

Eingabe: Farbmetrisches Standard-Reflektiv-System SRS18

für Buntton $h^* = lab^*h = 30/360 = 0.083$

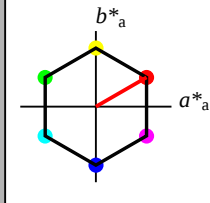
lab^*ich und lab^*nch

D65: Buntton O

LCH*Ma: 57 77 30

olv*Ma: 1.0 0.0 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*lab 1.0 0.0 0.0
lab*ich 1.0 0.0 0.0
lab*nch 0.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.75 0.75 0.75 (1.0)
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*lab 0.75 0.0 0.0
lab*ich 0.75 0.0 0.0
lab*nch 0.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.75 0.75 0.75 (1.0)
cmyn3* 0.25 0.25 0.25 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 56.72 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 0.75 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*lab 0.75 0.0 0.0
lab*ich 0.75 0.0 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 0.0
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*ich 0.25 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
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 Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 1.0 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 18.03 0.0 0.0
LAB*LAB 18.03 0.0 0.0
LAB*LAB 18.00 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*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 (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*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
RCIE	39.92	58.74	27.99	65.07	25
JCIE	81.26	-2.88	71.56	71.62	92
GCIE	52.23	-42.41	13.6	44.55	162
BCIE	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 0.5 (1.0)
cmyn3* 0.0 0.5 0.5 (0.0)
olv4* 1.0 0.5 0.5 (1.0)
cmyn4* 0.0 0.5 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 76.06 33.51 19.35
LAB*LAB 76.06 33.51 19.35
LAB*LAB 75.00 38.69 30.0

relative CIELAB lab*
lab*lab 0.75 0.433 0.25
lab*ich 0.75 0.5 0.083
lab*nch 0.0 0.5 0.083
relative Natural Colour (NC)
lab*lab 0.75 0.433 0.25
lab*ich 0.75 0.5 0.083
lab*nch 0.0 0.5 0.083

relative Inform. Technology (IT)
olv3* 0.75 0.25 0.25 (1.0)
cmyn3* 0.25 0.75 0.75 (0.0)
olv4* 1.0 0.5 0.5 (1.0)
cmyn4* 0.0 0.5 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 56.71 33.52 19.35
LAB*LAB 56.71 33.52 19.35
LAB*LAB 55.00 38.69 30.0

relative CIELAB lab*
lab*lab 0.75 0.433 0.25
lab*ich 0.75 0.5 0.083
lab*nch 0.0 0.5 0.083
relative Natural Colour (NC)
lab*lab 0.75 0.433 0.25
lab*ich 0.75 0.5 0.083
lab*nch 0.0 0.5 0.083

relative Inform. Technology (IT)
olv3* 0.25 0.0 0.0 (1.0)
cmyn3* 0.75 0.75 0.75 (0.0)
olv4* 1.0 0.5 0.5 (1.0)
cmyn4* 0.0 0.5 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 37.37 33.51 19.35
LAB*LAB 37.37 33.51 19.35
LAB*LAB 35.00 38.69 30.0

relative CIELAB lab*
lab*lab 0.25 0.433 0.25
lab*ich 0.25 0.5 0.083
lab*nch 0.0 0.5 0.083
relative Natural Colour (NC)
lab*lab 0.25 0.433 0.25
lab*ich 0.25 0.5 0.083
lab*nch 0.0 0.5 0.083

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 0.5 0.5 (1.0)
cmyn4* 0.0 0.5 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 18.03 18.03 0.0
LAB*LAB 18.03 18.03 0.0
LAB*LAB 18.00 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*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 0.5 0.5 (1.0)
cmyn4* 0.0 0.5 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 18.03 18.03 0.0
LAB*LAB 18.03 18.03 0.0
LAB*LAB 18.00 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*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 Offset-Reflektiv-System ORS18

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

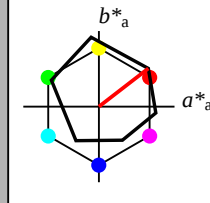
lab^*tch und lab^*nch

D65: Buntton O

LCH*Ma: 48 83 38

olv*Ma: 1.0 0.0 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*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*lab 1.0 0.0 0.0
lab*ich 1.0 0.0 0.0
lab*nch 0.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.75 0.75 0.75 (1.0)
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*lab 0.75 0.0 0.0
lab*ich 0.75 0.0 0.0
lab*nch 0.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.75 0.25 0.25 (1.0)
cmyn3* 0.25 0.75 0.75 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 56.71 33.52 19.35
LAB*LAB 56.71 33.52 19.35
LAB*LAB 55.00 38.69 30.0

relative CIELAB lab*
lab*lab 0.75 0.433 0.25
lab*ich 0.75 0.5 0.083
lab*nch 0.0 0.5 0.083
relative Natural Colour (NC)
lab*lab 0.75 0.433 0.25
lab*ich 0.75 0.5 0.083
lab*nch 0.0 0.5 0.083

relative Inform. Technology (IT)
olv3* 0.25 0.0 0.0 (1.0)
cmyn3* 0.75 0.75 0.75 (0.0)
olv4* 1.0 0.5 0.5 (1.0)
cmyn4* 0.0 0.5 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 37.37 33.51 19.35
LAB*LAB 37.37 33.51 19.35
LAB*LAB 35.00 38.69 30.0

relative CIELAB lab*
lab*lab 0.25 0.433 0.25
lab*ich 0.25 0.5 0.083
lab*nch 0.0 0.5 0.083
relative Natural Colour (NC)
lab*lab 0.25 0.433 0.25
lab*ich 0.25 0.5 0.083
lab*nch 0.0 0.5 0.083

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 0.5 0.5 (1.0)
cmyn4* 0.0 0.5 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 18.03 18.03 0.0
LAB*LAB 18.03 18.03 0.0
LAB*LAB 18.00 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*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 0.5 0.5 (1.0)
cmyn4* 0.0 0.5 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 18.03 18.03 0.0
LAB*LAB 18.03 18.03 0.0
LAB*LAB 18.00 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*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* 1.0 0.75 0.75 (1.0)
cmyn3* 0.0 0.25 0.25 (0.0)
olv4* 1.0 0.75 0.75 (1.0)
cmyn4* 0.0 0.25 0.25 (0.0)
standard and adapted CIELAB
LAB*LAB 83.54 15.58 16.58
LAB*LAB 83.54 15.58 16.58
LAB*LAB 87.5 20.65 37.69

relative CIELAB lab*
lab*lab 0.847 0.198 0.153
lab*ich 0.847 0.25 0.105
lab*nch 0.0 0.25 0.105
relative Natural Colour (NC)
lab*lab 0.847 0.198 0.153
lab*ich 0.847 0.25 0.105
lab*nch 0.0 0.25 0.105

relative Inform. Technology (IT)
olv3* 0.75 0.5 0.5 (1.0)
cmyn3* 0.25 0.5 0.5 (0.0)
olv4* 1.0 0.75 0.75 (1.0)
cmyn4* 0.0 0.25 0.25 (0.0)
standard and adapted CIELAB
LAB*LAB 64.19 15.96 15.28
LAB*LAB 64.19 15.96 15.28
LAB*LAB 62.5 20.66 37.69

relative CIELAB lab*
lab*lab 0.625 0.25 0.048
lab*ich 0.625 0.25 0.048
lab*nch 0.0 0.25 0.191
relative Natural Colour (NC)
lab*lab 0.625 0.25 0.048
lab*ich 0.625 0.25 0.048
lab*nch 0.0 0.25 0.191

relative Inform. Technology (IT)
olv3* 0.75 0.25 0.25 (1.0)
cmyn3* 0.25 0.75 0.75 (0.0)
olv4* 1.0 0.5 0.5 (1.0)
cmyn4* 0.0 0.5 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 52.33 32.53 27.11
LAB*LAB 52.33 32.53 27.11
LAB*LAB 50.0 41.31 37.69

relative CIELAB lab*
lab*lab 0.5 0.25 0.096 0.306
lab*ich 0.5 0.25 0.105
lab*nch 0.0 0.25 0.105
relative Natural Colour (NC)
lab*lab 0.5 0.25 0.096 0.306
lab*ich 0.5 0.25 0.105
lab*nch 0.0 0.25 0.105

relative Inform. Technology (IT)
olv3* 0.5 0.0 0.0 (1.0)
cmyn3* 0.5 0.75 0.75 (0.0)
olv4* 1.0 0.5 0.5 (1.0)
cmyn4* 0.0 0.5 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 44.84 16.33 13.97
LAB*LAB 44.84 16.33 13.97
LAB*LAB 40.46 49.01 38.93

relative CIELAB lab*
lab*lab 0.347 0.198 0.153
lab*ich 0.347 0.25 0.105
lab*nch 0.0 0.25 0.105
relative Natural Colour (NC)
lab*lab 0.347 0.198 0.153
lab*ich 0.347 0.25 0.105
lab*nch 0.0 0.25 0.105

relative Inform. Technology (IT)
olv3* 0.25 0.0 0.0 (1.0)
cmyn3* 0.75 1.0 1.0 (0.0)
olv4* 1.0 0.0 0.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 32.98 32.98 25.25
LAB*LAB 32.98 32.98 25.25
LAB*LAB 25.01 41.31 37.69

relative CIELAB lab*
lab*lab 0.193 0.396 0.306
lab*ich 0.193 0.25 0.105
lab*nch 0.0 0.25 0.105
relative Natural Colour (NC)
lab*lab 0.193 0.396 0.306
lab*ich 0.193 0.25 0.105
lab*nch 0.0 0.25 0.105

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 0.0 0.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 18.03 18.03 0.0
LAB*LAB 18.03 18.03 0.0
LAB*LAB 18.00 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*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
RCIE	39.92	58.66	26.98	64.57	25
JCIE	81.26	-2.16	67.76	67.79	92
GCIE	52.23	-42.25	11.76	43.87	164
BCIE	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 0.5 (1.0)
cmyn3* 0.0 0.5 0.5 (0.0)
olv4* 1.0 0.5 0.5 (1.0)
cmyn4* 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 75.00 41.31 37.69

relative CIELAB lab*
lab*lab 0.693 0.396 0.306
lab*ich 0.693 0.5 0.105
lab*nch 0.0 0.5 0.105
relative Natural Colour (NC)
lab*lab 0.693 0.396 0.306
lab*ich 0.693 0.5 0.105
lab*nch 0.0 0.5 0.105

relative Inform. Technology (IT)
olv3* 0.75 0.25 0.25 (1.0)
cmyn3* 0.25 0.75 0.75 (0.0)
olv4* 1.0 0.5 0.5 (1.0)
cmyn4* 0.0 0.5 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 52.33 32.53 27.11
LAB*LAB 52.33 32.53 27.11
LAB*LAB 50.0 41.31 37.69

relative CIELAB lab*
lab*lab 0.5 0.25 0.096 0.306
lab*ich 0.5 0.25 0.105
lab*nch 0.0 0.25 0.105
relative Natural Colour (NC)
lab*lab 0.5 0.25 0.096 0.306
lab*ich 0.5 0.25 0.105
lab*nch 0.0 0.25 0.105

relative Inform. Technology (IT)
olv3* 0.5 0.0 0.0 (1.0)
cmyn3* 0.5 0.75 0.75 (0.0)
olv4* 1.0 0

Eingabe: Farbmatisches Standard-Reflektiv-System SRS18

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

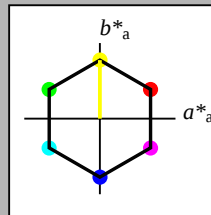
lab^*ich und lab^*nch

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*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*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*LABa 76.07 0.0 0.0
LAB*LABb 75.00 0.01 0.0

relative CIELAB lab*
lab*lab 0.75 0.0 0.0
lab*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 56.72 0.0 0.0
LAB*LABa 56.72 0.0 0.0
LAB*LABb 50.01 0.01 0.0

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

relative Inform. Technology (IT)
olv3* 0.25 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 37.37 0.0 0.0
LAB*LABa 37.37 0.0 0.0
LAB*LABb 25.00 0.01 0.0

relative CIELAB lab*
lab*lab 0.25 0.0 0.0
lab*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*LABa 18.03 0.0 0.0
LAB*LABb 0.01 0.01 0.0

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

$n^* = 1.0$

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 0.0
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 0.5 (1.0)
lab*ich 0.75 0.0 0.5 (1.0)
lab*nch 0.0 0.5 0.25 (0.0)
relative Natural Colour (NC)
lab*trj 0.75 0.0 0.5 (1.0)
lab*ice 0.75 0.0 0.5 (1.0)
lab*nce 0.0 0.5 0.25 (0.0)

relative Inform. Technology (IT)
olv3* 0.75 0.75 0.75 (1.0)
cmyn3* 0.25 0.25 0.25 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 56.71 0.0 0.0
LAB*LABa 56.71 0.0 0.0
LAB*LABb 50.01 0.01 0.0

relative CIELAB lab*
lab*lab 0.5 0.0 0.5 (1.0)
lab*ich 0.5 0.0 0.5 (1.0)
lab*nch 0.0 0.5 0.25 (0.0)
relative Natural Colour (NC)
lab*trj 0.5 0.0 0.5 (1.0)
lab*ice 0.5 0.0 0.5 (1.0)
lab*nce 0.0 0.5 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 37.36 0.0 0.0
LAB*LABa 37.36 0.0 0.0
LAB*LABb 25.01 0.01 0.0

relative CIELAB lab*
lab*lab 0.25 0.0 0.5 (1.0)
lab*ich 0.25 0.0 0.5 (1.0)
lab*nch 0.0 0.5 0.25 (0.0)
relative Natural Colour (NC)
lab*trj 0.25 0.0 0.5 (1.0)
lab*ice 0.25 0.0 0.5 (1.0)
lab*nce 0.0 0.5 0.25 (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 18.03 0.0 0.0
LAB*LABa 18.03 0.0 0.0
LAB*LABb 0.01 0.01 0.0

relative CIELAB lab*
lab*lab 0.125 0.0 0.25 (1.0)
lab*ich 0.125 0.0 0.25 (1.0)
lab*nch 0.0 0.25 0.125 (0.0)
relative Natural Colour (NC)
lab*trj 0.125 0.0 0.25 (1.0)
lab*ice 0.125 0.0 0.25 (1.0)
lab*nce 0.0 0.25 0.125 (0.0)

$n^* = 0.50$

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 66.38 0.0 0.0
LAB*LABa 66.38 0.0 0.0
LAB*LABb 62.5 0.01 0.0

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

relative Inform. Technology (IT)
olv3* 0.75 0.75 0.75 (1.0)
cmyn3* 0.25 0.25 0.25 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 56.71 0.0 0.0
LAB*LABa 56.71 0.0 0.0
LAB*LABb 50.01 0.01 0.0

relative CIELAB lab*
lab*lab 0.5 0.0 0.5 (1.0)
lab*ich 0.5 0.0 0.5 (1.0)
lab*nch 0.0 0.5 0.25 (0.0)
relative Natural Colour (NC)
lab*trj 0.5 0.0 0.5 (1.0)
lab*ice 0.5 0.0 0.5 (1.0)
lab*nce 0.0 0.5 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 37.36 0.0 0.0
LAB*LABa 37.36 0.0 0.0
LAB*LABb 25.01 0.01 0.0

relative CIELAB lab*
lab*lab 0.25 0.0 0.5 (1.0)
lab*ich 0.25 0.0 0.5 (1.0)
lab*nch 0.0 0.5 0.25 (0.0)
relative Natural Colour (NC)
lab*trj 0.25 0.0 0.5 (1.0)
lab*ice 0.25 0.0 0.5 (1.0)
lab*nce 0.0 0.5 0.25 (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 18.02 0.0 0.0
LAB*LABa 18.02 0.0 0.0
LAB*LABb 0.01 0.01 0.0

relative CIELAB lab*
lab*lab 0.125 0.0 0.25 (1.0)
lab*ich 0.125 0.0 0.25 (1.0)
lab*nch 0.0 0.25 0.125 (0.0)
relative Natural Colour (NC)
lab*trj 0.125 0.0 0.25 (1.0)
lab*ice 0.125 0.0 0.25 (1.0)
lab*nce 0.0 0.25 0.125 (0.0)

$n^* = 0.25$

Schwarzheit n^*

relative Bunttheit c^*

$n^* = 0.00$

0.25

0.50

0.75

1.00

1.25

1.50

1.75

2.00

Ausgabe: Farbmatisches Offset-Reflektiv-System ORS18

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

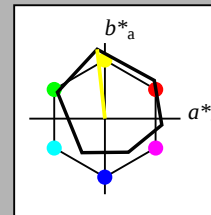
lab^*ich und lab^*nch

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 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*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*LABa 76.06 0.0 0.0
LAB*LABb 75.00 0.01 0.0

relative CIELAB lab*
lab*lab 0.75 0.0 0.5 (1.0)
lab*ich 0.75 0.0 0.5 (1.0)
lab*nch 0.0 0.5 0.25 (0.0)
relative Natural Colour (NC)
lab*trj 0.75 0.0 0.5 (1.0)
lab*ice 0.75 0.0 0.5 (1.0)
lab*nce 0.0 0.5 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 0.0 0.0
LAB*LABa 56.71 0.0 0.0
LAB*LABb 50.01 0.01 0.0

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

$n^* = 1.0$

relative Inform. Technology (IT)
olv3* 0.75 0.75 0.75 (1.0)
cmyn3* 0.25 0.25 0.25 (0.0)
olv4* 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 0.5 (1.0)
lab*ich 0.75 0.0 0.5 (1.0)
lab*nch 0.0 0.5 0.25 (0.0)
relative Natural Colour (NC)
lab*trj 0.75 0.0 0.5 (1.0)
lab*ice 0.75 0.0 0.5 (1.0)
lab*nce 0.0 0.5 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 0.0 0.0
LAB*LABa 56.71 0.0 0.0
LAB*LABb 50.01 0.01 0.0

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

$n^* = 0.50$

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 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 0.5 (1.0)
lab*ich 0.75 0.0 0.5 (1.0)
lab*nch 0.0 0.5 0.25 (0.0)
relative Natural Colour (NC)
lab*trj 0.75 0.0 0.5 (1.0)
lab*ice 0.75 0.0 0.5 (1.0)
lab*nce 0.0 0.5 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 0.0 0.0
LAB*LABa 56.71 0.0 0.0
LAB*LABb 50.01 0.01 0.0

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

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

Eingabe: Farbmetrisches Standard-Reflektiv-System SRS18

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

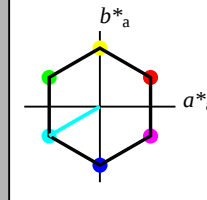
lab^*ich und lab^*nch

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*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*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*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*LABa 76.07 0.0 0.0
LAB*LABb 75.00 0.01 0.0

relative CIELAB lab*
lab*lab 0.75 0.0 0.0
lab*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*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*LABa 56.72 0.0 0.0
LAB*LABb 55.00 0.01 0.0

relative CIELAB lab*
lab*lab 0.5 0.0 0.0
lab*ich 0.5 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.5 0.0 0.0
lab*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 37.37 0.0 0.0
LAB*LABa 37.37 0.0 0.0
LAB*LABb 35.00 0.01 0.0

relative CIELAB lab*
lab*lab 0.25 0.0 0.0
lab*ich 0.25 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.25 0.0 0.0
lab*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 (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*LABa 18.03 0.0 0.0
LAB*LABb 18.00 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*trj 0.0 0.0 0.0
lab*icc 0.0 0.0 0.0
lab*ncc 1.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 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*LABa 18.03 0.0 0.0
LAB*LABb 18.00 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*trj 0.0 0.0 0.0
lab*icc 0.0 0.0 0.0
lab*ncc 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* 0.5 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 76.06 -0.61 3.44
LAB*LABa 76.06 -0.61 3.44
LAB*LABb 75.00 0.01 0.0

relative CIELAB lab*
lab*lab 0.5 0.0 0.0
lab*ich 0.5 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.5 0.0 0.0
lab*icc 0.5 0.0 0.0
lab*ncc 0.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.25 0.5 1.0 (1.0)
cmyn3* 0.75 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 66.38 -50.26 -29.01
LAB*LABa 66.38 -50.26 -29.01
LAB*LABb 62.5 58.04 21.00

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*icc 0.25 0.0 0.0
lab*ncc 0.0 0.0 0.0

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 56.71 -33.5 -19.34
LAB*LABa 56.71 -33.5 -19.34
LAB*LABb 50.0 38.69 21.00

relative CIELAB lab*
lab*lab 0.0 0.5 0.5
lab*ich 0.0 0.5 0.5
lab*nch 0.5 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.0 0.5 0.5
lab*icc 0.0 0.5 0.5
lab*ncc 0.5 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.0 0.25 0.25 (0.0)
cmyn3* 1.0 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 27.36 -33.5 -19.34
LAB*LABa 27.36 -33.5 -19.34
LAB*LABb 25.01 38.69 21.00

relative CIELAB lab*
lab*lab 0.0 0.25 0.25
lab*ich 0.0 0.25 0.25
lab*nch 0.25 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.0 0.25 0.25
lab*icc 0.0 0.25 0.25
lab*ncc 0.25 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.0 0.125 0.125 (0.0)
cmyn3* 1.0 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 12.5 -16.74 -8.66
LAB*LABa 12.5 -16.74 -8.66
LAB*LABb 12.5 19.34 21.00

relative CIELAB lab*
lab*lab 0.0 0.125 0.125
lab*ich 0.0 0.125 0.125
lab*nch 0.125 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.0 0.125 0.125
lab*icc 0.0 0.125 0.125
lab*ncc 0.125 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 66.38 -50.26 -29.01
LAB*LABa 66.38 -50.26 -29.01
LAB*LABb 62.5 58.04 21.00

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*icc 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 (0.0)
cmyn3* 1.0 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 56.71 -67.01 -38.68
LAB*LABa 56.71 -67.01 -38.68
LAB*LABb 50.0 77.38 21.00

relative CIELAB lab*
lab*lab 0.0 0.5 0.5
lab*ich 0.0 0.5 0.5
lab*nch 0.5 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.0 0.5 0.5
lab*icc 0.0 0.5 0.5
lab*ncc 0.5 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.0 0.25 0.25 (0.0)
cmyn3* 1.0 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 56.71 -67.01 -38.68
LAB*LABa 56.71 -67.01 -38.68
LAB*LABb 50.0 77.38 21.00

relative CIELAB lab*
lab*lab 0.0 0.25 0.25
lab*ich 0.0 0.25 0.25
lab*nch 0.25 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.0 0.25 0.25
lab*icc 0.0 0.25 0.25
lab*ncc 0.25 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.0 0.125 0.125 (0.0)
cmyn3* 1.0 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 27.36 -33.5 -19.34
LAB*LABa 27.36 -33.5 -19.34
LAB*LABb 25.01 38.69 21.00

relative CIELAB lab*
lab*lab 0.0 0.125 0.125
lab*ich 0.0 0.125 0.125
lab*nch 0.125 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.0 0.125 0.125
lab*icc 0.0 0.125 0.125
lab*ncc 0.125 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.0 0.0625 0.0625 (0.0)
cmyn3* 1.0 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 12.5 -16.74 -8.66
LAB*LABa 12.5 -16.74 -8.66
LAB*LABb 12.5 19.34 21.00

relative CIELAB lab*
lab*lab 0.0 0.0625 0.0625
lab*ich 0.0 0.0625 0.0625
lab*nch 0.0625 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.0 0.0625 0.0625
lab*icc 0.0 0.0625 0.0625
lab*ncc 0.0625 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.0 0.125 0.125 (0.0)
cmyn3* 1.0 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 12.5 -16.74 -8.66
LAB*LABa 12.5 -16.74 -8.66
LAB*LABb 12.5 19.34 21.00

relative CIELAB lab*
lab*lab 0.0 0.125 0.125
lab*ich 0.0 0.125 0.125
lab*nch 0.125 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.0 0.125 0.125
lab*icc 0.0 0.125 0.125
lab*ncc 0.125 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.0 0.0625 0.0625 (0.0)
cmyn3* 1.0 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 6.25 -8.36 -4.74
LAB*LABa 6.25 -8.36 -4.74
LAB*LABb 6.25 8.36 21.00

relative CIELAB lab*
lab*lab 0.0 0.0625 0.0625
lab*ich 0.0 0.0625 0.0625
lab*nch 0.0625 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.0 0.0625 0.0625
lab*icc 0.0 0.0625 0.0625
lab*ncc 0.0625 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.0 0.03125 0.03125 (0.0)
cmyn3* 1.0 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 3.125 -4.18 -2.37
LAB*LABa 3.125 -4.18 -2.37
LAB*LABb 3.125 4.18 21.00

relative CIELAB lab*
lab*lab 0.0 0.03125 0.03125
lab*ich 0.0 0.03125 0.03125
lab*nch 0.03125 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.0 0.03125 0.03125
lab*icc 0.0 0.03125 0.03125
lab*ncc 0.03125 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.0 0.015625 0.015625 (0.0)
cmyn3* 1.0 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 1.5625 -2.09 -1.18
LAB*LABa 1.5625 -2.09 -1.18
LAB*LABb 1.5625 2.09 21.00

relative CIELAB lab*
lab*lab 0.0 0.015625 0.015625
lab*ich 0.0 0.015625 0.015625
lab*nch 0.015625 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.0 0.015625 0.015625
lab*icc 0.0 0.015625 0.015625
lab*ncc 0.015625 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.0 0.0078125 0.0078125 (0.0)
cmyn3* 1.0 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 0.78125 -1.045 -0.59
LAB*LABa 0.78125 -1.045 -0.59
LAB*LABb 0.78125 1.045 21.00

relative CIELAB lab*
lab*lab 0.0 0.0078125 0.0078125
lab*ich 0.0 0.0078125 0.0078125
lab*nch 0.0078125 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.0 0.0078125 0.0078125
lab*icc 0.0 0.0078125 0.0078125
lab*ncc 0.0078125 0.0 0.0

Ausgabe: Farbmetrisches Offset-Reflektiv-System ORS18

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

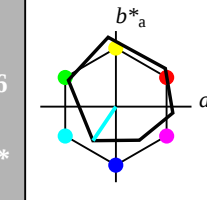
lab^*ich und lab^*nch

D65: Buntton C

LCH*Ma: 59 54 236

olv*Ma: 0.0 1.0 1.0

Dreiecks-Helligkeit t^*



%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 -0.98 4.75
LAB*LABb 99.99 0.01 0.0

relative CIELAB lab*
lab*lab 1.0 0.0 0.0
lab*ich 1.0 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 1.0 0.0 0.0
lab*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*LABa 76.06 -0.61 3.44
LAB*LABb 75.00 0.01 0.0

relative CIELAB lab*
lab*lab 0.75 0.0 0.0
lab*ich 0.75 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.75 0.0 0.0
lab*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*LABa 56.72 0.0 0.0
LAB*LABb 55.00 0.01 0.0

relative CIELAB lab*
lab*lab 0.5 0.0 0.0
lab*ich 0.5 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.5 0.0 0.0
lab*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 37.37 0.0 0.0
LAB*LABa 37.37 0.0 0.0
LAB*LABb 35.00 0.01 0.0

relative CIELAB lab*
lab*lab 0.25 0.0 0.0
lab*ich 0.25 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.25 0.0 0.0
lab*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 (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*LABa 18.03 0.0 0.0
LAB*LABb 18.00 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*trj 0.0 0.0 0.0
lab*icc 0.0 0.0 0.0
lab*ncc 1.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 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*LABa 18.03 0.0 0.0
LAB*LABb 18.00 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*trj 0.0 0.0 0.0
lab*icc 0.0 0.0 0.0
lab*ncc 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 -0.61 3.44
LAB*LABb 75.00 0.01 0.0

relative

Eingabe: Farbmetrisches Standard-Reflektiv-System SRS18

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

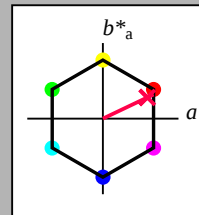
lab^*ich und lab^*nch

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*LABa 95.41 0.0 0.0
LAB*LABb 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*LABa 76.07 0.0 0.0
LAB*LABb 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*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*LABa 56.72 0.0 0.0
LAB*LABb 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*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 0.0 0.0
LAB*LABa 37.37 0.0 0.0
LAB*LABb 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*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*LABa 18.03 0.0 0.0
LAB*LABb 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*nce 1.0 0.0 0.0

relative Inform. Technology (IT)

olv3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 1.0 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 0.01 0.01
LAB*LABa 0.01 0.01
LAB*LABb 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

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
RC _{IE}	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 0.544 (0.0)
olv4* 1.0 0.5 0.544 (1.0)
cmyn4* 0.0 0.5 0.544 (0.0)
standard and adapted CIELAB
LAB*LAB 76.06 33.51 15.97
LAB*LABa 76.06 33.51 15.97
LAB*LABb 76.06 33.51 15.97

relative CIELAB lab*

lab*lab 0.75 0.51 0.215
lab*ich 0.75 0.51 0.215
lab*nch 0.0 0.51 0.215
relative Natural Colour (NC)
lab*trj 0.75 0.51 0.215
lab*nce 0.75 0.51 0.215

relative Inform. Technology (IT)

olv3* 0.75 0.5 0.544 (1.0)
cmyn3* 0.25 0.5 0.544 (0.0)
olv4* 1.0 0.5 0.544 (1.0)
cmyn4* 0.0 0.5 0.544 (0.0)
standard and adapted CIELAB
LAB*LAB 66.38 30.27 23.95
LAB*LABa 66.38 30.27 23.95
LAB*LABb 66.38 30.27 23.95

relative CIELAB lab*

lab*lab 0.75 0.5 0.544 (1.0)
lab*ich 0.75 0.5 0.544 (1.0)
lab*nch 0.0 0.5 0.544 (1.0)
relative Natural Colour (NC)
lab*trj 0.75 0.5 0.544 (1.0)
lab*nce 0.75 0.5 0.544 (1.0)

relative Inform. Technology (IT)

olv3* 0.5 0.5 0.544 (1.0)
cmyn3* 0.5 0.5 0.544 (0.0)
olv4* 1.0 0.5 0.544 (1.0)
cmyn4* 0.0 0.5 0.544 (0.0)
standard and adapted CIELAB
LAB*LAB 56.71 33.52 15.97
LAB*LABa 56.71 33.52 15.97
LAB*LABb 56.71 33.52 15.97

relative CIELAB lab*

lab*lab 0.5 0.5 0.544 (1.0)
lab*ich 0.5 0.5 0.544 (1.0)
lab*nch 0.0 0.5 0.544 (1.0)
relative Natural Colour (NC)
lab*trj 0.5 0.5 0.544 (1.0)
lab*nce 0.5 0.5 0.544 (1.0)

relative Inform. Technology (IT)

olv3* 0.25 0.5 0.544 (1.0)
cmyn3* 0.75 0.5 0.544 (0.0)
olv4* 1.0 0.5 0.544 (1.0)
cmyn4* 0.0 0.5 0.544 (0.0)
standard and adapted CIELAB
LAB*LAB 37.36 33.51 15.97
LAB*LABa 37.36 33.51 15.97
LAB*LABb 37.36 33.51 15.97

relative CIELAB lab*

lab*lab 0.25 0.5 0.544 (1.0)
lab*ich 0.25 0.5 0.544 (1.0)
lab*nch 0.0 0.5 0.544 (1.0)
relative Natural Colour (NC)
lab*trj 0.25 0.5 0.544 (1.0)
lab*nce 0.25 0.5 0.544 (1.0)

relative Inform. Technology (IT)

olv3* 0.0 0.5 0.544 (1.0)
cmyn3* 1.0 0.5 0.544 (0.0)
olv4* 1.0 0.5 0.544 (1.0)
cmyn4* 0.0 0.5 0.544 (0.0)
standard and adapted CIELAB
LAB*LAB 18.03 0.0 0.0
LAB*LABa 18.03 0.0 0.0
LAB*LABb 18.03 0.0 0.0

relative CIELAB lab*

lab*lab 0.0 0.5 0.544 (1.0)
lab*ich 0.0 0.5 0.544 (1.0)
lab*nch 1.0 0.5 0.544 (1.0)
relative Natural Colour (NC)
lab*trj 0.0 0.5 0.544 (1.0)
lab*nce 1.0 0.5 0.544 (1.0)

Ausgabe: Farbmetrisches Offset-Reflektiv-System ORS18

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

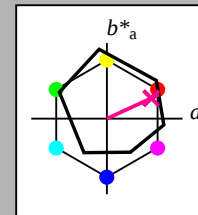
lab^*tch und lab^*nch

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 4.75
LAB*LABa 95.41 0.0 0.0
LAB*LABb 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*LABa 76.06 0.0 0.0
LAB*LABb 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*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 0.24 2.14
LAB*LABb 56.71 0.24 2.14

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 0.0 0.0
LAB*LABa 37.36 0.0 0.0
LAB*LABb 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*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

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

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 0.01 0.01
LAB*LABa 0.01 0.01
LAB*LABb 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

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* 1.0 0.5 0.661 (1.0)
cmyn3* 0.0 0.5 0.661 (0.0)
olv4* 1.0 0.5 0.661 (1.0)
cmyn4* 0.0 0.5 0.661 (0.0)
standard and adapted CIELAB
LAB*LAB 71.7 34.28 15.76
LAB*LABa 71.7 34.28 15.76
LAB*LABb 71.7 34.28 15.76

relative CIELAB lab*

lab*lab 0.694 0.54 0.209
lab*ich 0.75 0.5 0.661
lab*nch 0.0 0.5 0.661
relative Natural Colour (NC)
lab*trj 0.694 0.5 0.209
lab*nce 0.694 0.5 0.209

relative Inform. Technology (IT)

olv3* 0.75 0.5 0.661 (1.0)
cmyn3* 0.25 0.5 0.661 (0.0)
olv4* 1.0 0.5 0.661 (1.0)
cmyn4* 0.0 0.5 0.661 (0.0)
standard and adapted CIELAB
LAB*LAB 64.21 16.75 10.54
LAB*LABa 64.21 16.75 10.54
LAB*LABb 64.21 16.75 10.54

relative CIELAB lab*

lab*lab 0.694 0.5 0.209
lab*ich 0.75 0.5 0.661
lab*nch 0.0 0.5 0.661
relative Natural Colour (NC)
lab*trj 0.694 0.5 0.209
lab*nce 0.694 0.5 0.209

relative Inform. Technology (IT)

olv3* 0.5 0.5 0.661 (1.0)
cmyn3* 0.5 0.5 0.661 (0.0)
olv4* 1.0 0.5 0.661 (1.0)
cmyn4* 0.0 0.5 0.661 (0.0)
standard and adapted CIELAB
LAB*LAB 52.36 34.28 15.77
LAB*LABa 52.36 34.28 15.77
LAB*LABb 52.36 34.28 15.77

relative CIELAB lab*

lab*lab 0.5 0.5 0.661 (1.0)
lab*ich 0.5 0.5 0.661 (1.0)
lab*nch 0.0 0.5 0.661 (1.0)
relative Natural Colour (NC)
lab*trj 0.5 0.5 0.661 (1.0)
lab*nce 0.5 0.5 0.661 (1.0)

relative Inform. Technology (IT)

olv3* 0.25 0.5 0.661 (1.0)
cmyn3* 0.75 0.5 0.661 (0.0)
olv4* 1.0 0.5 0.661 (1.0)
cmyn4* 0.0 0.5 0.661 (0.0)
standard and adapted CIELAB
LAB*LAB 37.36 34.28 15.77
LAB*LABa 37.36 34.28 15.77
LAB*LABb 37.36 34.28 15.77

relative CIELAB lab*

lab*lab 0.25 0.5 0.661 (1.0)
lab*ich 0.25 0.5 0.661 (1.0)
lab*nch 0.0 0.5 0.661 (1.0)
relative Natural Colour (NC)
lab*trj 0.25 0.5 0.661 (1.0)
lab*nce 0.25 0.5 0.661 (1.0)

relative Inform. Technology (IT)

olv3* 0.0 0.5 0.661 (1.0)
cmyn3* 1.0 0.5 0.661 (0.0)
olv4* 1.0 0.5 0.661 (1.0)
cmyn4* 0.0 0.5 0.661 (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

relative CIELAB lab*

lab*lab 0.0 0.5 0.661 (1.0)
lab*ich 0.0 0.5 0.661 (1.0)
lab*nch 1.0 0.5 0.661 (1.0)
relative Natural Colour (NC)
lab*trj 0.0 0.5 0.661 (1.0)
lab*nce 1.0 0.5 0.661 (1.0)

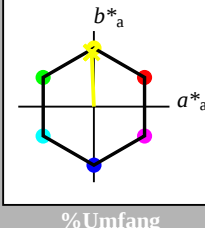
relative Inform. Technology (IT)

olv3* 0.75 0.5 0.661 (1.0)
cmyn3* 0.25 0.5 0.661 (0.0)
olv4* 1.0 0.5 0.661 (1.0)
cmyn4* 0.0 0.5 0.661 (0.0)
standard and adapted CIELAB
LAB*LAB 59.8

Eingabe: Farbmetrisches Standard-Reflektiv-System SRS18 für Buntton $h^* = lab^*h = 92/360 = 0.256$ lab^*ich und lab^*nch

D65: Buntton J
LCH*Ma: 57 76 92
olv*Ma: 0.95 1.0 0.0

Dreiecks-Helligkeit t^*



$u^*_{rel} = 100$

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*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*ich 1.0 0.0 0.0
lab*nch 0.0 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 0.0

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

relative CIELAB lab*
lab*lab 0.75 0.0 0.0
lab*ich 0.75 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
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 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*LABa 56.72 0.0 0.0
LAB*LABb 55.00 0.01 0.0

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

relative Inform. Technology (IT)
olv3* 0.25 0.25 0.25 (1.0)
cmyn3* 0.75 0.75 0.75 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 37.37 0.0 0.0
LAB*LABa 37.37 0.0 0.0
LAB*LABb 35.00 0.01 0.0

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

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (1.0)
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*LABa 18.03 0.0 0.0
LAB*LABb 17.00 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*lab 0.0 0.0 0.0
lab*ich 0.0 0.0 0.0
lab*nch 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
RC _{IE}	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* 0.977 1.0 0.5 (1.0)
cmyn3* 0.023 0.0 0.5 (0.0)
olv4* 0.977 1.0 0.5 (1.0)
cmyn4* 0.023 0.0 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 76.06 -1.51 37.81
LAB*LABa 76.06 -1.51 37.81
LAB*LABb 75.00 37.84 92.31

relative CIELAB lab*
lab*lab 0.75 0.0 0.5
lab*ich 0.75 0.0 0.5
lab*nch 0.0 0.5 0.256
relative Natural Colour (NC)
lab*lab 0.75 0.0 0.5
lab*ich 0.75 0.0 0.5
lab*nch 0.0 0.5 0.256

relative Inform. Technology (IT)
olv3* 0.727 0.5 0.25 (1.0)
cmyn3* 0.273 0.25 0.75 (0.0)
olv4* 0.977 1.0 0.5 (1.0)
cmyn4* 0.023 0.0 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 56.71 -1.52 37.82
LAB*LABa 56.71 -1.52 37.82
LAB*LABb 55.00 37.85 92.31

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

relative Inform. Technology (IT)
olv3* 0.477 0.5 0.0 (1.0)
cmyn3* 0.523 0.5 0.0 (0.0)
olv4* 0.977 1.0 0.0 (1.0)
cmyn4* 0.023 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 37.36 -1.52 37.81
LAB*LABa 37.36 -1.52 37.81
LAB*LABb 35.00 37.84 92.31

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 0.256
relative Natural Colour (NC)
lab*lab 0.25 0.0 0.0
lab*ich 0.25 0.0 0.0
lab*nch 0.0 0.0 0.256

relative Inform. Technology (IT)
olv3* 0.25 0.0 0.0 (1.0)
cmyn3* 0.75 0.75 0.75 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 18.03 0.0 0.0
LAB*LABa 18.03 0.0 0.0
LAB*LABb 17.00 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*lab 0.0 0.0 0.0
lab*ich 0.0 0.0 0.0
lab*nch 1.0 0.0 0.0

$n^* = 0.50$

relative Inform. Technology (IT)
olv3* 0.966 1.0 0.0 (1.0)
cmyn3* 0.034 0.0 0.0 (0.0)
olv4* 0.966 1.0 0.0 (1.0)
cmyn4* 0.034 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 66.38 -2.27 56.72
LAB*LABa 66.38 -2.27 56.72
LAB*LABb 65.00 56.77 92.31

relative CIELAB lab*
lab*lab 0.966 0.0 0.0
lab*ich 0.966 0.0 0.0
lab*nch 0.0 0.0 0.256
relative Natural Colour (NC)
lab*lab 0.966 0.0 0.0
lab*ich 0.966 0.0 0.0
lab*nch 0.0 0.0 0.256

relative Inform. Technology (IT)
olv3* 0.716 0.75 0.0 (1.0)
cmyn3* 0.284 0.25 1.0 (0.0)
olv4* 0.966 1.0 0.25 (1.0)
cmyn4* 0.034 0.0 0.25 (0.0)
standard and adapted CIELAB
LAB*LAB 47.04 -2.28 56.72
LAB*LABa 47.04 -2.28 56.72
LAB*LABb 45.00 56.77 92.31

relative CIELAB lab*
lab*lab 0.375 0.0 0.0
lab*ich 0.375 0.0 0.0
lab*nch 0.0 0.0 0.256
relative Natural Colour (NC)
lab*lab 0.375 0.0 0.0
lab*ich 0.375 0.0 0.0
lab*nch 0.0 0.0 0.256

relative Inform. Technology (IT)
olv3* 0.5 0.5 0.0 (1.0)
cmyn3* 0.5 0.5 0.0 (0.0)
olv4* 1.0 1.0 0.5 (1.0)
cmyn4* 0.0 0.5 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 56.71 -3.04 75.62
LAB*LABa 56.71 -3.04 75.62
LAB*LABb 55.00 75.69 92.31

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 0.256
relative Natural Colour (NC)
lab*lab 0.5 0.0 0.0
lab*ich 0.5 0.0 0.0
lab*nch 0.0 0.0 0.256

relative Inform. Technology (IT)
olv3* 0.25 0.25 0.0 (1.0)
cmyn3* 0.75 0.75 0.75 (0.0)
olv4* 1.0 1.0 0.5 (1.0)
cmyn4* 0.0 0.25 0.25 (0.0)
standard and adapted CIELAB
LAB*LAB 37.36 -3.04 75.62
LAB*LABa 37.36 -3.04 75.62
LAB*LABb 35.00 75.69 92.31

$n^* = 0.25$

Schwarzheit n^*

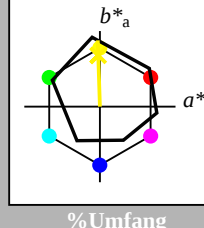
relative Buntheit c^*

$n^* = 0.00$

Ausgabe: Farbmetrisches Offset-Reflektiv-System ORS18 für Buntton $h^* = lab^*h = 92/360 = 0.255$ lab^*tch und lab^*nch

D65: Buntton J
LCH*Ma: 86 88 92
olv*Ma: 1.0 0.9 0.0

Dreiecks-Helligkeit t^*



$u^*_{rel} = 93$

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

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

relative CIELAB lab*
lab*lab 0.75 0.0 0.0
lab*tch 0.75 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*lab 0.75 0.0 0.0
lab*tch 0.75 0.0 0.0
lab*nch 0.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.5 0.5 0.5 (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 -3.04 75.62
LAB*LABa 56.71 -3.04 75.62
LAB*LABb 55.00 75.69 92.31

relative CIELAB lab*
lab*lab 0.5 0.0 0.0
lab*tch 0.5 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*lab 0.5 0.0 0.0
lab*tch 0.5 0.0 0.0
lab*nch 0.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.25 0.25 0.25 (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 -3.04 75.62
LAB*LABa 37.36 -3.04 75.62
LAB*LABb 35.00 75.69 92.31

relative CIELAB lab*
lab*lab 0.25 0.0 0.0
lab*tch 0.25 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*lab 0.25 0.0 0.0
lab*tch 0.25 0.0 0.0
lab*nch 0.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (1.0)
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 17.00 0.01 0.0

relative CIELAB lab*
lab*lab 0.0 0.0 0.0
lab*tch 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*tch 0.0 0.0 0.0
lab*nch 1.0 0.0 0.0

$n^* = 1.0$

Schwarzheit n^*

relative Buntheit c^*

$n^* = 0.00$

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* 1.0 0.975 0.75 (1.0)
cmyn3* 0.0 0.025 0.25 (0.0)
olv4* 1.0 1.0 0.975 0.75 (1.0)
cmyn4* 0.0 0.025 0.25 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 93.1 -1.64 26.52
LAB*LABa 93.1 0.7 21.92
LAB*LABb 87.5 21.93 91.85

relative CIELAB lab*
lab*lab 0.97 0.0 0.25
lab*tch 0.97 0.0 0.25
lab*nch 0.0 0.25 0.255
relative Natural Colour (NC)
lab*lab 0.97 0.0 0.25
lab*tch 0.97 0.0 0.25
lab*nch 0.0 0.25 0.255

relative Inform. Technology (IT)
olv3* 0.75 0.725 0.5 (1.0)
cmyn3* 0.25 0.275 0.5 (0.0)
olv4* 1.0 0.975 0.75 0.75 (1.0)
cmyn4* 0.0 0.025 0.25 0.25 (0.0)
standard and adapted CIELAB
LAB*LAB 73.75 -1.27 25.22
LAB*LABa 73.75 -1.27 25.22
LAB*LABb 70.0 25.22 91.84

relative CIELAB lab*
lab*lab 0.75 0.0 0.5
lab*tch 0.75 0.0 0.5
lab*nch 0.0 0.5 0.255
relative Natural Colour (NC)
lab*lab 0.75 0.0 0.5
lab*tch 0.75 0.0 0.5
lab*nch 0.0 0.5 0.255

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 0.5 (1.0)
cmyn4* 0.0 0.5 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 54.4 -0.89 23.91
LAB*LABa 54.4 -0.89 23.91
LAB*LABb 50.0 23.91 91.84

relative CIELAB lab*
lab*lab 0.5 0.0 0.5
lab*tch 0.5 0.0 0.5
lab*nch 0.0 0.5 0.255
relative Natural Colour (NC)
lab*lab 0.5 0.0 0.5
lab*tch 0.5 0.0 0.5
lab*nch 0.0 0.5 0.255

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 0.25 (1.0)
cmyn4* 0.0 0.25 0.25 (0.0)
standard and adapted CIELAB
LAB*LAB 37.36 -1.39 43.83
LAB*LABa 37.36 -1.39 43.83
LAB*LABb 35.00 43.86 91.84

relative CIELAB lab*
lab*lab 0.25 0.0 0.25
lab*tch 0.25 0.0 0.25
lab*nch 0.0 0.25 0.255
relative Natural Colour (NC)
lab*lab 0.25 0.0 0.25
lab*tch 0.25 0.0 0.25
lab*nch 0.0 0.25 0.255

$n^* = 0.50$

relative Inform. Technology (IT)
olv3* 0.75 0.701 0.25 (1.0)
cmyn3* 0.25 0.299 0.75 (0.0)
olv4* 1.0 0.951 0.5 0.75 (1.0)
cmyn4* 0.0 0.049 0.5 0.25 (0.0)
standard and adapted CIELAB
LAB*LAB 71.45 -1.92 46.98
LAB*LABa 71.45 -1.92 46.98
LAB*LABb 68.14 46.98 91.84

relative CIELAB lab*
lab*lab 0.75 0.0 0.25
lab*tch 0.75 0.0 0.25
lab*nch 0.0 0.25 0.255
relative Natural Colour (NC)
lab*lab 0.75 0.0 0.25
lab*tch 0.75 0.0 0.25
lab*nch 0.0 0.25 0.255

relative Inform. Technology (IT)
olv3* 0.5 0.451 0.0 (1.0)
cmyn3* 0.5 0.525 0.75 (0.0)
olv4* 1.0 0.975 0.75 0.5 (1.0)
cmyn4* 0.0 0.025 0.25 0.25 (0.0)
standard and adapted CIELAB
LAB*LAB 54.4 -0.89 23.91
LAB*LABa 54.4 -0.89 23.91
LAB*LABb 50.0 23.91 91.84

relative CIELAB lab*
lab*lab 0.5 0.0 0.5
lab*tch 0.5 0.0 0.5
lab*nch 0.0 0.5 0.255
relative Natural Colour (NC)
lab*lab 0.5 0.0 0.5
lab*tch 0.5 0.0 0.5
lab*nch 0.0 0.5 0.255

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 0.25 (1.0)
cmyn4* 0.0 0.25 0.25 (0.0)
standard and adapted CIELAB
LAB*LAB 37.36 -1.39 43.83
LAB*LABa 37.36 -1.39 43.83
LAB*LABb 35.00 43.86

Eingabe: Farbmetrisches Standard-Reflektiv-System SRS18

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

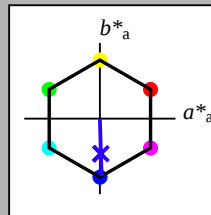
lab^*ich und lab^*nch

D65: Buntton B

LCH*Ma: 57 76 272

olv*Ma: 0.03 0.0 1.0

Dreiecks-Helligkeit t^*



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

relative CIELAB lab*
lab*lab 1.0 0.0 0.0
lab*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*LABa 76.07 0.0 0.0
LAB*LABb 75.00 0.01 0.0

relative CIELAB lab*
lab*lab 0.75 0.0 0.0
lab*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 56.72 0.0 0.0
LAB*LABa 56.72 0.0 0.0
LAB*LABb 55.00 0.01 0.0

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

relative Inform. Technology (IT)
olv3* 0.25 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 37.37 0.0 0.0
LAB*LABa 37.37 0.0 0.0
LAB*LABb 35.00 0.01 0.0

relative CIELAB lab*
lab*lab 0.25 0.0 0.0
lab*ich 0.25 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.25 0.0 0.0
lab*ice 0.25 0.0 0.0
lab*nce 0.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 1.0 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 18.03 0.0 0.0
LAB*LABa 18.03 0.0 0.0
LAB*LABb 18.00 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*trj 0.0 0.0 0.0
lab*ice 0.0 0.0 0.0
lab*nce 1.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 1.0 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 18.03 0.0 0.0
LAB*LABa 18.03 0.0 0.0
LAB*LABb 18.00 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*trj 0.0 0.0 0.0
lab*ice 0.0 0.0 0.0
lab*nce 1.0 0.0 0.0

SRS18; adaptierte CIELAB-Daten

	$L^*=L_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	56.71	67.03	38.7	77.4	30
Y _{Ma}	56.71	0.0	77.4	77.4	90
L _{Ma}	56.71	-67.02	38.7	77.4	150
C _{Ma}	56.71	-67.02	-38.69	77.4	210
V _{Ma}	56.71	0.0	-77.39	77.4	270
M _{Ma}	56.71	67.03	-38.69	77.4	330
N _{Ma}	18.01	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
RC _{IE}	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

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

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

%Umfang

$u_{rel} = 100$

%Regularität

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

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

%Umfang

$u_{rel} = 100$

%Regularität

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

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

%Umfang

$u_{rel} = 100$

%Regularität

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

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

%Umfang

$u_{rel} = 100$

%Regularität

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

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

%Umfang

$u_{rel} = 100$

%Regularität

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

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

%Umfang

$u_{rel} = 100$

%Regularität

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

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

%Umfang

$u_{rel} = 100$

Ausgabe: Farbmetrisches Offset-Reflektiv-System ORS18

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

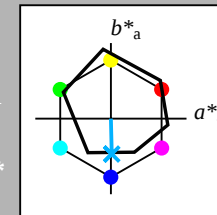
lab^*ich und lab^*nch

D65: Buntton B

LCH*Ma: 42 45 271

olv*Ma: 0.0 0.49 1.0

Dreiecks-Helligkeit t^*



relative Inform. Technology (IT)
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*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*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*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 2.3 -76.05
LAB*LABa 56.71 2.3 -76.05
LAB*LABb 55.00 0.01 0.0

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

relative Inform. Technology (IT)
olv3* 0.25 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 37.37 2.4 21.4
LAB*LABa 37.37 2.4 21.4
LAB*LABb 35.00 0.01 0.0

relative CIELAB lab*
lab*lab 0.25 0.0 0.0
lab*ich 0.25 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.25 0.0 0.0
lab*ice 0.25 0.0 0.0
lab*nce 0.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 1.0 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 18.02 0.0 0.0
LAB*LABa 18.02 0.0 0.0
LAB*LABb 18.00 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*trj 0.0 0.0 0.0
lab*ice 0.0 0.0 0.0
lab*nce 1.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 1.0 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 18.02 0.0 0.0
LAB*LABa 18.02 0.0 0.0
LAB*LABb 18.00 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*trj 0.0 0.0 0.0
lab*ice 0.0 0.0 0.0
lab*nce 1.0 0.0 0.0

ORS18; adaptierte CIELAB-Daten

	$L^*=L_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	65.39	50.52	82.63	38
Y _{Ma}	90.37	-10.26	91.75	92.32	96
L _{Ma}	50.9	-62.83	34.96	71.91	151
C _{Ma}	58.62	-30.34	-45.01	54.3	236
V _{Ma}	25.72	31.1	-44.4	54.22	305
M _{Ma}	48.13	75.28	-8.36	75.74	354
N _{Ma}	18.01	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
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

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

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

%Umfang

$u_{rel} = 93$

%Regularität

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

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

%Umfang

$u_{rel} = 93$

%Regularität

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

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

%Umfang

$u_{rel} = 93$

%Regularität

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

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

%Umfang

$u_{rel} = 93$

%Regularität

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

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

%Umfang

$u_{rel} = 93$

%Regularität

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

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

%Umfang

$u_{rel} = 93$

%Regularität

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

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

%Umfang

$u_{rel} = 93$

NG570-7, 5 stufige Reihen für konstanten CIELAB Buntton 272/360 = 0.755 (links)

5 stufige Reihen für konstanten CIELAB Buntton 271/360 = 0.754 (rechts)

BAM-Prüfvorlage NG57; Farbmetrik-Systeme SRS18 & ORS18 input: olv* setrgbcolor

D65: 2 Koordinatendaten; 5stufige Farbreihen für 10 Bunttöne

output: olv* setrgbcolor / w* setgray

relative Buntheit c^*

relative Buntheit c^*

relative Buntheit c^*

relative Buntheit c^*