

Eingabe: Farbmetrisches Reflexions-System MRS18

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

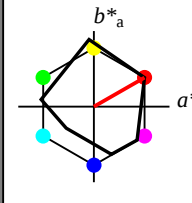
lab^*ch und lab^*nch

D65: Buntton R

LCH*Ma: 50 77 30

rgb*Ma: 1.0 0.0 0.0

Dreiecks-Helligkeit t^*



relative Inform. Technology (IT)

olvi3* 1.0 1.0 1.0 (1.0)
cmyn3* 0.0 0.0 0.0 (0.0)
olvi4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 95.41 -0.97 4.75
LAB*LABa 95.41 0.0 0.0
LAB*LABb 95.41 0.0 0.0
LAB*LABc 95.41 0.0 0.0

relative CIELAB lab*

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

relative Inform. Technology (IT)

olvi3* 0.75 0.75 0.75 (1.0)
cmyn3* 0.25 0.25 0.25 (0.0)
olvi4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 76.06 -0.6 3.44
LAB*LABa 76.06 0.0 0.0
LAB*LABb 76.06 0.0 0.0
LAB*LABc 76.06 0.0 0.0

relative CIELAB lab*

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

relative Inform. Technology (IT)

olvi3* 0.5 0.5 0.5 (0.0)
cmyn3* 0.5 0.5 0.5 (0.0)
olvi4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 56.71 -0.23 2.14
LAB*LABa 56.71 0.0 0.0
LAB*LABb 56.71 0.0 0.0
LAB*LABc 56.71 0.0 0.0

relative CIELAB lab*

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

relative Inform. Technology (IT)

olvi3* 0.25 0.25 0.25 (1.0)
cmyn3* 0.75 0.75 0.75 (0.0)
olvi4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 37.36 -0.38 0.83
LAB*LABa 37.36 0.0 0.0
LAB*LABb 37.36 0.0 0.0
LAB*LABc 37.36 0.0 0.0

relative CIELAB lab*

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

relative Inform. Technology (IT)

olvi3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 1.0 (0.0)
olvi4* 1.0 1.0 1.0 (0.0)
cmyn4* 0.0 0.0 0.0 (1.0)
standard and adapted CIELAB
LAB*LAB 18.02 0.0 0.46
LAB*LABa 18.02 0.0 0.46
LAB*LABb 18.02 0.0 0.46
LAB*LABc 18.02 0.0 0.46

relative CIELAB lab*

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

relative Inform. Technology (IT)

olvi3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 1.0 (0.0)
olvi4* 1.0 1.0 1.0 (0.0)
cmyn4* 0.0 0.0 0.0 (1.0)
standard and adapted CIELAB
LAB*LAB 18.02 0.0 0.46
LAB*LABa 18.02 0.0 0.46
LAB*LABb 18.02 0.0 0.46
LAB*LABc 18.02 0.0 0.46

relative CIELAB lab*

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

MRS18; adaptierte CIELAB-Daten

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
RMa	49.63	66.96	38.37	77.18	30
JMa	90.7	-6.36	88.75	88.98	94
GMa	52.11	-69.73	9.44	70.37	172
G50BMa	45.03	-36.57	-28.47	46.36	218
BMa	36.65	23.19	-63.05	67.18	290
B50RMa	34.94	57.17	-44.26	72.31	322
NMa	18.01	0.0	0.0	0.0	0
WMa	95.41	0.0	0.0	0.0	0
RCIE	39.92	58.66	26.98	64.56	25
JCIE	81.26	-2.17	67.76	67.79	92
GCIE	52.23	-42.26	11.75	43.87	164
BCIE	30.57	1.15	-46.84	46.87	271

%Regularität

$g^*_{H,rel} = 41$

$g^*_{C,rel} = 52$

relative Inform. Technology (IT)

olvi3* 1.0 0.5 0.5 (1.0)
cmyn3* 0.0 0.5 0.5 (0.0)
olvi4* 1.0 0.5 0.5 (1.0)
cmyn4* 0.0 0.5 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 72.52 32.93 22.4
LAB*LABa 72.52 32.93 22.4
LAB*LABb 72.52 32.93 22.4
LAB*LABc 72.52 32.93 22.4

relative CIELAB lab*

lab*lab 0.704 0.434 0.249
lab*ch 0.75 0.5 0.083
lab*nch 0.75 0.5 0.083
relative Natural Colour (NC)
lab*trj 0.704 0.496 0.06
lab*trc 0.75 0.5 0.091
lab*trb 0.75 0.5 0.091

relative Inform. Technology (IT)

olvi3* 0.75 0.25 0.25 (1.0)
cmyn3* 0.25 0.75 0.75 (0.0)
olvi4* 1.0 0.5 0.5 (0.0)
cmyn4* 0.0 0.5 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 61.07 49.89 31.22
LAB*LABa 61.07 49.89 31.22
LAB*LABb 61.07 49.89 31.22
LAB*LABc 61.07 49.89 31.22

relative CIELAB lab*

lab*lab 0.559 0.651 0.373
lab*ch 0.625 0.75 0.083
lab*nch 0.625 0.75 0.083
relative Natural Colour (NC)
lab*trj 0.559 0.745 0.09
lab*trc 0.625 0.75 0.091
lab*trb 0.625 0.75 0.091

relative Inform. Technology (IT)

olvi3* 0.5 0.0 0.0 (1.0)
cmyn3* 0.25 1.0 0.0 (0.0)
olvi4* 1.0 0.25 0.25 (0.0)
cmyn4* 0.0 0.25 0.25 (0.0)
standard and adapted CIELAB
LAB*LAB 49.63 66.96 38.37
LAB*LABa 49.63 66.96 38.37
LAB*LABb 49.63 66.96 38.37
LAB*LABc 49.63 66.96 38.37

relative CIELAB lab*

lab*lab 0.306 0.651 0.373
lab*ch 0.375 0.75 0.083
lab*nch 0.375 0.75 0.083
relative Natural Colour (NC)
lab*trj 0.306 0.745 0.09
lab*trc 0.375 0.75 0.091
lab*trb 0.375 0.75 0.091

relative Inform. Technology (IT)

olvi3* 0.25 0.0 0.0 (1.0)
cmyn3* 0.5 1.0 0.0 (0.0)
olvi4* 1.0 0.25 0.25 (0.0)
cmyn4* 0.0 0.25 0.25 (0.0)
standard and adapted CIELAB
LAB*LAB 33.82 33.47 19.18
LAB*LABa 33.82 33.47 19.18
LAB*LABb 33.82 33.47 19.18
LAB*LABc 33.82 33.47 19.18

relative CIELAB lab*

lab*lab 0.204 0.434 0.249
lab*ch 0.25 0.5 0.083
lab*nch 0.25 0.5 0.083
relative Natural Colour (NC)
lab*trj 0.204 0.496 0.06
lab*trc 0.25 0.5 0.091
lab*trb 0.25 0.5 0.091

relative Inform. Technology (IT)

olvi3* 0.0 0.0 0.0 (1.0)
cmyn3* 0.75 1.0 0.0 (0.0)
olvi4* 1.0 0.25 0.25 (0.0)
cmyn4* 0.0 0.25 0.25 (0.0)
standard and adapted CIELAB
LAB*LAB 18.02 0.0 0.46
LAB*LABa 18.02 0.0 0.46
LAB*LABb 18.02 0.0 0.46
LAB*LABc 18.02 0.0 0.46

relative CIELAB lab*

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

Ausgabe: Farbmetrisches Reflexions-System ORS18

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

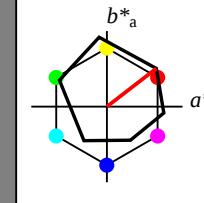
lab^*ch und lab^*nch

D65: Buntton O

LCH*Ma: 48 83 38

rgb*Ma: 1.0 0.0 0.0

Dreiecks-Helligkeit t^*



relative Inform. Technology (IT)

olvi3* 1.0 1.0 1.0 (1.0)
cmyn3* 0.0 0.0 0.0 (0.0)
olvi4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 95.41 -0.97 4.75
LAB*LABa 95.41 0.0 0.0
LAB*LABb 95.41 0.0 0.0
LAB*LABc 95.41 0.0 0.0

relative CIELAB lab*

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

relative Inform. Technology (IT)

olvi3* 0.75 0.75 0.75 (1.0)
cmyn3* 0.25 0.25 0.25 (0.0)
olvi4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 76.06 -0.6 3.44
LAB*LABa 76.06 0.0 0.0
LAB*LABb 76.06 0.0 0.0
LAB*LABc 76.06 0.0 0.0

relative CIELAB lab*

lab*lab 0.847 0.198 0.153
lab*ch 0.875 0.25 0.105
lab*nch 0.875 0.25 0.105
relative Natural Colour (NC)
lab*trj 0.847 0.238 0.075
lab*trc 0.875 0.25 0.048
lab*trb 0.875 0.25 0.048

relative Inform. Technology (IT)

olvi3* 0.5 0.5 0.5 (0.0)
cmyn3* 0.5 0.5 0.5 (0.0)
olvi4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 56.71 -0.23 2.14
LAB*LABa 56.71 0.0 0.0
LAB*LABb 56.71 0.0 0.0
LAB*LABc 56.71 0.0 0.0

relative CIELAB lab*

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

relative Inform. Technology (IT)

olvi3* 0.25 0.25 0.25 (1.0)
cmyn3* 0.75 0.75 0.75 (0.0)
olvi4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 37.36 -0.38 0.83
LAB*LABa 37.36 0.0 0.0
LAB*LABb 37.36 0.0 0.0
LAB*LABc 37.36 0.0 0.0

relative CIELAB lab*

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

relative Inform. Technology (IT)

olvi3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 1.0 (0.0)
olvi4* 1.0 1.0 1.0 (0.0)
cmyn4* 0.0 0.0 0.0 (1.0)
standard and adapted CIELAB
LAB*LAB 18.02 0.0 0.46
LAB*LABa 18.02 0.0 0.46
LAB*LABb 18.02 0.0 0.46
LAB*LABc 18.02 0.0 0.46

relative CIELAB lab*

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

relative Inform. Technology (IT)

olvi3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 1.0 (0.0)
olvi4* 1.0 1.0 1.0 (0.0)
cmyn4* 0.0 0.0 0.0 (1.0)
standard and adapted CIELAB
LAB*LAB 18.02 0.0 0.46
LAB*LABa 18.02 0.0 0.46
LAB*LABb 18.02 0.0 0.46
LAB*LABc 18.02 0.0 0.46

relative CIELAB lab*

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

ORS18; adaptierte CIELAB-Daten

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
OMa	47.94	65.37	50.52	82.62	38
YMa	90.37	-10.27	91.77	92.34	96
LMa	50.9	-62.79	34.95	71.87	151
CMa	58.62	-30.35	-45.01	54.3	236
VMa	25.71	31.11	-44.42	54.24	305
MMa	48.13	75.27	-8.35	75.73	354
NMa	18.01	0.0	0.0	0.0	0
WMa	95.41	0.0	0.0	0.0	0
RCIE	39.92	58.66	26.98	64.56	25
JCIE	81.26	-2.17	67.76	67.79	92
GCIE	52.23	-42.26	11.75	43.87	164
BCIE	30.57	1.15	-46.84	46.87	271

%Regularität

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

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

relative Inform. Technology (IT)

olvi3* 1.0 0.5 0.5 (1.0)
cmyn3* 0.0 0.5 0.5 (0.0)
olvi4* 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 32.15 28.41
LAB*LABa 71.67 32.15 28.41
LAB*LABb 71.67 32.15 28.41
LAB*LABc 71.67 32.15 28.41

relative CIELAB lab*

lab*lab 0.693 0.396 0.306
lab*ch 0.75 0.5 0.105
lab*nch 0.75 0.5 0.105
relative Natural Colour (NC)
lab*trj 0.693 0.477 0.15
lab*trc 0.75 0.5 0.048
lab*trb 0.75 0.5 0.048

relative Inform. Technology (IT)

olvi3* 0.75 0.25 0.25 (1.0)
cmyn3* 0.25 0.75 0.75 (0.0)
olvi4* 1.0 0.5 0.5 (0.0)
cmyn4* 0.0 0.5 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 64.19 15.96 15.28
LAB*LABa 64.19 15.96 15.28
LAB*LABb 64.19 15.96 15.28
LAB*LABc 64.19 15.96 15.28

relative CIELAB lab*

lab*lab 0.529 0.238 0.075
lab*ch 0.625 0.25 0.048
lab*nch 0.625 0.25 0.048
relative Natural Colour (NC)
lab*trj 0.529 0.238 0.075
lab*trc 0.625 0.25 0.048
lab*trb 0.625 0.25 0.048

relative Inform. Technology (IT)

olvi3* 0.5 0.0 0.0 (1.0)
cmyn3* 0.25 1.0 0.0 (0.0)
olvi4* 1.0 0.25 0.25 (0.0)
cmyn4* 0.0 0.25 0.25 (0.0)
standard and adapted CIELAB
LAB*LAB 56.71 -0.23 2.14
LAB*LABa 56.71 0.0 0.0
LAB*LABb 56.71 0.0 0.0
LAB*LABc 56.71 0.0 0.0

relative CIELAB lab*

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

relative Inform. Technology (IT)

olvi3* 0.25 0.25 0.25 (1.0)
cmyn3* 0.75 0.75 0.75 (0.0)
olvi4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 37.36 -0.38 0.83
LAB*LABa 37.36 0.0 0.0
LAB*LABb 37.36 0.0 0.0
LAB*LABc 37.36 0.0 0.0

relative CIELAB lab*

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

relative Inform

Relative Buntzeit c*

Siehe ähnliche Dateien: <http://www.ps.bam.de/TG55/>
Technische Information: <http://www.ps.bam.de> Version 2.1, io=1,1

BAM-Registrierung: 20060101-1/G55/10/L55G02NP.PS/.PDF BAM-Material: Code=rha4ta
Anwendung für Beurteilung und Messung von Drucker- oder Monitorsystemen

TC55/ Form: 3/10 Serie: 1/1 Saito: 3 Saitenz blund 3

Saitenz blund 3

D65: 2 Koordinaten-Daten von 5stufi

für 10 Bunttöne: **one** input: no change compared to input

D65: 2 Koordinaten-Daten von 5stufigen Farbreihen für 10 Bunttöne **Output: no change compared to input**

Eingabe: Farbmetrisches Reflexions-System MRS18

für Buntton $h^* = lab^*h = 218/360 = 0.605$

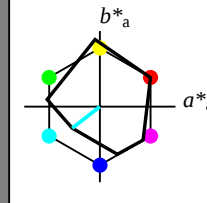
lab^*ch und lab^*nch

D65: Buntton G50B

LCH*Ma: 45 46 218

rgb*Ma: 0.0 1.0 1.0

Dreiecks-Helligkeit t^*



relative Inform. Technology (IT)

olvi3* 1.0 1.0 1.0 (1.0)
olvi3* 0.0 0.0 0.0 (0.0)
olvi4* 1.0 1.0 1.0 (1.0)
olvi4* 0.0 0.0 0.0 (0.0)
olvi4* 0.0 0.0 0.0 (0.0)
olvi4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 95.41 -0.97 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*lab 0.0 0.0 0.0
lab*lab 0.0 0.0 0.0
lab*lab 0.0 0.0 0.0
lab*lab 0.0 0.0 0.0
lab*lab 0.0 0.0 0.0
relative Natural Colour (NC)
lab*lab 1.0 0.0 0.0
lab*lab 0.0 0.0 0.0
lab*lab 0.0 0.0 0.0
lab*lab 0.0 0.0 0.0
lab*lab 0.0 0.0 0.0
lab*lab 0.0 0.0 0.0

relative Inform. Technology (IT)

olvi3* 0.75 0.75 0.75 (1.0)
olvi3* 0.25 0.25 0.25 (0.0)
olvi4* 1.0 1.0 1.0 (1.0)
olvi4* 0.0 0.0 0.0 (0.0)
olvi4* 0.0 0.0 0.0 (0.0)
olvi4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 76.06 -0.6 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*lab 0.0 0.75 0.0
lab*lab 0.0 0.0 0.75
lab*lab 0.0 0.0 0.0
lab*lab 0.0 0.0 0.0
lab*lab 0.0 0.0 0.0
relative Natural Colour (NC)
lab*lab 0.75 0.0 0.0
lab*lab 0.0 0.75 0.0
lab*lab 0.0 0.0 0.75
lab*lab 0.0 0.0 0.0
lab*lab 0.0 0.0 0.0
lab*lab 0.0 0.0 0.0

relative Inform. Technology (IT)

olvi3* 0.5 0.5 0.5 (1.0)
olvi3* 0.0 0.0 0.0 (0.0)
olvi4* 1.0 1.0 1.0 (1.0)
olvi4* 0.0 0.0 0.0 (0.0)
olvi4* 0.0 0.0 0.0 (0.0)
olvi4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 56.71 -0.23 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*lab 0.0 0.5 0.0
lab*lab 0.0 0.0 0.5
lab*lab 0.0 0.0 0.0
lab*lab 0.0 0.0 0.0
lab*lab 0.0 0.0 0.0
relative Natural Colour (NC)
lab*lab 0.5 0.0 0.0
lab*lab 0.0 0.5 0.0
lab*lab 0.0 0.0 0.5
lab*lab 0.0 0.0 0.0
lab*lab 0.0 0.0 0.0
lab*lab 0.0 0.0 0.0

relative Inform. Technology (IT)

olvi3* 0.25 0.25 0.25 (1.0)
olvi3* 0.75 0.75 0.75 (0.0)
olvi4* 1.0 1.0 1.0 (1.0)
olvi4* 0.0 0.0 0.0 (0.0)
olvi4* 0.0 0.0 0.0 (0.0)
olvi4* 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 0.0

relative CIELAB lab*

lab*lab 0.25 0.0 0.0
lab*lab 0.0 0.25 0.0
lab*lab 0.0 0.0 0.25
lab*lab 0.0 0.0 0.0
lab*lab 0.0 0.0 0.0
lab*lab 0.0 0.0 0.0
relative Natural Colour (NC)
lab*lab 0.25 0.0 0.0
lab*lab 0.0 0.25 0.0
lab*lab 0.0 0.0 0.25
lab*lab 0.0 0.0 0.0
lab*lab 0.0 0.0 0.0
lab*lab 0.0 0.0 0.0

relative Inform. Technology (IT)

olvi3* 0.0 0.0 0.0 (1.0)
olvi3* 1.0 1.0 1.0 (0.0)
olvi4* 1.0 1.0 1.0 (1.0)
olvi4* 0.0 0.0 0.0 (0.0)
olvi4* 0.0 0.0 0.0 (0.0)
olvi4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 18.02 0.0 0.46
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*lab 0.0 0.0 0.0
lab*lab 0.0 0.0 0.0
lab*lab 0.0 0.0 0.0
lab*lab 0.0 0.0 0.0
lab*lab 0.0 0.0 0.0
relative Natural Colour (NC)
lab*lab 0.0 0.0 0.0
lab*lab 0.0 0.0 0.0
lab*lab 0.0 0.0 0.0
lab*lab 0.0 0.0 0.0
lab*lab 0.0 0.0 0.0
lab*lab 0.0 0.0 0.0

relative Inform. Technology (IT)

olvi3* 0.0 0.0 0.0 (1.0)
olvi3* 1.0 1.0 1.0 (0.0)
olvi4* 1.0 1.0 1.0 (1.0)
olvi4* 0.0 0.0 0.0 (0.0)
olvi4* 0.0 0.0 0.0 (0.0)
olvi4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 18.02 0.0 0.46
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*lab 0.0 0.0 0.0
lab*lab 0.0 0.0 0.0
lab*lab 0.0 0.0 0.0
lab*lab 0.0 0.0 0.0
lab*lab 0.0 0.0 0.0
relative Natural Colour (NC)
lab*lab 0.0 0.0 0.0
lab*lab 0.0 0.0 0.0
lab*lab 0.0 0.0 0.0
lab*lab 0.0 0.0 0.0
lab*lab 0.0 0.0 0.0
lab*lab 0.0 0.0 0.0

MRS18; adaptierte CIELAB-Daten

	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
RMa	49.63	66.96	38.37	77.18	30
JMa	90.7	-6.36	88.75	88.98	94
GMa	52.11	-69.73	9.44	70.37	172
G50BMa	45.03	-36.57	-28.47	46.36	218
BMa	36.65	23.19	-63.05	67.18	290
B50RMa	34.94	57.17	-44.26	72.31	322
NMa	18.01	0.0	0.0	0.0	0
WMa	95.41	0.0	0.0	0.0	0
RCIE	39.92	58.66	26.98	64.56	25
JCIE	81.26	-2.17	67.76	67.79	92
GCIE	52.23	-42.26	11.75	43.87	164
BCIE	30.57	1.15	-46.84	46.87	271

%Umfang

$u^*_{rel} = 91$

%Regularität

$g^*_{H,rel} = 41$

$g^*_{C,rel} = 52$

%Inform. Technology (IT)

olvi3* 0.75 0.75 0.75 (1.0)
olvi3* 0.25 0.25 0.25 (0.0)
olvi4* 1.0 1.0 1.0 (1.0)
olvi4* 0.0 0.0 0.0 (0.0)
olvi4* 0.0 0.0 0.0 (0.0)
olvi4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 82.81 -9.87 -3.2
LAB*LAB 82.81 -9.13 -7.11
LAB*LAB 87.5 11.58 21.91

relative CIELAB lab*

lab*lab 0.837 -0.196 -0.153
lab*lab 0.875 0.25 0.605
lab*lab 0.875 0.25 0.605
lab*lab 0.875 0.25 0.605
lab*lab 0.875 0.25 0.605
lab*lab 0.875 0.25 0.605
relative Natural Colour (NC)
lab*lab 0.837 -0.196 -0.153
lab*lab 0.875 0.25 0.605
lab*lab 0.875 0.25 0.605
lab*lab 0.875 0.25 0.605
lab*lab 0.875 0.25 0.605
lab*lab 0.875 0.25 0.605

relative Inform. Technology (IT)

olvi3* 0.5 0.5 0.5 (1.0)
olvi3* 0.25 0.25 0.25 (0.0)
olvi4* 1.0 1.0 1.0 (1.0)
olvi4* 0.0 0.0 0.0 (0.0)
olvi4* 0.0 0.0 0.0 (0.0)
olvi4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 63.46 -9.5 -4.51
LAB*LAB 63.46 -9.13 -7.11
LAB*LAB 62.5 11.59 21.91

relative CIELAB lab*

lab*lab 0.587 -0.196 -0.153
lab*lab 0.625 0.25 0.605
lab*lab 0.625 0.25 0.605
lab*lab 0.625 0.25 0.605
lab*lab 0.625 0.25 0.605
lab*lab 0.625 0.25 0.605
relative Natural Colour (NC)
lab*lab 0.587 -0.196 -0.153
lab*lab 0.625 0.25 0.605
lab*lab 0.625 0.25 0.605
lab*lab 0.625 0.25 0.605
lab*lab 0.625 0.25 0.605
lab*lab 0.625 0.25 0.605

relative Inform. Technology (IT)

olvi3* 0.25 0.25 0.25 (1.0)
olvi3* 0.75 0.75 0.75 (0.0)
olvi4* 1.0 1.0 1.0 (1.0)
olvi4* 0.0 0.0 0.0 (0.0)
olvi4* 0.0 0.0 0.0 (0.0)
olvi4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 50.87 -18.4 -12.48
LAB*LAB 50.87 -18.29 -14.23
LAB*LAB 50.0 23.18 21.91

relative CIELAB lab*

lab*lab 0.425 -0.394 -0.306
lab*lab 0.425 0.5 0.605
lab*lab 0.425 0.5 0.605
lab*lab 0.425 0.5 0.605
lab*lab 0.425 0.5 0.605
lab*lab 0.425 0.5 0.605
relative Natural Colour (NC)
lab*lab 0.425 -0.394 -0.306
lab*lab 0.425 0.5 0.605
lab*lab 0.425 0.5 0.605
lab*lab 0.425 0.5 0.605
lab*lab 0.425 0.5 0.605
lab*lab 0.425 0.5 0.605

relative Inform. Technology (IT)

olvi3* 0.0 0.0 0.0 (1.0)
olvi3* 1.0 0.0 0.0 (0.0)
olvi4* 1.0 1.0 1.0 (1.0)
olvi4* 0.0 0.0 0.0 (0.0)
olvi4* 0.0 0.0 0.0 (0.0)
olvi4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 31.52 -18.03 -13.78
LAB*LAB 31.52 -18.27 -14.23
LAB*LAB 25.01 23.17 21.91

relative CIELAB lab*

lab*lab 0.175 -0.393 -0.306
lab*lab 0.175 0.5 0.605
lab*lab 0.175 0.5 0.605
lab*lab 0.175 0.5 0.605
lab*lab 0.175 0.5 0.605
lab*lab 0.175 0.5 0.605
relative Natural Colour (NC)
lab*lab 0.175 -0.393 -0.306
lab*lab 0.175 0.5 0.605
lab*lab 0.175 0.5 0.605
lab*lab 0.175 0.5 0.605
lab*lab 0.175 0.5 0.605
lab*lab 0.175 0.5 0.605

relative Inform. Technology (IT)

olvi3* 0.0 0.0 0.0 (1.0)
olvi3* 1.0 0.0 0.0 (0.0)
olvi4* 1.0 1.0 1.0 (1.0)
olvi4* 0.0 0.0 0.0 (0.0)
olvi4* 0.0 0.0 0.0 (0.0)
olvi4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 18.02 0.0 0.46
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*lab 0.0 0.0 0.0
lab*lab 0.0 0.0 0.0
lab*lab 0.0 0.0 0.0
lab*lab 0.0 0.0 0.0
lab*lab 0.0 0.0 0.0
relative Natural Colour (NC)
lab*lab 0.0 0.0 0.0
lab*lab 0.0 0.0 0.0
lab*lab 0.0 0.0 0.0
lab*lab 0.0 0.0 0.0
lab*lab 0.0 0.0 0.0
lab*lab 0.0 0.0 0.0

Ausgabe: Farbmetrisches Reflexions-System ORS18

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

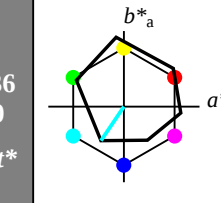
lab^*ch und lab^*nch

D65: Buntton C

LCH*Ma: 59 54 236

rgb*Ma: 0.0 1.0 1.0

Dreiecks-Helligkeit t^*



relative Inform. Technology (IT)

olvi3* 1.0 1.0 1.0 (1.0)
olvi3* 0.0 0.0 0.0 (0.0)
olvi4* 1.0 1.0 1.0 (1.0)
olvi4* 0.0 0.0 0.0 (0.0)
olvi4* 0.0 0.0 0.0 (0.0)
olvi4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 95.41 -0.97 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*lab 0.0 0.0 0.0
lab*lab 0.0 0.0 0.0
lab*lab 0.0 0.0 0.0
lab*lab 0.0 0.0 0.0
lab*lab 0.0 0.0 0.0
relative Natural Colour (NC)
lab*lab 1.0 0.0 0.0
lab*lab 0.0 0.0 0.0
lab*lab 0.0 0.0 0.0
lab*lab 0.0 0.0 0.0
lab*lab 0.0 0.0 0.0
lab*lab 0.0 0.0 0.0

relative Inform. Technology (IT)

olvi3* 0.75 0.75 0.75 (1.0)
olvi3* 0.25 0.25 0.25 (0.0)
olvi4* 1.0 1.0 1.0 (1.0)
olvi4* 0.0 0.0 0.0 (0.0)
olvi4* 0.0 0.0 0.0 (0.0)
olvi4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 76.06 -0.6 3.44
LAB*LAB 76.06 0.0 0.0
LAB*LAB 75.00 0.01 0.0

relative CIELAB lab*

lab*lab 0.881 -0.123 -0.216
lab*lab 0.875 0.25 0.656
lab*lab 0.875 0.25 0.656
lab*lab 0.875 0.25 0.656
lab*lab 0.875 0.25 0.656
lab*lab 0.875 0.25 0.656
relative Natural Colour (NC)
lab*lab 0.881 -0.123 -0.216
lab*lab 0.875 0.25 0.656
lab*lab 0.875 0.25 0.656
lab*lab 0.875 0.25 0.656
lab*lab 0.875 0.25 0.656
lab*lab 0.875 0.25 0.656

relative Inform. Technology (IT)

olvi3* 0.5 0.5 0.5 (1.0)
olvi3* 0.25 0.25 0.25 (0.0)
olvi4* 1.0 1.0 1.0 (1.0)
olvi4* 0.0 0.0 0.0 (0.0)
olvi4* 0.0 0.0 0.0 (0.0)
olvi4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 56.86 -8.01 -8.41
LAB*LAB 56.86 -7.58 -11.24
LAB*LAB 62.5 13.57 23.601

relative CIELAB lab*

lab*lab 0.631 -0.139 -0.206
lab*lab 0.625 0.25 0.656
lab*lab 0.625 0.25 0.656
lab*lab 0.625 0.25 0.656
lab*lab 0.625 0.25 0.656
lab*lab 0.625 0.25 0.656
relative Natural Colour (NC)
lab*lab 0.631 -0.139 -0.206
lab*lab 0.625 0.25 0.656
lab*lab 0.625 0.25 0.656
lab*lab 0.625 0.25 0.656
lab*lab 0.625 0.25 0.656
lab*lab 0.625 0.25 0.656

relative Inform. Technology (IT)

olvi3* 0.25 0.25 0.25 (1.0)
olvi3* 0.75 0.75 0.75 (0.0)
olvi4* 1.0 1.0 1.0 (1.0)
olvi4* 0.0 0.0 0.0 (0.0)
olvi4* 0.0 0.0 0.0 (0.0)
olvi4* 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 0.0

relative CIELAB lab*

lab*lab 0.381 -0.139 -0.206
lab*lab 0.375 0.25 0.656
lab*lab 0.375 0.25 0.656
lab*lab 0.375 0.25 0.656
lab*lab 0.375 0.25 0.656
lab*lab 0.375 0.25 0.656
relative Natural Colour (NC)
lab*lab 0.381 -0.139 -0.206
lab*lab 0.375 0.25 0.656
lab*lab 0.375 0.25 0.656
lab*lab 0.375 0.25 0.656
lab*lab 0.375 0.25 0.656
lab*lab 0.375 0.25 0.656

relative Inform. Technology (IT)

olvi3* 0.0 0.0 0.0 (1.0)
olvi3* 1.0 0.0 0.0 (0.0)
olvi4* 1.0 1.0 1.0 (1.0)
olvi4* 0.0 0.0 0.0 (0.0)
olvi4* 0.0 0.0 0.0 (0.0)
olvi4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 18.02 0.0 0.46
LAB*LAB 18.02 0.0 0.0
LAB*LAB 0.01 0.01 0.0

relative CIELAB lab*

lab*lab 0.131 -0.139 -0.206
lab*lab 0.125 0.25 0.656
lab*lab 0.125 0.25 0.656
lab*lab 0.125 0.25 0.656
lab*lab 0.125 0.25 0.656
lab*lab 0.125 0.25 0.656
relative Natural Colour (NC)
lab*lab 0.131 -0.139 -0.206
lab*lab 0.125 0.25 0.656
lab*lab 0.125 0.25 0.656
lab*lab 0.125 0.25 0.656
lab*lab 0.125 0.25 0.656
lab*lab 0.125 0.25 0.656

relative Inform. Technology (IT)

olvi3* 0.0 0.0 0.0 (1.0)
olvi3* 1.0 1.0 1.0 (0.0)
olvi4* 1.0 1.0 1.0 (1.0)
olvi4* 0.0 0.0 0.0 (0.0)
olvi4* 0.0 0.0 0.0 (0.0)
olvi4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 18.02 0.0 0.46
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*lab 0.0 0.0 0.0
lab*lab 0.0 0.0 0.0
lab*lab 0.0 0.0 0.0
lab*lab 0.0 0.0 0.0
lab*lab 0.0 0.0 0.0
relative Natural Colour (NC)
lab*lab 0.0 0.0 0.0
lab*lab 0.0 0.0 0.0
lab*lab 0.0 0.0 0.0
lab*lab 0.0 0.0 0.0
lab*lab 0.0 0.0 0.0
lab*lab 0.0 0.0 0.0

ORS18; adaptierte CIELAB-Daten

	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
OMa	47.94	65.37	50.52	82.62	38
YMa	90.37	-10.27	91.77	92.34	9

BAM-Registrierung: 20060101-TG55/10L/L55G04NP.PS/.PDF BAM-Material: Code=rha4ta
Anwendung für Beurteilung und Messung von Drucker- oder Monitorsystemen
/TG55/ Poms 5/10, Serie: 1/L, Seite: 5 Sequenz blume 5

Eingabe: Farbmetrisches Reflexions-System MRS18

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

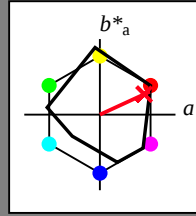
lab^*tch und lab^*nch

D65: Buntton R

LCH*Ma: 48 73 25

rgb*Ma: 1.0 0.0 0.1

Dreiecks-Helligkeit t^*



relative Inform. Technology (IT)

olvi3* 1.0 1.0 1.0 (1.0)
cmyn3* 0.0 0.0 0.0 (0.0)
olvi4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 95.41 -0.97 4.75
LAB*LABa 95.41 0.0 0.0
LAB*LABb 99.99 0.01 -

relative CIELAB lab*

lab*lab 1.0 0.0 0.0
lab*tch 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*tce 1.0 0.0 0.0
lab*nce 0.0 0.0 0.0

relative Inform. Technology (IT)

olvi3* 0.75 0.75 0.75 (1.0)
cmyn3* 0.25 0.25 0.25 (0.0)
olvi4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 76.06 -0.6 3.44
LAB*LABa 76.06 0.0 3.44
LAB*LABb 76.06 0.01 -

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*trj 0.75 0.0 0.0
lab*tce 0.75 0.0 0.0
lab*nce 0.0 0.0 0.0

relative Inform. Technology (IT)

olvi3* 0.5 0.5 0.5 (0.0)
cmyn3* 0.5 0.5 0.5 (0.0)
olvi4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 56.71 -0.23 2.14
LAB*LABa 56.71 0.0 2.14
LAB*LABb 56.71 0.01 -

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*trj 0.5 0.0 0.0
lab*tce 0.5 0.0 0.0
lab*nce 0.0 0.0 0.0

relative Inform. Technology (IT)

olvi3* 0.25 0.25 0.25 (1.0)
cmyn3* 0.75 0.75 0.75 (0.0)
olvi4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 37.36 0.3 0.63
LAB*LABa 37.36 0.0 0.63
LAB*LABb 37.36 0.01 -

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*trj 0.25 0.0 0.0
lab*tce 0.25 0.0 0.0
lab*nce 0.0 0.0 0.0

relative Inform. Technology (IT)

olvi3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 1.0 (0.0)
olvi4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 18.02 0.0 0.46
LAB*LABa 18.02 0.0 0.46
LAB*LABb 18.02 0.01 -

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

relative Inform. Technology (IT)

olvi3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 1.0 (0.0)
olvi4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 18.02 0.0 0.46
LAB*LABa 18.02 0.0 0.46
LAB*LABb 18.02 0.01 -

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

MRS18; adaptierte CIELAB-Daten

	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
RMa	49.63	66.96	38.37	77.18	30
JMa	90.7	-6.36	88.75	88.98	94
GMa	52.11	-69.73	9.44	70.37	172
G50BMa	45.03	-36.57	-28.47	46.36	218
BMa	36.65	23.19	-63.05	67.18	290
B50RMa	34.94	57.17	-44.26	72.31	322
NMa	18.01	0.0	0.0	0.0	0
WMa	95.41	0.0	0.0	0.0	0
RCIE	39.92	58.66	26.98	64.56	25
JCIE	81.26	-2.17	67.76	67.79	92
GCIE	52.23	-42.26	11.75	43.87	164
BCIE	30.57	1.15	-46.84	46.87	271

%Regularität

$g^*_{H,rel} = 41$

$g^*_{C,rel} = 52$

relative Inform. Technology (IT)

olvi3* 1.0 0.5 0.548 (1.0)
cmyn3* 0.0 0.5 0.548 (0.0)
olvi4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.5 0.548 (0.0)
standard and adapted CIELAB
LAB*LAB 71.8 32.47 18.34
LAB*LABa 71.8 33.0 15.17
LAB*LABb 71.8 36.32 24.7

relative CIELAB lab*

lab*lab 0.695 0.54 0.209
lab*tch 0.75 0.5 0.069
lab*nch 0.0 0.5 0.069
relative Natural Colour (NC)
lab*trj 0.695 0.5 0.0
lab*tce 0.75 0.5 1.0
lab*nce 0.0 0.5 0.999

relative Inform. Technology (IT)

olvi3* 0.75 0.25 0.258 (1.0)
cmyn3* 0.25 0.75 0.702 (0.0)
olvi4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.5 0.548 (0.0)
standard and adapted CIELAB
LAB*LAB 52.46 32.85 17.04
LAB*LABa 52.46 33.01 15.18
LAB*LABb 52.46 36.33 24.7

relative CIELAB lab*

lab*lab 0.445 0.54 0.209
lab*tch 0.5 0.5 0.069
lab*nch 0.0 0.5 0.069
relative Natural Colour (NC)
lab*trj 0.445 0.5 0.0
lab*tce 0.5 0.5 1.0
lab*nce 0.0 0.5 0.999

relative Inform. Technology (IT)

olvi3* 0.5 0.0 0.0 (1.0)
cmyn3* 0.5 0.0 0.0 (0.0)
olvi4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.5 0.548 (0.0)
standard and adapted CIELAB
LAB*LAB 40.66 49.57 23.94
LAB*LABa 40.66 49.5 22.77
LAB*LABb 40.66 51.54 24.7

relative CIELAB lab*

lab*lab 0.293 0.681 0.313
lab*tch 0.375 0.75 0.069
lab*nch 0.0 0.75 0.069
relative Natural Colour (NC)
lab*trj 0.293 0.75 0.0
lab*tce 0.375 0.75 1.0
lab*nce 0.0 0.75 1.000

relative Inform. Technology (IT)

olvi3* 0.25 0.0 0.0 (1.0)
cmyn3* 0.25 0.0 0.0 (0.0)
olvi4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.5 0.548 (0.0)
standard and adapted CIELAB
LAB*LAB 33.11 33.21 15.74
LAB*LABa 33.11 33.0 15.18
LAB*LABb 33.11 36.33 24.7

relative CIELAB lab*

lab*lab 0.195 0.54 0.209
lab*tch 0.25 0.5 0.069
lab*nch 0.0 0.5 0.069
relative Natural Colour (NC)
lab*trj 0.195 0.5 0.0
lab*tce 0.25 0.5 1.0
lab*nce 0.0 0.5 1.000

relative Inform. Technology (IT)

olvi3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 1.0 (0.0)
olvi4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.5 0.548 (0.0)
standard and adapted CIELAB
LAB*LAB 18.02 0.0 0.46
LAB*LABa 18.02 0.0 0.46
LAB*LABb 18.02 0.01 -

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

Ausgabe: Farbmetrisches Reflexions-System ORS18

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

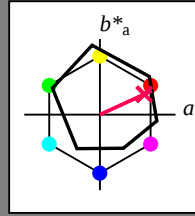
lab^*tch und lab^*nch

D65: Buntton R

LCH*Ma: 48 75 25

rgb*Ma: 1.0 0.0 0.32

Dreiecks-Helligkeit t^*



relative Inform. Technology (IT)

olvi3* 1.0 1.0 1.0 (1.0)
cmyn3* 0.0 0.0 0.0 (0.0)
olvi4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 95.41 -0.97 4.75
LAB*LABa 95.41 0.0 0.0
LAB*LABb 99.99 0.01 -

relative CIELAB lab*

lab*lab 1.0 0.0 0.0
lab*tch 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*tce 1.0 0.0 0.0
lab*nce 0.0 0.0 0.0

relative Inform. Technology (IT)

olvi3* 0.75 0.75 0.75 (1.0)
cmyn3* 0.25 0.25 0.25 (0.0)
olvi4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 76.06 -0.6 3.44
LAB*LABa 76.06 0.0 3.44
LAB*LABb 76.06 0.01 -

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*trj 0.75 0.0 0.0
lab*tce 0.75 0.0 0.0
lab*nce 0.0 0.0 0.0

relative Inform. Technology (IT)

olvi3* 0.5 0.5 0.5 (0.0)
cmyn3* 0.5 0.5 0.5 (0.0)
olvi4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 56.71 -0.23 2.14
LAB*LABa 56.71 0.0 2.14
LAB*LABb 56.71 0.01 -

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*trj 0.5 0.0 0.0
lab*tce 0.5 0.0 0.0
lab*nce 0.0 0.0 0.0

relative Inform. Technology (IT)

olvi3* 0.25 0.25 0.25 (1.0)
cmyn3* 0.75 0.75 0.75 (0.0)
olvi4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 37.36 0.3 0.63
LAB*LABa 37.36 0.0 0.63
LAB*LABb 37.36 0.01 -

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*trj 0.25 0.0 0.0
lab*tce 0.25 0.0 0.0
lab*nce 0.0 0.0 0.0

relative Inform. Technology (IT)

olvi3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 1.0 (0.0)
olvi4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 18.02 0.0 0.46
LAB*LABa 18.02 0.0 0.46
LAB*LABb 18.02 0.01 -

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

relative Inform. Technology (IT)

olvi3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 1.0 (0.0)
olvi4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 18.02 0.0 0.46
LAB*LABa 18.02 0.0 0.46
LAB*LABb 18.02 0.01 -

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*trj 0.0 0.0 0.0
lab*tce 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	$C^*_{ab,a}$	$h^*_{ab,a}$
OMa	47.94	65.37	50.52	82.62	38
YMa	90.37	-10.27	91.77	92.34	96
LMa	50.9	-62.79	34.95	71.87	151
CLMa	58.62	-30.35	-45.01	54.3	236
VMa	25.71	31.11	-44.42	54.24	305
MMa	48.13	75.27	-8.35	75.73	354
NMa	18.01	0.0	0.0	0.0	0
WMa	95.41	0.0	0.0	0.0	0
RCIE	39.92	58.66	26.98	64.56	25
JCIE	81.26	-2.17	67.76	67.79	92
GCIE	52.23	-42.26	11.75	43.87	164
BCIE	30.57	1.15	-46.84	46.87	271

%Regularität

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

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

relative Inform. Technology (IT)

olvi3* 1.0 0.5 0.661 (1.0)
cmyn3* 0.0 0.5 0.661 (0.0)
olvi4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.5 0.661 (0.0)
standard and adapted CIELAB
LAB*LAB 71.7 33.75 18.92
LAB*LABa 71.7 34.27 15.76
LAB*LABb 71.7 37.72 24.69

relative CIELAB lab*

lab*lab 0.694 0.54 0.209
lab*tch 0.75 0.5 0.069
lab*nch 0.0 0.5 0.069
relative Natural Colour (NC)
lab*trj 0.694 0.5 0.0
lab*tce 0.75 0.5 1.0
lab*nce 0.0 0.5 0.999

relative Inform. Technology (IT)

olvi3* 0.75 0.25 0.258 (1.0)
cmyn3* 0.25 0.75 0.589 (0.0)
olvi4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.5 0.548 (0.0)
standard and adapted CIELAB
LAB*LAB 52.36 34.13 17.62
LAB*LABa 52.36 34.28 15.77
LAB*LABb 52.36 37.73 24.7

relative CIELAB lab*

lab*lab 0.444 0.54 0.209
lab*tch 0.5 0.5 0.069
lab*nch 0.0 0.5 0.069
relative Natural Colour (NC)
lab*trj 0.444 0.5 0.0
lab*tce 0.5 0.5 1.0
lab*nce 0.0 0.5 0.999

relative Inform. Technology (IT)

olvi3* 0.5 0.0 0.0 (1.0)
cmyn3* 0.5 0.0 0.0 (0.0)
olvi4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.5 0.548 (0.0)
standard and adapted CIELAB
LAB*LAB 40.66 49.57 23.94
LAB*LABa 40.66 49.5 22.77
LAB*LABb 40.66 51.54 24.7

relative CIELAB lab*

lab*lab 0.293 0.681 0.313
lab*tch 0.375 0.75 0.069
lab*nch 0.0 0.75 0.069
relative Natural Colour (NC)
lab*trj 0.293 0.75 0.0
lab*tce 0.375 0.75 1.0
lab*nce 0.0 0.75 1.000

relative Inform. Technology (IT)

olvi3* 0.25 0.0 0.0 (1.0)
cmyn3* 0.25 0.0 0.0 (0.0)
olvi4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.5 0.548 (0.0)
standard and adapted CIELAB
LAB*LAB 33.11 33.21 15.74
LAB*LABa 33.11 33.0 15.18
LAB*LABb 33.11 36.33 24.7

relative CIELAB lab*

lab*lab 0.194 0.54 0.209
lab*tch 0.25 0.5 0.069
lab*nch 0.0 0.5 0.069
relative Natural Colour (NC)
lab*trj 0.194 0.5 0.0
lab*tce 0.25 0.5 1.0
lab*nce 0.0 0.5 1.000

relative Inform. Technology (IT)

olvi3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 1.0 (0.0)
olvi4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.5 0.548 (0.0)
standard and adapted CIELAB
LAB*LAB 18.02 0.0 0.46
LAB*LABa 18.02 0.0 0.46
LAB*LABb 18.02 0.01 -

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

TG55-7, 5 stufige Reihen für konstanten CIELAB Buntton 25/360 = 0.069 (links)

Eingabe: Farbmetrisches Reflexions-System MRS18

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

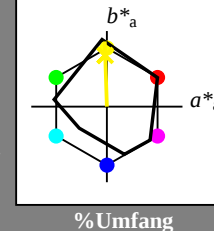
lab^*ch und lab^*nch

D65: Buntton J

LCH*Ma: 89 86 92

rgb*Ma: 1.0 0.95 0.0

Dreiecks-Helligkeit t^*



relative Inform. Technology (IT)
olvi3* 1.0 1.0 1.0 (1.0)
cmyn3* 0.0 0.0 0.0 (0.0)
olvi4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 95.41 -0.97 4.75
LAB*LABa 95.41 0.0 0.0
LAB*TCHa 99.99 0.01 -

relative Inform. Technology (IT)
olvi3* 1.0 0.988 0.75 (1.0)
cmyn3* 0.0 0.012 0.25 (0.0)
olvi4* 1.0 0.988 0.75 (1.0)
cmyn4* 0.0 0.012 0.25 (0.0)
standard and adapted CIELAB
LAB*LAB 93.72 -1.64 26.21
LAB*LABa 93.72 -0.69 21.57
LAB*TCHa 97.5 21.58 91.86

relative Inform. Technology (IT)
olvi3* 1.0 0.978 0.75 (1.0)
cmyn3* 0.0 0.022 0.25 (0.0)
olvi4* 1.0 0.978 0.75 (1.0)
cmyn4* 0.0 0.022 0.25 (0.0)
standard and adapted CIELAB
LAB*LAB 92.04 -2.3 47.67
LAB*LABa 92.04 -1.39 43.14
LAB*TCHa 75.0 43.16 91.85

relative Inform. Technology (IT)
olvi3* 1.0 0.963 0.75 (1.0)
cmyn3* 0.0 0.037 0.25 (0.0)
olvi4* 1.0 0.963 0.75 (1.0)
cmyn4* 0.0 0.037 0.25 (0.0)
standard and adapted CIELAB
LAB*LAB 90.36 -2.96 69.13
LAB*LABa 90.36 -2.08 64.71
LAB*TCHa 62.5 64.74 91.85

relative Inform. Technology (IT)
olvi3* 1.0 0.951 0.75 (1.0)
cmyn3* 0.0 0.049 0.1 (0.0)
olvi4* 1.0 0.951 0.75 (1.0)
cmyn4* 0.0 0.049 0.1 (0.0)
standard and adapted CIELAB
LAB*LAB 88.68 -3.62 90.58
LAB*LABa 88.68 -2.77 86.27
LAB*TCHa 50.0 86.32 91.85

relative Inform. Technology (IT)
olvi3* 1.0 0.939 0.75 (1.0)
cmyn3* 0.0 0.061 0.1 (0.0)
olvi4* 1.0 0.939 0.75 (1.0)
cmyn4* 0.0 0.061 0.1 (0.0)
standard and adapted CIELAB
LAB*LAB 86.19 -4.38 91.85
LAB*LABa 86.19 -3.82 87.69
LAB*TCHa 50.0 87.73 91.85

relative Inform. Technology (IT)
olvi3* 1.0 0.926 0.75 (1.0)
cmyn3* 0.0 0.074 0.1 (0.0)
olvi4* 1.0 0.926 0.75 (1.0)
cmyn4* 0.0 0.074 0.1 (0.0)
standard and adapted CIELAB
LAB*LAB 84.89 -5.25 91.83
LAB*LABa 84.89 -4.44 83.19
LAB*TCHa 50.0 83.25 91.83

relative Inform. Technology (IT)
olvi3* 1.0 0.911 0.75 (1.0)
cmyn3* 0.0 0.089 0.1 (0.0)
olvi4* 1.0 0.911 0.75 (1.0)
cmyn4* 0.0 0.089 0.1 (0.0)
standard and adapted CIELAB
LAB*LAB 83.25 -6.12 91.83
LAB*LABa 83.25 -5.25 79.06
LAB*TCHa 50.0 79.13 91.83

relative Inform. Technology (IT)
olvi3* 1.0 0.896 0.75 (1.0)
cmyn3* 0.0 0.101 0.1 (0.0)
olvi4* 1.0 0.896 0.75 (1.0)
cmyn4* 0.0 0.101 0.1 (0.0)
standard and adapted CIELAB
LAB*LAB 81.71 -7.00 91.83
LAB*LABa 81.71 -6.12 70.06
LAB*TCHa 50.0 70.13 91.83

relative Inform. Technology (IT)
olvi3* 1.0 0.881 0.75 (1.0)
cmyn3* 0.0 0.113 0.1 (0.0)
olvi4* 1.0 0.881 0.75 (1.0)
cmyn4* 0.0 0.113 0.1 (0.0)
standard and adapted CIELAB
LAB*LAB 80.18 -7.88 91.83
LAB*LABa 80.18 -6.99 60.06
LAB*TCHa 50.0 60.13 91.83

relative Inform. Technology (IT)
olvi3* 1.0 0.875 0.75 (1.0)
cmyn3* 0.0 0.125 0.1 (0.0)
olvi4* 1.0 0.875 0.75 (1.0)
cmyn4* 0.0 0.125 0.1 (0.0)
standard and adapted CIELAB
LAB*LAB 78.66 -8.75 91.83
LAB*LABa 78.66 -7.88 50.01
LAB*TCHa 50.0 50.01 -

relative Inform. Technology (IT)
olvi3* 1.0 0.862 0.75 (1.0)
cmyn3* 0.0 0.138 0.1 (0.0)
olvi4* 1.0 0.862 0.75 (1.0)
cmyn4* 0.0 0.138 0.1 (0.0)
standard and adapted CIELAB
LAB*LAB 76.96 -9.63 91.83
LAB*LABa 76.96 -8.75 40.01
LAB*TCHa 50.0 40.01 -

relative Inform. Technology (IT)
olvi3* 1.0 0.849 0.75 (1.0)
cmyn3* 0.0 0.150 0.1 (0.0)
olvi4* 1.0 0.849 0.75 (1.0)
cmyn4* 0.0 0.150 0.1 (0.0)
standard and adapted CIELAB
LAB*LAB 75.38 -10.50 91.83
LAB*LABa 75.38 -9.63 30.01
LAB*TCHa 50.0 30.01 -

relative Inform. Technology (IT)
olvi3* 1.0 0.836 0.75 (1.0)
cmyn3* 0.0 0.163 0.1 (0.0)
olvi4* 1.0 0.836 0.75 (1.0)
cmyn4* 0.0 0.163 0.1 (0.0)
standard and adapted CIELAB
LAB*LAB 73.81 -11.38 91.83
LAB*LABa 73.81 -10.50 20.01
LAB*TCHa 50.0 20.01 -

relative Inform. Technology (IT)
olvi3* 1.0 0.823 0.75 (1.0)
cmyn3* 0.0 0.175 0.1 (0.0)
olvi4* 1.0 0.823 0.75 (1.0)
cmyn4* 0.0 0.175 0.1 (0.0)
standard and adapted CIELAB
LAB*LAB 72.24 -12.25 91.83
LAB*LABa 72.24 -11.38 10.01
LAB*TCHa 50.0 10.01 -

relative Inform. Technology (IT)
olvi3* 1.0 0.810 0.75 (1.0)
cmyn3* 0.0 0.188 0.1 (0.0)
olvi4* 1.0 0.810 0.75 (1.0)
cmyn4* 0.0 0.188 0.1 (0.0)
standard and adapted CIELAB
LAB*LAB 70.67 -13.13 91.83
LAB*LABa 70.67 -12.25 0.01
LAB*TCHa 50.0 0.01 -

relative Inform. Technology (IT)
olvi3* 1.0 0.797 0.75 (1.0)
cmyn3* 0.0 0.200 0.1 (0.0)
olvi4* 1.0 0.797 0.75 (1.0)
cmyn4* 0.0 0.200 0.1 (0.0)
standard and adapted CIELAB
LAB*LAB 69.10 -14.00 91.83
LAB*LABa 69.10 -13.13 -9.01
LAB*TCHa 50.0 -9.01 -

relative Inform. Technology (IT)
olvi3* 1.0 0.784 0.75 (1.0)
cmyn3* 0.0 0.213 0.1 (0.0)
olvi4* 1.0 0.784 0.75 (1.0)
cmyn4* 0.0 0.213 0.1 (0.0)
standard and adapted CIELAB
LAB*LAB 67.53 -14.88 91.83
LAB*LABa 67.53 -14.00 -19.01
LAB*TCHa 50.0 -19.01 -

relative Inform. Technology (IT)
olvi3* 1.0 0.771 0.75 (1.0)
cmyn3* 0.0 0.225 0.1 (0.0)
olvi4* 1.0 0.771 0.75 (1.0)
cmyn4* 0.0 0.225 0.1 (0.0)
standard and adapted CIELAB
LAB*LAB 65.96 -15.75 91.83
LAB*LABa 65.96 -14.88 -29.01
LAB*TCHa 50.0 -29.01 -

relative Inform. Technology (IT)
olvi3* 1.0 0.758 0.75 (1.0)
cmyn3* 0.0 0.238 0.1 (0.0)
olvi4* 1.0 0.758 0.75 (1.0)
cmyn4* 0.0 0.238 0.1 (0.0)
standard and adapted CIELAB
LAB*LAB 64.39 -16.63 91.83
LAB*LABa 64.39 -15.75 -39.01
LAB*TCHa 50.0 -39.01 -

relative Inform. Technology (IT)
olvi3* 1.0 0.745 0.75 (1.0)
cmyn3* 0.0 0.250 0.1 (0.0)
olvi4* 1.0 0.745 0.75 (1.0)
cmyn4* 0.0 0.250 0.1 (0.0)
standard and adapted CIELAB
LAB*LAB 62.82 -17.50 91.83
LAB*LABa 62.82 -16.63 -49.01
LAB*TCHa 50.0 -49.01 -

relative Inform. Technology (IT)
olvi3* 1.0 0.732 0.75 (1.0)
cmyn3* 0.0 0.263 0.1 (0.0)
olvi4* 1.0 0.732 0.75 (1.0)
cmyn4* 0.0 0.263 0.1 (0.0)
standard and adapted CIELAB
LAB*LAB 61.25 -18.38 91.83
LAB*LABa 61.25 -17.50 -59.01
LAB*TCHa 50.0 -59.01 -

relative Inform. Technology (IT)
olvi3* 1.0 0.719 0.75 (1.0)
cmyn3* 0.0 0.275 0.1 (0.0)
olvi4* 1.0 0.719 0.75 (1.0)
cmyn4* 0.0 0.275 0.1 (0.0)
standard and adapted CIELAB
LAB*LAB 59.68 -19.25 91.83
LAB*LABa 59.68 -18.38 -69.01
LAB*TCHa 50.0 -69.01 -

relative Inform. Technology (IT)
olvi3* 1.0 0.706 0.75 (1.0)
cmyn3* 0.0 0.288 0.1 (0.0)
olvi4* 1.0 0.706 0.75 (1.0)
cmyn4* 0.0 0.288 0.1 (0.0)
standard and adapted CIELAB
LAB*LAB 58.11 -20.13 91.83
LAB*LABa 58.11 -19.25 -79.01
LAB*TCHa 50.0 -79.01 -

relative Inform. Technology (IT)
olvi3* 1.0 0.693 0.75 (1.0)
cmyn3* 0.0 0.300 0.1 (0.0)
olvi4* 1.0 0.693 0.75 (1.0)
cmyn4* 0.0 0.300 0.1 (0.0)
standard and adapted CIELAB
LAB*LAB 56.54 -21.00 91.83
LAB*LABa 56.54 -20.13 -89.01
LAB*TCHa 50.0 -89.01 -

relative Inform. Technology (IT)
olvi3* 1.0 0.680 0.75 (1.0)
cmyn3* 0.0 0.313 0.1 (0.0)
olvi4* 1.0 0.680 0.75 (1.0)
cmyn4* 0.0 0.313 0.1 (0.0)
standard and adapted CIELAB
LAB*LAB 54.97 -21.88 91.83
LAB*LABa 54.97 -21.00 -99.01
LAB*TCHa 50.0 -99.01 -

relative Inform. Technology (IT)
olvi3* 1.0 0.667 0.75 (1.0)
cmyn3* 0.0 0.325 0.1 (0.0)
olvi4* 1.0 0.667 0.75 (1.0)
cmyn4* 0.0 0.325 0.1 (0.0)
standard and adapted CIELAB
LAB*LAB 53.40 -22.75 91.83
LAB*LABa 53.40 -21.88 -109.01
LAB*TCHa 50.0 -109.01 -

relative Inform. Technology (IT)
olvi3* 1.0 0.654 0.75 (1.0)
cmyn3* 0.0 0.338 0.1 (0.0)
olvi4* 1.0 0.654 0.75 (1.0)
cmyn4* 0.0 0.338 0.1 (0.0)
standard and adapted CIELAB
LAB*LAB 51.83 -23.63 91.83
LAB*LABa 51.83 -22.75 -119.01
LAB*TCHa 50.0 -119.01 -

relative Inform. Technology (IT)
olvi3* 1.0 0.641 0.75 (1.0)
cmyn3* 0.0 0.350 0.1 (0.0)
olvi4* 1.0 0.641 0.75 (1.0)
cmyn4* 0.0 0.350 0.1 (0.0)
standard and adapted CIELAB
LAB*LAB 50.26 -24.50 91.83
LAB*LABa 50.26 -23.63 -129.01
LAB*TCHa 50.0 -129.01 -

relative Inform. Technology (IT)
olvi3* 1.0 0.628 0.75 (1.0)
cmyn3* 0.0 0.363 0.1 (0.0)
olvi4* 1.0 0.628 0.75 (1.0)
cmyn4* 0.0 0.363 0.1 (0.0)
standard and adapted CIELAB
LAB*LAB 48.69 -25.38 91.83
LAB*LABa 48.69 -24.50 -139.01
LAB*TCHa 50.0 -139.01 -

relative Inform. Technology (IT)
olvi3* 1.0 0.615 0.75 (1.0)
cmyn3* 0.0 0.375 0.1 (0.0)
olvi4* 1.0 0.615 0.75 (1.0)
cmyn4* 0.0 0.375 0.1 (0.0)
standard and adapted CIELAB
LAB*LAB 47.12 -26.25 91.83
LAB*LABa 47.12 -25.38 -149.01
LAB*TCHa 50.0 -149.01 -

relative Inform. Technology (IT)
olvi3* 1.0 0.602 0.75 (1.0)
cmyn3* 0.0 0.388 0.1 (0.0)
olvi4* 1.0 0.602 0.75 (1.0)
cmyn4* 0.0 0.388 0.1 (0.0)
standard and adapted CIELAB
LAB*LAB 45.55 -27.13 91.83
LAB*LABa 45.55 -26.25 -159.01
LAB*TCHa 50.0 -159.01 -

relative Inform. Technology (IT)
olvi3* 1.0 0.589 0.75 (1.0)
cmyn3* 0.0 0.400 0.1 (0.0)
olvi4* 1.0 0.589 0.75 (1.0)
cmyn4* 0.0 0.400 0.1 (0.0)
standard and adapted CIELAB
LAB*LAB 43.98 -28.00 91.83
LAB*LABa 43.98 -27.13 -169.01
LAB*TCHa 50.0 -169.01 -

relative Inform. Technology (IT)
olvi3* 1.0 0.576 0.75 (1.0)
cmyn3* 0.0 0.413 0.1 (0.0)
olvi4* 1.0 0.576 0.75 (1.0)
cmyn4* 0.0 0.413 0.1 (0.0)
standard and adapted CIELAB
LAB*LAB 42.41 -28.88 91.83
LAB*LABa 42.41 -28.00 -179.01
LAB*TCHa 50.0 -179.01 -

relative Inform. Technology (IT)
olvi3* 1.0 0.563 0.75 (1.0)
cmyn3* 0.0 0.425 0.1 (0.0)
olvi4* 1.0 0.563 0.75 (1.0)
cmyn4* 0.0 0.425 0.1 (0.0)
standard and adapted CIELAB
LAB*LAB 40.84 -29.75 91.83
LAB*LABa 40.84 -28.88 -189.01
LAB*TCHa 50.0 -189.01 -

relative Inform. Technology (IT)
olvi3* 1.0 0.550 0.75 (1.0)
cmyn3* 0.0 0.438 0.1 (0.0)
olvi4* 1.0 0.550 0.75 (1.0)
cmyn4* 0.0 0.438 0.1 (0.0)
standard and adapted CIELAB
LAB*LAB 39.27 -30.63 91.83
LAB*LABa 39.27 -29.75 -199.01
LAB*TCHa 50.0 -199.01 -

relative Inform. Technology (IT)
olvi3* 1.0 0.537 0.75 (1.0)
cmyn3* 0.0 0.450 0.1 (0.0)
olvi4* 1.0 0.537 0.75 (1.0)
cmyn4* 0.0 0.450 0.1 (0.0)
standard and adapted CIELAB
LAB*LAB 37.70 -31.50 91.83
LAB*LABa 37.70 -30.63 -209.01
LAB*TCHa 50.0 -209.01 -

relative Inform. Technology (IT)
olvi3* 1.0 0.524 0.75 (1.0)
cmyn3* 0.0 0.463 0.1 (0.0)
olvi4* 1.0 0.524 0.75 (1.0)
cmyn4* 0.0 0.463 0.1 (0.0)
standard and adapted CIELAB
LAB*LAB 36.13 -32.38 91.83
LAB*LABa 36.13 -31.50 -219.01
LAB*TCHa 50.0 -219.01 -

relative Inform. Technology (IT)
olvi3* 1.0 0.511 0.75 (1.0)
cmyn3* 0.0 0.475 0.1 (0.0)
olvi4* 1.0 0.511 0.75 (1.0)
cmyn4* 0.0 0.475 0.1 (0.0)
standard and adapted CIELAB
LAB*LAB 34.56 -33.25 91.83
LAB*LABa 34.56 -32.38 -229.01
LAB*TCHa 50.0 -229.01 -

relative Inform. Technology (IT)
olvi3* 1.0 0.498 0.75 (1.0)
cmyn3* 0.0 0.488 0.1 (0.0)
olvi4* 1.0 0.498 0.75 (1.0)
cmyn4* 0.0 0.488 0.1 (0.0)
standard and adapted CIELAB
LAB*LAB 32.99 -34.13 91.83
LAB*LABa 32.99 -33.25 -239.01
LAB*TCHa 50.0 -239.01 -

relative Inform. Technology (IT)
olvi3* 1.0 0.485 0.75 (1.0)
cmyn3* 0.0 0.500 0.1 (0.0)
olvi4* 1.0 0.485 0.75 (1.0)
cmyn4* 0.0 0.500 0.1 (0.0)
standard and adapted CIELAB
LAB*LAB 31.42 -35.00 91.83
LAB*LABa 31.42 -34.13 -249.01
LAB*TCHa 50.0 -249.01 -

relative Inform. Technology (IT)
olvi3* 1.0 0.472 0.75 (1.0)
cmyn3* 0.0 0.513 0.1 (0.0)
olvi4* 1.0 0.472 0.75 (1.0)
cmyn4* 0.0 0.513 0.1 (0.0)
standard and adapted CIELAB
LAB*LAB 29.85 -35.88 91.83
LAB*LABa 29.85 -35.00 -259.01
LAB*TCHa 50.0 -259.01 -

relative Inform. Technology (IT)
olvi3* 1.0 0.459 0.75 (1.0)
cmyn3* 0.0 0.525 0.1 (0.0)
olvi4* 1.0 0.459 0.75 (1.0)
cmyn4* 0.0 0.525 0.1 (0.0)
standard and adapted CIELAB
LAB*LAB 28.28 -36.75 91.83
LAB*LABa 28.28 -35.88 -269.01
LAB*TCHa 50.0 -269.01 -

relative Inform. Technology (IT)
olvi3* 1.0 0.446 0.75 (1.0)
cmyn3* 0.0 0.538 0.1 (0.0)
olvi4* 1.0 0.446 0.75 (1.0)
cmyn4* 0.0 0.538 0.1 (0.0)
standard and adapted CIELAB
LAB*LAB 26.71 -37.63 91.83
LAB*LABa 26.71 -36.75 -279.01
LAB*TCHa 50.0 -279.01 -

relative Inform. Technology (IT)
olvi3* 1.0 0.433 0.75 (1.0)
cmyn3* 0.0 0.550 0.1 (0.0)
olvi4* 1.0 0.433 0.75 (1.0)
cmyn4* 0.0 0.550 0.1 (0.0)
standard and adapted CIELAB
LAB*LAB 25.14 -38.50 91.83
LAB*LABa 25.14 -37.63 -289.01
LAB*TCHa 50.0 -289.01 -

relative Inform. Technology (IT)
olvi3* 1.0 0.420 0.75 (1.0)
cmyn3* 0.0 0.563 0.1 (0.0)
olvi4* 1.0 0.420 0.75 (1.0)
cmyn4* 0.0 0.563 0.1 (0.0)
standard and adapted CIELAB
LAB*LAB 23.57 -39.38 91.83
LAB*LABa 23.57 -38.50 -299.01
LAB*TCHa 50.0 -299.01 -

relative Inform. Technology (IT)
olvi3* 1.0 0.407 0.75 (1.0)
cmyn3* 0.0 0.575 0.1 (0.0)
olvi4* 1.0 0.407 0.75 (1.0)
cmyn4* 0.0 0.575 0.1 (0.0)
standard and adapted CIELAB
LAB*LAB 22.00 -40.25 91.83
LAB*LABa 22.00 -39.38 -309.01
LAB*TCHa 50.0 -309.01 -

relative Inform. Technology (IT)
olvi3* 1.0 0.394 0.75 (1.0)
cmyn3* 0.0 0.588 0.1 (0.0)
olvi4* 1.0 0.394 0.75 (1.0)
cmyn4* 0.0 0.588 0.1 (0.0)
standard and adapted CIELAB
LAB*LAB 20.43 -41.13 91.83
LAB*LABa 20.43 -40.25 -319.01
LAB*TCHa 50.0 -319.01 -

relative Inform. Technology (IT)
olvi3* 1.0 0.381 0.75 (1.0)
cmyn3* 0.0 0.600 0.1 (0.0)
olvi4* 1.0 0.381 0.75 (1.0)
cmyn4* 0.0 0.600 0.1 (0.0)
standard and adapted CIELAB
LAB*LAB 18.86 -42.00 91.83
LAB*LABa 18.86 -41.13 -329.01
LAB*TCHa 50.0 -329.01 -

relative Inform. Technology (IT)
olvi3* 1.0 0.368 0.75 (1.0)
cmyn3* 0.0 0.613 0.1 (0.0)
olvi4* 1.0 0.368 0.75 (1.0)
cmyn4* 0.0 0.613 0.1 (0.0)
standard and adapted CIELAB
LAB*LAB 17.29 -42.88 91.83
LAB*LABa 17.29 -42.00 -339.01
LAB*TCHa 50.0 -339.01 -

relative Inform. Technology (IT)
olvi3* 1.0 0.355 0.75 (1.0)
cmyn3* 0.0 0.625 0.1 (0.0)
olvi4* 1.0 0.355 0.75 (1.0)
cmyn4* 0.0 0.625 0.1 (0.0)
standard and adapted CIELAB
LAB*LAB 15.72 -43.75 91.83
LAB*LABa 15.72 -42.88 -349.01
LAB*TCHa 50.0 -349.01 -

relative Inform. Technology (IT)
olvi3* 1.0 0.342 0.75 (1.0)
cmyn3* 0.0 0.638 0.1 (0.0)
olvi4* 1.0 0.342 0.75 (1.0)
cmyn4* 0.0 0.638 0.1 (0.0)
standard and adapted CIELAB
LAB*LAB 14.15 -44.63 91.83
LAB*LABa 14.15 -43.75 -359.01
LAB*TCHa 50.0 -359.01 -

relative Inform. Technology (IT)
olvi3* 1.0 0.329 0.75 (1.0)
cmyn3* 0.0 0.650 0.1 (0.0)
olvi4* 1.0 0.329 0.75 (1.0)
cmyn4* 0.0 0.650 0.1 (0.0)
standard and adapted CIELAB
LAB*LAB 12.58 -45.50 91.83
LAB*LABa 12.58 -44.63 -369.01
LAB*TCHa 50.0 -369.01 -

relative Inform. Technology (IT)
olvi3* 1.0 0.316 0.75 (1.0)
cmyn3* 0.0 0.663 0.1 (0.0)
olvi4* 1.0 0.316 0.75 (1.0)
cmyn4* 0.0 0.663 0.1 (0.0)
standard and adapted CIELAB
LAB*LAB 11.01 -46.38 91.83
LAB*LABa 11.01 -45.50 -379.01
LAB*TCHa 50.0 -379.01 -

relative Inform. Technology (IT)
olvi3* 1.0 0.3

Eingabe: Farbmetrisches Reflexions-System MRS18

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

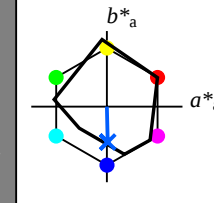
lab^*ich und lab^*nch

D65: Buntton B

LCH*Ma: 40 50 271

rgb*Ma: 0.0 0.37 1.0

Dreiecks-Helligkeit t^*



%Umfang

$u^*_{rel} = 91$

relative Inform. Technology (IT)
olvi3* 1.0 1.0 1.0 (1.0)
olvi3* 0.0 0.0 0.0 (0.0)
olvi4* 1.0 1.0 1.0 (1.0)
olvi4* 0.0 0.0 0.0 (0.0)
olvi4* 0.0 0.0 0.0 (0.0)
olvi4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 95.41 -0.97 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*lab 0.0 0.0 0.0
lab*lab 0.0 0.0 0.0
lab*lab 0.0 0.0 0.0
relative Natural Colour (NC)
lab*lab 1.0 0.0 0.0
lab*lab 0.0 0.0 0.0
lab*lab 0.0 0.0 0.0
lab*lab 0.0 0.0 0.0

relative Inform. Technology (IT)
olvi3* 0.75 0.75 0.75 (1.0)
olvi3* 0.25 0.25 0.25 (0.0)
olvi4* 1.0 1.0 1.0 (1.0)
olvi4* 0.0 0.0 0.0 (0.0)
olvi4* 0.0 0.0 0.0 (0.0)
olvi4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 76.06 -0.6 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 0.75 0.75 (1.0)
lab*lab 0.25 0.25 0.25 (0.0)
lab*lab 0.75 0.75 0.75 (1.0)
lab*lab 0.25 0.25 0.25 (0.0)
relative Natural Colour (NC)
lab*lab 0.75 0.75 0.75 (1.0)
lab*lab 0.25 0.25 0.25 (0.0)
lab*lab 0.75 0.75 0.75 (1.0)
lab*lab 0.25 0.25 0.25 (0.0)

relative Inform. Technology (IT)
olvi3* 0.5 0.5 0.5 (0.0)
olvi3* 0.5 0.5 0.5 (0.0)
olvi4* 1.0 1.0 1.0 (1.0)
olvi4* 0.0 0.0 0.0 (0.0)
olvi4* 0.0 0.0 0.0 (0.0)
olvi4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 56.71 -0.23 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 0.5 0.5 (0.0)
lab*lab 0.5 0.5 0.5 (0.0)
lab*lab 0.5 0.5 0.5 (0.0)
lab*lab 0.5 0.5 0.5 (0.0)
relative Natural Colour (NC)
lab*lab 0.5 0.5 0.5 (0.0)
lab*lab 0.5 0.5 0.5 (0.0)
lab*lab 0.5 0.5 0.5 (0.0)
lab*lab 0.5 0.5 0.5 (0.0)

relative Inform. Technology (IT)
olvi3* 0.25 0.25 0.25 (0.0)
olvi3* 0.75 0.75 0.75 (1.0)
olvi4* 1.0 1.0 1.0 (1.0)
olvi4* 0.0 0.0 0.0 (0.0)
olvi4* 0.0 0.0 0.0 (0.0)
olvi4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 37.36 -0.38 0.63
LAB*LAB 37.36 0.0 0.0
LAB*LAB 25.00 0.01 0.0

relative CIELAB lab*
lab*lab 0.25 0.25 0.25 (0.0)
lab*lab 0.75 0.75 0.75 (1.0)
lab*lab 0.25 0.25 0.25 (0.0)
lab*lab 0.75 0.75 0.75 (1.0)
relative Natural Colour (NC)
lab*lab 0.25 0.25 0.25 (0.0)
lab*lab 0.75 0.75 0.75 (1.0)
lab*lab 0.25 0.25 0.25 (0.0)
lab*lab 0.75 0.75 0.75 (1.0)

relative Inform. Technology (IT)
olvi3* 0.0 0.0 0.0 (0.0)
olvi3* 1.0 1.0 1.0 (1.0)
olvi4* 1.0 1.0 1.0 (1.0)
olvi4* 0.0 0.0 0.0 (0.0)
olvi4* 0.0 0.0 0.0 (0.0)
olvi4* 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 (0.0)
lab*lab 1.0 1.0 1.0 (1.0)
lab*lab 0.0 0.0 0.0 (0.0)
lab*lab 1.0 1.0 1.0 (1.0)
relative Natural Colour (NC)
lab*lab 0.0 0.0 0.0 (0.0)
lab*lab 1.0 1.0 1.0 (1.0)
lab*lab 0.0 0.0 0.0 (0.0)
lab*lab 1.0 1.0 1.0 (1.0)

$n^* = 1.0$

MRS18; adaptierte CIELAB-Daten

	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
RMa	49.63	66.96	38.37	77.18	30
JMa	90.7	-6.36	88.75	88.98	94
GMa	52.11	-69.73	9.44	70.37	172
G50BMa	45.03	-36.57	-28.47	46.36	218
BMa	36.65	23.19	-63.05	67.18	290
B50RMa	34.94	57.17	-44.26	72.31	322
NMa	18.01	0.0	0.0	0.0	0
WMa	95.41	0.0	0.0	0.0	0
RCIE	39.92	58.66	26.98	64.56	25
JCIE	81.26	-2.17	67.76	67.79	92
GCIE	52.23	-42.26	11.75	43.87	164
BCIE	30.57	1.15	-46.84	46.87	271

%Regularität

$g^*_{H,rel} = 41$

$g^*_{C,rel} = 52$

relative Inform. Technology (IT)
olvi3* 0.5 0.5 0.5 (0.0)
olvi3* 0.5 0.5 0.5 (0.0)
olvi4* 1.0 1.0 1.0 (1.0)
olvi4* 0.0 0.0 0.0 (0.0)
olvi4* 0.0 0.0 0.0 (0.0)
olvi4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 67.57 0.17 -22.28
LAB*LAB 67.57 0.17 -22.28
LAB*LAB 75.00 0.01 0.0

relative CIELAB lab*
lab*lab 0.64 0.012 -0.499
lab*lab 0.75 0.5 0.754
lab*lab 0.0 0.5 0.754
lab*lab 0.0 0.5 0.754
relative Natural Colour (NC)
lab*lab 0.64 0.012 -0.499
lab*lab 0.75 0.5 0.754
lab*lab 0.0 0.5 0.754
lab*lab 0.0 0.5 0.754

relative Inform. Technology (IT)
olvi3* 0.25 0.25 0.25 (0.0)
olvi3* 0.75 0.75 0.75 (1.0)
olvi4* 1.0 1.0 1.0 (1.0)
olvi4* 0.0 0.0 0.0 (0.0)
olvi4* 0.0 0.0 0.0 (0.0)
olvi4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 48.22 0.54 -23.59
LAB*LAB 48.22 0.54 -23.59
LAB*LAB 50.00 0.01 0.0

relative CIELAB lab*
lab*lab 0.46 0.018 -0.749
lab*lab 0.625 0.75 0.754
lab*lab 0.0 0.75 0.754
lab*lab 0.0 0.75 0.754
relative Natural Colour (NC)
lab*lab 0.46 0.018 -0.749
lab*lab 0.625 0.75 0.754
lab*lab 0.0 0.75 0.754
lab*lab 0.0 0.75 0.754

relative Inform. Technology (IT)
olvi3* 0.0 0.0 0.0 (0.0)
olvi3* 1.0 1.0 1.0 (1.0)
olvi4* 1.0 1.0 1.0 (1.0)
olvi4* 0.0 0.0 0.0 (0.0)
olvi4* 0.0 0.0 0.0 (0.0)
olvi4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 28.87 0.62 -25.16
LAB*LAB 28.87 0.62 -25.16
LAB*LAB 25.01 0.01 0.0

relative CIELAB lab*
lab*lab 0.211 0.018 -0.749
lab*lab 0.375 0.75 0.754
lab*lab 0.25 0.75 0.754
lab*lab 0.25 0.75 0.754
relative Natural Colour (NC)
lab*lab 0.211 0.018 -0.749
lab*lab 0.375 0.75 0.754
lab*lab 0.25 0.75 0.754
lab*lab 0.25 0.75 0.754

relative Inform. Technology (IT)
olvi3* 0.0 0.0 0.0 (0.0)
olvi3* 1.0 1.0 1.0 (1.0)
olvi4* 1.0 1.0 1.0 (1.0)
olvi4* 0.0 0.0 0.0 (0.0)
olvi4* 0.0 0.0 0.0 (0.0)
olvi4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 23.44 0.71 -12.67
LAB*LAB 23.44 0.71 -12.67
LAB*LAB 12.5 0.01 0.0

relative CIELAB lab*
lab*lab 0.14 0.012 -0.499
lab*lab 0.25 0.5 0.754
lab*lab 0.0 0.5 0.754
lab*lab 0.0 0.5 0.754
relative Natural Colour (NC)
lab*lab 0.14 0.012 -0.499
lab*lab 0.25 0.5 0.754
lab*lab 0.0 0.5 0.754
lab*lab 0.0 0.5 0.754

$n^* = 0.50$

Ausgabe: Farbmetrisches Reflexions-System ORS18

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

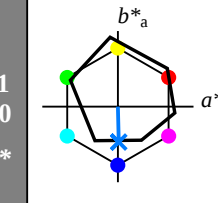
lab^*tch und lab^*nch

D65: Buntton B

LCH*Ma: 42 45 271

rgb*Ma: 0.0 0.49 1.0

Dreiecks-Helligkeit t^*



%Umfang

$u^*_{rel} = 93$

relative Inform. Technology (IT)
olvi3* 1.0 1.0 1.0 (1.0)
olvi3* 0.0 0.0 0.0 (0.0)
olvi4* 1.0 1.0 1.0 (1.0)
olvi4* 0.0 0.0 0.0 (0.0)
olvi4* 0.0 0.0 0.0 (0.0)
olvi4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 95.41 -0.97 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*lab 0.0 0.0 0.0
lab*lab 0.0 0.0 0.0
lab*lab 0.0 0.0 0.0
relative Natural Colour (NC)
lab*lab 1.0 0.0 0.0
lab*lab 0.0 0.0 0.0
lab*lab 0.0 0.0 0.0
lab*lab 0.0 0.0 0.0

relative Inform. Technology (IT)
olvi3* 0.75 0.75 0.75 (1.0)
olvi3* 0.25 0.25 0.25 (0.0)
olvi4* 1.0 1.0 1.0 (1.0)
olvi4* 0.0 0.0 0.0 (0.0)
olvi4* 0.0 0.0 0.0 (0.0)
olvi4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 76.06 -0.6 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 0.75 0.75 (1.0)
lab*lab 0.25 0.25 0.25 (0.0)
lab*lab 0.75 0.75 0.75 (1.0)
lab*lab 0.25 0.25 0.25 (0.0)
relative Natural Colour (NC)
lab*lab 0.75 0.75 0.75 (1.0)
lab*lab 0.25 0.25 0.25 (0.0)
lab*lab 0.75 0.75 0.75 (1.0)
lab*lab 0.25 0.25 0.25 (0.0)

relative Inform. Technology (IT)
olvi3* 0.5 0.5 0.5 (0.0)
olvi3* 0.5 0.5 0.5 (0.0)
olvi4* 1.0 1.0 1.0 (1.0)
olvi4* 0.0 0.0 0.0 (0.0)
olvi4* 0.0 0.0 0.0 (0.0)
olvi4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 56.71 -0.23 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 0.5 0.5 (0.0)
lab*lab 0.5 0.5 0.5 (0.0)
lab*lab 0.5 0.5 0.5 (0.0)
lab*lab 0.5 0.5 0.5 (0.0)
relative Natural Colour (NC)
lab*lab 0.5 0.5 0.5 (0.0)
lab*lab 0.5 0.5 0.5 (0.0)
lab*lab 0.5 0.5 0.5 (0.0)
lab*lab 0.5 0.5 0.5 (0.0)

relative Inform. Technology (IT)
olvi3* 0.25 0.25 0.25 (0.0)
olvi3* 0.75 0.75 0.75 (1.0)
olvi4* 1.0 1.0 1.0 (1.0)
olvi4* 0.0 0.0 0.0 (0.0)
olvi4* 0.0 0.0 0.0 (0.0)
olvi4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 37.36 -0.38 0.63
LAB*LAB 37.36 0.0 0.0
LAB*LAB 25.00 0.01 0.0

relative CIELAB lab*
lab*lab 0.25 0.25 0.25 (0.0)
lab*lab 0.75 0.75 0.75 (1.0)
lab*lab 0.25 0.25 0.25 (0.0)
lab*lab 0.75 0.75 0.75 (1.0)
relative Natural Colour (NC)
lab*lab 0.25 0.25 0.25 (0.0)
lab*lab 0.75 0.75 0.75 (1.0)
lab*lab 0.25 0.25 0.25 (0.0)
lab*lab 0.75 0.75 0.75 (1.0)

relative Inform. Technology (IT)
olvi3* 0.0 0.0 0.0 (0.0)
olvi3* 1.0 1.0 1.0 (1.0)
olvi4* 1.0 1.0 1.0 (1.0)
olvi4* 0.0 0.0 0.0 (0.0)
olvi4* 0.0 0.0 0.0 (0.0)
olvi4* 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 (0.0)
lab*lab 1.0 1.0 1.0 (1.0)
lab*lab 0.0 0.0 0.0 (0.0)
lab*lab 1.0 1.0 1.0 (1.0)
relative Natural Colour (NC)
lab*lab 0.0 0.0 0.0 (0.0)
lab*lab 1.0 1.0 1.0 (1.0)
lab*lab 0.0 0.0 0.0 (0.0)
lab*lab 1.0 1.0 1.0 (1.0)

$n^* = 1.0$

ORS18; adaptierte CIELAB-Daten

	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
OMa	47.94	65.37	50.52	82.62	38
YMa	90.37	-10.27	91.77	92.34	96
LMa	50.9	-62.79	34.95	71.87	151
CMa	58.62	-30.35	-45.01	54.3	236
VMa	25.71	31.11	-44.42	54.24	305
MMa	48.13	75.27	-8.35	75.73	354
NMa	18.01	0.0	0.0	0.0	0
WMa	95.41	0.0	0.0	0.0	0
RCIE	39.92	58.66	26.98	64.56	25
JCIE	81.26	-2.17	67.76	67.79	92
GCIE	52.23	-42.26	11.75	43.87	164
BCIE	30.57	1.15	-46.84	46.87	271

%Regularität

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

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

relative Inform. Technology (IT)
olvi3* 0.5 0.5 0.5 (0.0)
olvi3* 0.5 0.5 0.5 (0.0)
olvi4* 1.0 1.0 1.0 (1.0)
olvi4* 0.0 0.0 0.0 (0.0)
olvi4* 0.0 0.0 0.0 (0.0)
olvi4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 68.59 0.08 -19.4
LAB*LAB 68.59 0.08 -19.4
LAB*LAB 75.00 0.01 0.0

relative CIELAB lab*
lab*lab 0.654 0.012 -0.499
lab*lab 0.75 0.5 0.754
lab*lab 0.0 0.5 0.754
lab*lab 0.0 0.5 0.754
relative Natural Colour (NC)
lab*lab 0.654 0.012 -0.499
lab*lab 0.75 0.5 0.754
lab*lab 0.0 0.5 0.754
lab*lab 0.0 0.5 0.754

relative Inform. Technology (IT)
olvi3* 0.25 0.25 0.25 (0.0)
olvi3* 0.75 0.75 0.75 (1.0)
olvi4* 1.0 1.0 1.0 (1.0)
olvi4* 0.0 0.0 0.0 (0.0)
olvi4* 0.0 0.0 0.0 (0.0)
olvi4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 49.25 0.45 -20.71
LAB*LAB 49.25 0.45 -20.71
LAB*LAB 50.00 0.01 0.0

relative CIELAB lab*
lab*lab 0.48 0.018 -0.749
lab*lab 0.625 0.75 0.754
lab*lab 0.0 0.75 0.754
lab*lab 0.0 0.75 0.754
relative Natural Colour (NC)
lab*lab 0.48 0.018 -0.749
lab*lab 0.625 0.75 0.754
lab*lab 0.0 0.75 0.754
lab*lab 0.0 0.75 0.754

relative Inform. Technology (IT)
olvi3* 0.0 0.0 0.0 (0.0)
olvi3* 1.0 1.0 1.0 (1.0)
olvi4* 1.0 1.0 1.0 (1.0)
olvi4* 0.0 0.0 0.0 (0.0)
olvi4* 0.0 0.0 0.0 (0.0)
olvi4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 29.9 0.59 -32.79
LAB*LAB 29.9 0.59 -32.79
LAB*LAB 25.01 0.01 0.0

relative CIELAB lab*
lab*lab 0.154 0.012 -0.499
lab*lab 0.25 0.5 0.754
lab*lab 0.0 0.5 0.754
lab*lab 0.0 0.5 0.754
relative Natural Colour (NC)
lab*lab 0.154 0.012 -0.499
lab*lab 0.25 0.5 0.754
lab*lab 0.0 0.5 0.754
lab*lab 0.0 0.5 0.754

relative Inform. Technology (IT)
olvi3* 0.0 0.0 0.0 (0.0)
olvi3* 1.0 1.0 1.0 (1.0)
olvi4* 1.0 1.0 1.0 (1.0)
olvi4* 0.0 0.0 0.0 (0.0)
olvi4* 0.0 0.0 0.0 (0.0)
olvi4* 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 (0.0)
lab*lab 1.0 1.0 1.0 (1.0)
lab*lab 0.0 0.0 0.0 (0.0)
lab*lab 1.0 1.0 1.0 (1.0)
relative Natural Colour (NC)
lab*lab 0.0 0.0 0.0 (0.0)
lab*lab 1.0 1.0 1.0 (1.0)
lab*lab 0.0 0.0 0.0 (0.0)
lab*lab 1.0 1.0 1.0 (1.0)

$n^* = 0.50$

relative Inform. Technology (IT)
olvi3* 0.0 0.0 0.0 (0.0)
olvi3* 1.0 1.0 1.0 (1.0)
olvi4* 1.0 1.0 1.0 (1.0)
olvi4* 0.0 0.0 0.0 (0.0)
olvi4* 0.0 0.0 0.0 (0.0)
olvi4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 55.19 0.61 -31.48
LAB*LAB 55.19 0.61 -31.48
LAB*LAB 62.5 0.01 0.0

relative CIELAB lab*
lab*lab 0.48 0.018 -0.749
lab*lab 0.625 0.75 0.754
lab*lab 0.0 0.75 0.754
lab*lab 0.0 0.75 0.754
relative Natural Colour (NC)
lab*lab 0.48 0.018 -0.749
lab*lab 0.625 0.75 0.754
lab*lab 0.0 0.75 0.754
lab*lab 0.0 0.75 0.754

relative Inform. Technology (IT)
olvi3* 0.25 0.25 0.25 (0.0)
olvi3* 0.75 0.75 0.75 (1.0)
olvi4* 1.0 1.0 1.0 (1.0)
olvi4* 0.0 0.0 0.0 (0.0)
olvi4* 0.0 0.0 0.0 (0.0)
olvi4* 0.0 0.0 0.0 (0.0)
standard and