relative Inform. Technology (IT)
olv3* 0.25 0.25 0.25 (0.0)
cmyn3* 0.75 0.75 0.75 (0.0)
olv4* 0.989 1.0 0.75 (1.0)
cmyn4* 0.011 0.0 0.25 (0.0)
standard and adapted CIELAB
LAB*LAB 27.69 -0.75 18.91
LAB*LAB 27.69 -0.75 18.91
LAB*LAB 12.5 18.92 92.31

relative CIELAB lab*
lab*lab 0.25 0.25 0.25 (0.0)
lab*ich 0.25 0.25 0.256
lab*nch 0.0 0.25 0.256
relative Natural Colour (NC)
lab*tr 0.25 0.0 0.25
lab*ice 0.25 0.25 0.256
lab*nice 0.0 0.25 0.256

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 0.989 0.75 (1.0)
cmyn4* 0.0 0.011 0.25 (0.0)
standard and adapted CIELAB
LAB*LAB 18.03 0.0 0.0
LAB*LAB 18.03 0.0 0.0
LAB*LAB 0.01 0.01 0.0

relative CIELAB lab*
lab*lab 0.0 0.0 0.0
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

NG520-7, 5 stufige Reihen für konstanten CIELAB Buntton 92/360 = 0.255 (links)

5 stufige Reihen für konstanten CIELAB Buntton 92/360 = 0.256 (rechts)

BAM-Prüfvorlage NG52; Farbmetrik-Systeme ORS18 & SRS18 input: $olv^* setrgbcolor$

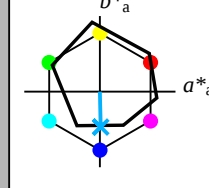
D65: 2 Koordinatendaten; 25stufige Farbreihen für 10 Bunttöne

output: $olv^* setrgbcolor / w^* setgray$

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^*



%Umfang

$u^*_{rel} = 93$

relative Inform. Technology (IT)
olv3* 1.0 1.0 1.0 (1.0)
cmyn3* 0.0 0.0 0.0 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 95.41 -0.98 47.5
LAB*LAB 95.41 0.0 0.0
LAB*TCRa 99.99 0.01 -

relative CIELAB lab*
lab*lab 1.0 0.0 0.0
lab*ich 1.0 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*lrj 1.0 0.0 0.0
lab*icc 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*TCRa 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*lrj 0.75 0.0 0.0
lab*icc 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*TCRa 50.00 0.01 -

relative CIELAB lab*
lab*lab 0.5 0.0 0.0
lab*ich 0.5 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*lrj 0.5 0.0 0.0
lab*icc 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 0.83
LAB*LAB 37.36 0.0 0.0
LAB*TCRa 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*lrj 0.25 0.0 0.0
lab*icc 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*TCRa 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*lrj 0.0 0.0 0.0
lab*icc 0.0 0.0 0.0
lab*ncc 1.0 0.0 0.0

$n^* = 1.0$

ORS18; adaptierte CIELAB-Daten

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

%Regularität

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

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

relative Inform. Technology (IT)
olv3* 0.5 0.5 0.5 (1.0)
cmyn3* 0.5 0.5 0.5 (0.0)
olv4* 0.5 0.5 0.5 (0.0)
cmyn4* 0.5 0.5 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 68.6 0.07 -19.39
LAB*LAB 68.6 0.0 0.0
LAB*TCRa 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*lrj 0.654 0.0 -0.499
lab*icc 0.75 0.5 0.75
lab*ncc 0.0 0.5 0.996

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 49.25 0.45 -20.7
LAB*LAB 49.25 0.5 -22.35
LAB*TCRa 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*lrj 0.48 0.0 -0.749
lab*icc 0.625 0.75 0.75
lab*ncc 0.0 0.75 0.996

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (0.0)
cmyn3* 1.0 0.512 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 41.79 1.1 -44.69
LAB*LAB 41.79 1.1 -44.69
LAB*TCRa 50.0 44.71 27.14

relative CIELAB lab*
lab*lab 0.307 0.025 -0.998
lab*ich 0.5 1.0 0.754
lab*nch 0.0 1.0 0.754
relative Natural Colour (NC)
lab*lrj 0.307 0.0 -0.999
lab*icc 0.5 1.0 0.75
lab*ncc 0.0 1.0 0.996

relative Inform. Technology (IT)
olv3* 0.0 0.244 0.5 (1.0)
cmyn3* 0.75 0.506 0.25 (0.0)
olv4* 0.5 0.754 1.0 (1.0)
cmyn4* 0.5 0.256 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 49.25 0.45 -20.7
LAB*LAB 49.25 0.5 -22.35
LAB*TCRa 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*lrj 0.48 0.0 -0.749
lab*icc 0.625 0.75 0.75
lab*ncc 0.0 0.75 0.996

$n^* = 0.00$

relative Inform. Technology (IT)
olv3* 0.25 0.616 1.0 (1.0)
cmyn3* 0.75 0.384 0.0 (0.0)
olv4* 0.25 0.616 1.0 (1.0)
cmyn4* 0.75 0.384 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 55.19 0.61 -31.48
LAB*LAB 55.19 0.62 -33.52
LAB*TCRa 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*lrj 0.48 0.0 -0.749
lab*icc 0.625 0.75 0.75
lab*ncc 0.0 0.75 0.996

relative Inform. Technology (IT)
olv3* 0.0 0.368 0.75 (1.0)
cmyn3* 1.0 0.512 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 41.79 1.1 -44.69
LAB*LAB 41.79 1.1 -44.69
LAB*TCRa 50.0 44.71 27.14

relative CIELAB lab*
lab*lab 0.307 0.025 -0.998
lab*ich 0.5 1.0 0.754
lab*nch 0.0 1.0 0.754
relative Natural Colour (NC)
lab*lrj 0.307 0.0 -0.999
lab*icc 0.5 1.0 0.75
lab*ncc 0.0 1.0 0.996

relative Inform. Technology (IT)
olv3* 0.0 0.634 0.25 (0.0)
cmyn3* 1.0 0.366 0.75 (1.0)
olv4* 0.25 0.616 1.0 (1.0)
cmyn4* 0.75 0.384 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 55.19 0.61 -31.48
LAB*LAB 55.19 0.62 -33.52
LAB*TCRa 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*lrj 0.48 0.0 -0.749
lab*icc 0.625 0.75 0.75
lab*ncc 0.0 0.75 0.996

relative Inform. Technology (IT)
olv3* 0.25 0.0 0.0 (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 0.83
LAB*LAB 37.36 0.0 0.0
LAB*TCRa 25.00 0.01 -

$n^* = 0.25$

relative Inform. Technology (IT)
olv3* 0.0 0.244 0.5 (1.0)
cmyn3* 0.75 0.506 0.25 (0.0)
olv4* 0.5 0.754 1.0 (1.0)
cmyn4* 0.5 0.256 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 49.25 0.45 -20.7
LAB*LAB 49.25 0.5 -22.35
LAB*TCRa 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*lrj 0.48 0.0 -0.749
lab*icc 0.625 0.75 0.75
lab*ncc 0.0 0.75 0.996

relative Inform. Technology (IT)
olv3* 0.0 0.368 0.75 (1.0)
cmyn3* 1.0 0.512 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 41.79 1.1 -44.69
LAB*LAB 41.79 1.1 -44.69
LAB*TCRa 50.0 44.71 27.14

relative CIELAB lab*
lab*lab 0.307 0.025 -0.998
lab*ich 0.5 1.0 0.754
lab*nch 0.0 1.0 0.754
relative Natural Colour (NC)
lab*lrj 0.307 0.0 -0.999
lab*icc 0.5 1.0 0.75
lab*ncc 0.0 1.0 0.996

relative Inform. Technology (IT)
olv3* 0.0 0.634 0.25 (0.0)
cmyn3* 1.0 0.366 0.75 (1.0)
olv4* 0.25 0.616 1.0 (1.0)
cmyn4* 0.75 0.384 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 55.19 0.61 -31.48
LAB*LAB 55.19 0.62 -33.52
LAB*TCRa 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*lrj 0.48 0.0 -0.749
lab*icc 0.625 0.75 0.75
lab*ncc 0.0 0.75 0.996

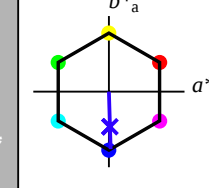
relative Inform. Technology (IT)
olv3* 0.25 0.0 0.0 (0.0)
cmyn3* 0.75 0.75 0.75 (1.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 37.36 0.13 0.83
LAB*LAB 37.36 0.0 0.0
LAB*TCRa 25.00 0.01 -

$n^* = 0.50$

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^*



%Umfang

$u^*_{rel} = 100$

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*TCRa 99.99 0.01 -

relative CIELAB lab*
lab*lab 1.0 0.0 0.0
lab*ich 1.0 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*lrj 1.0 0.0 0.0
lab*icc 1.0 0.0 0.0
lab*ncc 0.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.75 0.75 0.75 (1.0)
cmyn3* 0.25 0.25 0.25 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 76.07 0.0 0.0
LAB*LAB 76.07 0.0 0.0
LAB*TCRa 75.0 0.01 -

relative CIELAB lab*
lab*lab 0.75 0.0 0.0
lab*ich 0.75 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*lrj 0.75 0.0 0.0
lab*icc 0.75 0.0 0.0
lab*ncc 0.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.5 0.5 0.5 (0.0)
cmyn3* 0.5 0.5 0.5 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 56.72 0.0 0.0
LAB*LAB 56.72 0.0 0.0
LAB*TCRa 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*lrj 0.5 0.0 0.0
lab*icc 0.5 0.0 0.0
lab*ncc 0.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.25 0.25 0.25 (1.0)
cmyn3* 0.75 0.75 0.75 (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*TCRa 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*lrj 0.25 0.0 0.0
lab*icc 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 18.03 0.0 0.0
LAB*LAB 18.03 0.0 0.0
LAB*TCRa 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*lrj 0.0 0.0 0.0
lab*icc 0.0 0.0 0.0
lab*ncc 1.0 0.0 0.0

$n^* = 1.0$

relative Inform. Technology (IT)
olv3* 0.75 0.75 0.75 (1.0)
cmyn3* 0.25 0.25 0.25 (0.0)
olv4* 0.75 0.75 0.75 (1.0)
cmyn4* 0.25 0.25 0.25 (0.0)
standard and adapted CIELAB
LAB*LAB 85.73 0.58 -19.0
LAB*LAB 85.73 0.58 -19.0
LAB*TCRa 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*lrj 0.875 0.0 -0.249
lab*icc 0.875 0.25 0.75
lab*ncc 0.0 0.25 0.900

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 66.39 0.58 -19.01
LAB*LAB 66.39 0.58 -19.01
LAB*TCRa 62.5 19.03 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*lrj 0.625 0.0 -0.249
lab*icc 0.625 0.25 0.75
lab*ncc 0.0 0.25 0.900

relative Inform. Technology (IT)
olv3* 0.25 0.25 0.25 (1.0)
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 0.83
LAB*LAB 37.36 0.0 0.0
LAB*TCRa 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*lrj 0.25 0.0 0.0
lab*icc 0.25 0.0 0.0
lab*ncc 0.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.0 0.244 0.5 (1.0)
cmyn3* 0.75 0.506 0.25 (0.0)
olv4* 0.5 0.754 1.0 (1.0)
cmyn4* 0.5 0.256 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 49.25 0.45 -20.7
LAB*LAB 49.25 0.5 -22.35
LAB*TCRa 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*lrj 0.48 0.0 -0.749
lab*icc 0.625 0.75 0.75
lab*ncc 0.0 0.75 0.996

relative Inform. Technology (IT)
olv3* 0.25 0.0 0.0 (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 0.83
LAB*LAB 37.36 0.0 0.0
LAB*TCRa 25.00 0.01 -

$n^* = 0.25$

relative Inform. Technology (IT)
olv3* 0.75 0.75 0.75 (1.0)
cmyn3* 0.25 0.25 0.25 (0.0)
olv4* 0.75 0.75 0.75 (1.0)
cmyn4* 0.25 0.25 0.25 (0.0)
standard and adapted CIELAB
LAB*LAB 85.73 0.58 -19.0
LAB*LAB 85.73 0.58 -19.0
LAB*TCRa 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*lrj 0.875 0.0 -0.249
lab*icc 0.875 0.25 0.75
lab*ncc 0.0 0.25 0.900

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 66.39 0.58 -19.01
LAB*LAB 66.39 0.58 -19.01
LAB*TCRa 62.5 19.03 27.14