

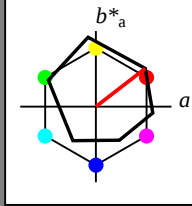
Eingabe: Farbmetrisches Reflexions-System ORS18

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^* 

%Umfang

 $u^*_{rel} = 93$

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

relative CIELAB lab*

lab*lab 1.0 0.0 0.0

lab*ch 1.0 0.0 0.0

lab*nch 0.0 0.0 0.0

relative Natural Colour (NC)

lab*lab 1.0 0.0 0.0

lab*ch 1.0 0.0 0.0

lab*nch 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

relative CIELAB lab*

lab*lab 0.75 0.75 0.75 (1.0)

lab*ch 0.75 0.75 0.75 (1.0)

lab*nch 0.75 0.75 0.75 (1.0)

relative Natural Colour (NC)

lab*lab 0.75 0.75 0.75 (1.0)

lab*ch 0.75 0.75 0.75 (1.0)

lab*nch 0.75 0.75 0.75 (1.0)

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

relative CIELAB lab*

lab*lab 0.5 0.5 0.5 (0.0)

lab*ch 0.5 0.5 0.5 (0.0)

lab*nch 0.5 0.5 0.5 (0.0)

relative Natural Colour (NC)

lab*lab 0.5 0.5 0.5 (0.0)

lab*ch 0.5 0.5 0.5 (0.0)

lab*nch 0.5 0.5 0.5 (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

relative CIELAB lab*

lab*lab 0.693 0.396 0.306

lab*ch 0.75 0.5 0.5 (1.0)

lab*nch 0.75 0.5 0.5 (1.0)

relative Natural Colour (NC)

lab*lab 0.693 0.396 0.306

lab*ch 0.75 0.5 0.5 (1.0)

lab*nch 0.75 0.5 0.5 (1.0)

standard and adapted CIELAB

LAB*LAB 59.81 48.02 37.88

LAB*LABa 59.81 48.02 37.88

LAB*LABb 59.81 48.02 37.88

relative CIELAB lab*

lab*lab 0.54 0.215 0.225

lab*ch 0.625 0.75 0.048

lab*nch 0.625 0.75 0.048

relative Natural Colour (NC)

lab*lab 0.54 0.215 0.225

lab*ch 0.625 0.75 0.048

lab*nch 0.625 0.75 0.048

standard and adapted CIELAB

LAB*LAB 49.81 48.02 37.88

LAB*LABa 49.81 48.02 37.88

LAB*LABb 49.81 48.02 37.88

relative CIELAB lab*

lab*lab 0.54 0.215 0.225

lab*ch 0.625 0.75 0.048

lab*nch 0.625 0.75 0.048

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lab*ch 0.625 0.75 0.048

lab*nch 0.625 0.75 0.048

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lab*ch 0.625 0.75 0.048

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relative Natural Colour (NC)

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lab*nch 0.625 0.75 0.048

standard and adapted CIELAB

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LAB*LABb 49.81 48.02 37.88

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lab*ch 0.625 0.75 0.048

lab*nch 0.625 0.75 0.048

relative Natural Colour (NC)

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lab*ch 0.625 0.75 0.048

lab*nch 0.625 0.75 0.048

standard and adapted CIELAB

LAB*LAB 49.81 48.02 37.88

LAB*LABa 49.81 48.02 37.88

LAB*LABb 49.81 48.02 37.88

relative CIELAB lab*

lab*lab 0.54 0.215 0.225

lab*ch 0.625 0.75 0.048

lab*nch 0.625 0.75 0.048

relative Natural Colour (NC)

lab*lab 0.54 0.215 0.225

lab*ch 0.625 0.75 0.048

lab*nch 0.625 0.75 0.048

standard and adapted CIELAB

LAB*LAB 49.81 48.02 37.88

LAB*LABa 49.81 48.02 37.88

LAB*LABb 49.81 48.02 37.88

relative CIELAB lab*

lab*lab 0.54 0.215 0.225

lab*ch 0.625 0.75 0.048

lab*nch 0.625 0.75 0.048

relative Natural Colour (NC)

lab*lab 0.54 0.215 0.225

lab*ch 0.625 0.75 0.048

lab*nch 0.625 0.75 0.048

standard and adapted CIELAB

LAB*LAB 49.81 48.02 37.88

LAB*LABa 49.81 48.02 37.88

LAB*LABb 49.81 48.02 37.88

relative CIELAB lab*

lab*lab 0.54 0.215 0.225

lab*ch 0.625 0.75 0.048

lab*nch 0.625 0.75 0.048

relative Natural Colour (NC)

lab*lab 0.54 0.215 0.225

lab*ch 0.625 0.75 0.048

lab*nch 0.625 0.75 0.048

standard and adapted CIELAB

LAB*LAB 49.81 48.02 37.88

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LAB*LABb 49.81 48.02 37.88

relative CIELAB lab*

lab*lab 0.54 0.215 0.225

lab*ch 0.625 0.75 0.048

lab*nch 0.625 0.75 0.048

relative Natural Colour (NC)

lab*lab 0.54 0.215 0.225

lab*ch 0.625 0.75 0.048

lab*nch 0.625 0.75 0.048

standard and adapted CIELAB

LAB*LAB 49.81 48.02 37.88

LAB*LABa 49.81 48.02 37.88

LAB*LABb 49.81 48.02 37.88

relative CIELAB lab*

lab*lab 0.54 0.215 0.225

lab*ch 0.625 0.75 0.048

lab*nch 0.625 0.75 0.048

relative Natural Colour (NC)

lab*lab 0.54 0.215 0.225

lab*ch 0.625 0.75 0.048

lab*nch 0.625 0.75 0.048</

Eingabe: Farbmetrisches Reflexions-System ORS18

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

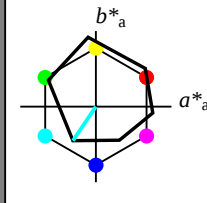
lab^*ch und lab^*nch

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)
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 1.0 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*tr 1.0 0.0 0.0
lab*tc 1.0 0.0 0.0
lab*nc 0.0 0.0 0.0

relative Inform. Technology (IT)
olvi3* 0.75 1.0 1.0 (1.0)
cmyn3* 0.25 0.0 0.0 (0.0)
olvi4* 0.75 1.0 1.0 (1.0)
cmyn4* 0.25 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 86.21 -8.38 -7.1
LAB*LABa 86.21 -7.58 -11.24
LAB*LABb 86.21 13.57 236.01
relative CIELAB lab*
lab*lab 0.881 -0.139 -0.206
lab*ch 0.875 0.25 0.656
lab*nch 0.0 0.25 0.656
relative Natural Colour (NC)
lab*tr 0.881 -0.139 -0.216
lab*tc 0.875 0.25 0.656
lab*nc 0.0 0.25 0.656

relative Inform. Technology (IT)
olvi3* 0.5 0.5 0.5 (0.0)
cmyn3* 0.5 0.5 0.5 (0.0)
olvi4* 0.5 0.5 0.5 (0.0)
cmyn4* 0.5 0.5 0.5 (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 0.0 0.0 0.0
relative Natural Colour (NC)
lab*tr 0.75 0.0 0.0
lab*tc 0.75 0.0 0.0
lab*nc 0.0 0.0 0.0

relative Inform. Technology (IT)
olvi3* 0.25 0.25 0.25 (0.0)
cmyn3* 0.25 0.25 0.25 (0.0)
olvi4* 0.25 0.25 0.25 (0.0)
cmyn4* 0.25 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 0.0 0.0 0.0
relative Natural Colour (NC)
lab*tr 0.5 0.0 0.0
lab*tc 0.5 0.0 0.0
lab*nc 0.0 0.0 0.0

relative Inform. Technology (IT)
olvi3* 0.0 0.0 0.0 (0.0)
cmyn3* 0.0 0.0 0.0 (0.0)
olvi4* 0.0 0.0 0.0 (0.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 37.36 -0.03 0.63
LAB*LABa 37.36 0.0 0.0
LAB*LABb 37.36 0.0 0.0
LAB*LABc 37.36 0.0 0.0
relative CIELAB lab*
lab*lab 0.25 0.0 0.0
lab*ch 0.25 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*tr 0.25 0.0 0.0
lab*tc 0.25 0.0 0.0
lab*nc 0.0 0.0 0.0

relative Inform. Technology (IT)
olvi3* 0.0 0.0 0.0 (0.0)
cmyn3* 0.0 0.0 0.0 (0.0)
olvi4* 0.0 0.0 0.0 (0.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 18.02 0.0 0.0
LAB*LABa 18.02 0.0 0.0
LAB*LABb 18.02 0.0 0.0
LAB*LABc 18.02 0.0 0.0
relative CIELAB lab*
lab*lab 0.0 0.0 0.0
lab*ch 0.0 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*tr 0.0 0.0 0.0
lab*tc 0.0 0.0 0.0
lab*nc 0.0 0.0 0.0

relative Inform. Technology (IT)
olvi3* 0.0 0.0 0.0 (0.0)
cmyn3* 0.0 0.0 0.0 (0.0)
olvi4* 0.0 0.0 0.0 (0.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 9.01 0.0 0.0
LAB*LABa 9.01 0.0 0.0
LAB*LABb 9.01 0.0 0.0
LAB*LABc 9.01 0.0 0.0
relative CIELAB lab*
lab*lab 0.0 0.0 0.0
lab*ch 0.0 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*tr 0.0 0.0 0.0
lab*tc 0.0 0.0 0.0
lab*nc 0.0 0.0 0.0

relative Inform. Technology (IT)
olvi3* 0.0 0.0 0.0 (0.0)
cmyn3* 0.0 0.0 0.0 (0.0)
olvi4* 0.0 0.0 0.0 (0.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 4.51 0.0 0.0
LAB*LABa 4.51 0.0 0.0
LAB*LABb 4.51 0.0 0.0
LAB*LABc 4.51 0.0 0.0
relative CIELAB lab*
lab*lab 0.0 0.0 0.0
lab*ch 0.0 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*tr 0.0 0.0 0.0
lab*tc 0.0 0.0 0.0
lab*nc 0.0 0.0 0.0

relative Inform. Technology (IT)
olvi3* 0.0 0.0 0.0 (0.0)
cmyn3* 0.0 0.0 0.0 (0.0)
olvi4* 0.0 0.0 0.0 (0.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 2.26 0.0 0.0
LAB*LABa 2.26 0.0 0.0
LAB*LABb 2.26 0.0 0.0
LAB*LABc 2.26 0.0 0.0
relative CIELAB lab*
lab*lab 0.0 0.0 0.0
lab*ch 0.0 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*tr 0.0 0.0 0.0
lab*tc 0.0 0.0 0.0
lab*nc 0.0 0.0 0.0

relative Inform. Technology (IT)
olvi3* 0.0 0.0 0.0 (0.0)
cmyn3* 0.0 0.0 0.0 (0.0)
olvi4* 0.0 0.0 0.0 (0.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 1.13 0.0 0.0
LAB*LABa 1.13 0.0 0.0
LAB*LABb 1.13 0.0 0.0
LAB*LABc 1.13 0.0 0.0
relative CIELAB lab*
lab*lab 0.0 0.0 0.0
lab*ch 0.0 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*tr 0.0 0.0 0.0
lab*tc 0.0 0.0 0.0
lab*nc 0.0 0.0 0.0

ORS18; adaptierte CIELAB-Daten

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
QMa	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
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RCIE	39.92	58.66	26.98	64.56	25
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BCIE	30.57	1.15	-46.84	46.87	271

%Regularität

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

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

$n^* = 0.00$

$n^* = 0.25$

$n^* = 0.50$

$n^* = 0.75$

$n^* = 1.00$

relative Buntheit c^*

Ausgabe: Farbmetrisches Reflexions-System MRS18

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

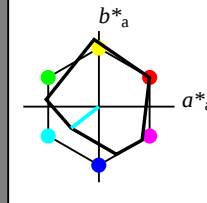
lab^*ch und lab^*nch

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)
cmyn3* 0.0 0.0 0.0 (0.0)
olvi4* 1.0 1.0 1.0 (1.0)
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LAB*LAB 95.41 -0.97 4.75
LAB*LABa 95.41 0.0 0.0
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relative CIELAB lab*
lab*lab 1.0 0.0 0.0
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relative Natural Colour (NC)
lab*tr 1.0 0.0 0.0
lab*tc 1.0 0.0 0.0
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relative Inform. Technology (IT)
olvi3* 0.75 1.0 1.0 (1.0)
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standard and adapted CIELAB
LAB*LAB 86.21 -8.38 -7.1
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LAB*LABb 86.21 13.57 236.01
relative CIELAB lab*
lab*lab 0.881 -0.139 -0.206
lab*ch 0.875 0.25 0.656
lab*nch 0.0 0.25 0.656
relative Natural Colour (NC)
lab*tr 0.881 -0.139 -0.216
lab*tc 0.875 0.25 0.656
lab*nc 0.0 0.25 0.656

relative Inform. Technology (IT)
olvi3* 0.5 0.5 0.5 (0.0)
cmyn3* 0.5 0.5 0.5 (0.0)
olvi4* 0.5 0.5 0.5 (0.0)
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lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*tr 0.75 0.0 0.0
lab*tc 0.75 0.0 0.0
lab*nc 0.0 0.0 0.0

relative Inform. Technology (IT)
olvi3* 0.25 0.25 0.25 (0.0)
cmyn3* 0.25 0.25 0.25 (0.0)
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lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*tr 0.5 0.0 0.0
lab*tc 0.5 0.0 0.0
lab*nc 0.0 0.0 0.0

relative Inform. Technology (IT)
olvi3* 0.0 0.0 0.0 (0.0)
cmyn3* 0.0 0.0 0.0 (0.0)
olvi4* 0.0 0.0 0.0 (0.0)
cmyn4* 0.0 0.0 0.0 (0.0)
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LAB*LABa 37.36 0.0 0.0
LAB*LABb 37.36 0.0 0.0
LAB*LABc 37.36 0.0 0.0
relative CIELAB lab*
lab*lab 0.25 0.0 0.0
lab*ch 0.25 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*tr 0.25 0.0 0.0
lab*tc 0.25 0.0 0.0
lab*nc 0.0 0.0 0.0

relative Inform. Technology (IT)
olvi3* 0.0 0.0 0.0 (0.0)
cmyn3* 0.0 0.0 0.0 (0.0)
olvi4* 0.0 0.0 0.0 (0.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 18.02 0.0 0.0
LAB*LABa 18.02 0.0 0.0
LAB*LABb 18.02 0.0 0.0
LAB*LABc 18.02 0.0 0.0
relative CIELAB lab*
lab*lab 0.0 0.0 0.0
lab*ch 0.0 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*tr 0.0 0.0 0.0
lab*tc 0.0 0.0 0.0
lab*nc 0.0 0.0 0.0

relative Inform. Technology (IT)
olvi3* 0.0 0.0 0.0 (0.0)
cmyn3* 0.0 0.0 0.0 (0.0)
olvi4* 0.0 0.0 0.0 (0.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 9.01 0.0 0.0
LAB*LABa 9.01 0.0 0.0
LAB*LABb 9.01 0.0 0.0
LAB*LABc 9.01 0.0 0.0
relative CIELAB lab*
lab*lab 0.0 0.0 0.0
lab*ch 0.0 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*tr 0.0 0.0 0.0
lab*tc 0.0 0.0 0.0
lab*nc 0.0 0.0 0.0

relative Inform. Technology (IT)
olvi3* 0.0 0.0 0.0 (0.0)
cmyn3* 0.0 0.0 0.0 (0.0)
olvi4* 0.0 0.0 0.0 (0.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 4.51 0.0 0.0
LAB*LABa 4.51 0.0 0.0
LAB*LABb 4.51 0.0 0.0
LAB*LABc 4.51 0.0 0.0
relative CIELAB lab*
lab*lab 0.0 0.0 0.0
lab*ch 0.0 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*tr 0.0 0.0 0.0
lab*tc 0.0 0.0 0.0
lab*nc 0.0 0.0 0.0

relative Inform. Technology (IT)
olvi3* 0.0 0.0 0.0 (0.0)
cmyn3* 0.0 0.0 0.0 (0.0)
olvi4* 0.0 0.0 0.0 (0.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 2.26 0.0 0.0
LAB*LABa 2.26 0.0 0.0
LAB*LABb 2.26 0.0 0.0
LAB*LABc 2.26 0.0 0.0
relative CIELAB lab*
lab*lab 0.0 0.0 0.0
lab*ch 0.0 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*tr 0.0 0.0 0.0
lab*tc 0.0 0.0 0.0
lab*nc 0.0 0.0 0.0

relative Inform. Technology (IT)
olvi3* 0.0 0.0 0.0 (0.0)
cmyn3* 0.0 0.0 0.0 (0.0)
olvi4* 0.0 0.0 0.0 (0.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 1.13 0.0 0.0
LAB*LABa 1.13 0.0 0.0
LAB*LABb 1.13 0.0 0.0
LAB*LABc 1.13 0.0 0.0
relative CIELAB lab*
lab*lab 0.0 0.0 0.0
lab*ch 0.0 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*tr 0.0 0.0 0.0
lab*tc 0.0 0.0 0.0
lab*nc 0.0 0.0 0.0

relative Buntheit c^*

$n^* = 1.0$

5 stufige Reihen für konstanten CIELAB Buntton 218/360 = 0.605 (rechts)

BAM-Prüfvorlage TG50; Farbmetrik-Systeme ORS18 & ORS18 input: $olv^*setrgbcolor$

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

TG500-7, 5 stufige Reihen für konstanten CIELAB Buntton 236/360 = 0.656 (links)

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

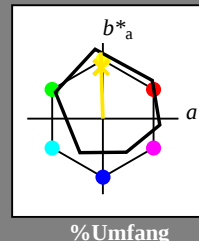
Eingabe: Farbmetrisches Reflexions-System ORS18

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

D65: Buntton J

LCH*Ma: 86 88 92

rgb*Ma: 1.0 0.9 0.0

Dreiecks-Helligkeit t^* 

%Umfang

 $u^*_{rel} = 93$

relative Inform. Technology (IT)

lab*lab 1.0 0.0 0.0

lab*ch 1.0 0.0 0.0

lab*nch 1.0 0.0 0.0

relative Natural Colour (NC)

lab*lab 1.0 0.0 0.0

lab*ch 1.0 0.0 0.0

lab*nch 1.0 0.0 0.0

standard and adapted CIELAB

LAB*LAB 76.06 -0.6 3.44

LAB*LAB 76.06 -0.6 3.44

LAB*LAB 76.06 -0.6 3.44

LAB*LAB 76.06 -0.6 3.44

relative CIELAB lab*

lab*lab 1.0 0.0 0.0

lab*ch 1.0 0.0 0.0

lab*nch 1.0 0.0 0.0

relative Natural Colour (NC)

lab*lab 1.0 0.0 0.0

lab*ch 1.0 0.0 0.0

lab*nch 1.0 0.0 0.0

standard and adapted CIELAB

LAB*LAB 76.06 -0.6 3.44

LAB*LAB 76.06 -0.6 3.44

LAB*LAB 76.06 -0.6 3.44

LAB*LAB 76.06 -0.6 3.44

relative CIELAB lab*

lab*lab 1.0 0.0 0.0

lab*ch 1.0 0.0 0.0

lab*nch 1.0 0.0 0.0

relative Natural Colour (NC)

lab*lab 1.0 0.0 0.0

lab*ch 1.0 0.0 0.0

lab*nch 1.0 0.0 0.0

standard and adapted CIELAB

LAB*LAB 76.06 -0.6 3.44

relative Inform. Technology (IT)

lab*lab 1.0 0.975 0.75 (1.0)

lab*ch 1.0 0.025 0.25 (0.0)

lab*nch 1.0 0.975 0.75 (1.0)

relative Natural Colour (NC)

lab*lab 1.0 0.975 0.75 (1.0)

lab*ch 1.0 0.025 0.25 (0.0)

lab*nch 1.0 0.975 0.75 (1.0)

standard and adapted CIELAB

LAB*LAB 93.11 -1.64 26.52

LAB*LAB 93.11 -1.64 26.52

LAB*LAB 93.11 -1.64 26.52

LAB*LAB 93.11 -1.64 26.52

relative CIELAB lab*

lab*lab 1.0 0.975 0.75 (1.0)

lab*ch 1.0 0.025 0.25 (0.0)

lab*nch 1.0 0.975 0.75 (1.0)

relative Natural Colour (NC)

lab*lab 1.0 0.975 0.75 (1.0)

lab*ch 1.0 0.025 0.25 (0.0)

lab*nch 1.0 0.975 0.75 (1.0)

standard and adapted CIELAB

LAB*LAB 93.11 -1.64 26.52

LAB*LAB 93.11 -1.64 26.52

LAB*LAB 93.11 -1.64 26.52

LAB*LAB 93.11 -1.64 26.52

relative CIELAB lab*

lab*lab 1.0 0.975 0.75 (1.0)

lab*ch 1.0 0.025 0.25 (0.0)

lab*nch 1.0 0.975 0.75 (1.0)

relative Natural Colour (NC)

lab*lab 1.0 0.975 0.75 (1.0)

lab*ch 1.0 0.025 0.25 (0.0)

ORS18; adaptierte CIELAB-Daten

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

QMa 47.94 65.37 50.52 82.62 38

YMa 90.37 -10.27 91.77 92.34 96

LMa 50.59 -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

%Regelartit

 $g^*_{H,rel} = 57$ $g^*_{C,rel} = 59$

relative Inform. Technology (IT)

lab*lab 1.0 0.926 0.25 (1.0)

lab*ch 1.0 0.074 0.25 (0.0)

lab*nch 1.0 0.926 0.25 (1.0)

relative Natural Colour (NC)

lab*lab 1.0 0.926 0.25 (1.0)

lab*ch 1.0 0.074 0.25 (0.0)

lab*nch 1.0 0.926 0.25 (1.0)

standard and adapted CIELAB

LAB*LAB 88.49 -2.96 70.06

LAB*LAB 88.49 -2.96 70.06

LAB*LAB 88.49 -2.96 70.06

LAB*LAB 88.49 -2.96 70.06

relative CIELAB lab*

lab*lab 1.0 0.926 0.25 (1.0)

lab*ch 1.0 0.074 0.25 (0.0)

lab*nch 1.0 0.926 0.25 (1.0)

relative Natural Colour (NC)

lab*lab 1.0 0.926 0.25 (1.0)

lab*ch 1.0 0.074 0.25 (0.0)

lab*nch 1.0 0.926 0.25 (1.0)

standard and adapted CIELAB

LAB*LAB 88.49 -2.96 70.06

LAB*LAB 88.49 -2.96 70.06

LAB*LAB 88.49 -2.96 70.06

LAB*LAB 88.49 -2.96 70.06

relative CIELAB lab*

lab*lab 1.0 0.926 0.25 (1.0)

relative Inform. Technology (IT)

lab*lab 1.0 0.926 0.25 (1.0)

lab*ch 1.0 0.074 0.25 (0.0)

lab*nch 1.0 0.926 0.25 (1.0)

relative Natural Colour (NC)

lab*lab 1.0 0.926 0.25 (1.0)

lab*ch 1.0 0.074 0.25 (0.0)

lab*nch 1.0 0.926 0.25 (1.0)

standard and adapted CIELAB

LAB*LAB 88.49 -2.96 70.06

LAB*LAB 88.49 -2.96 70.06

LAB*LAB 88.49 -2.96 70.06

LAB*LAB 88.49 -2.96 70.06

relative CIELAB lab*

lab*lab 1.0 0.926 0.25 (1.0)

lab*ch 1.0 0.074 0.25 (0.0)

lab*nch 1.0 0.926 0.25 (1.0)

relative Natural Colour (NC)

lab*lab 1.0 0.926 0.25 (1.0)

lab*ch 1.0 0.074 0.25 (0.0)

lab*nch 1.0 0.926 0.25 (1.0)

standard and adapted CIELAB

LAB*LAB 88.49 -2.96 70.06

LAB*LAB 88.49 -2.96 70.06

LAB*LAB 88.49 -2.96 70.06

LAB*LAB 88.49 -2.96 70.06

relative CIELAB lab*

lab*lab 1.0 0.926 0.25 (1.0)

lab*ch 1.0 0.074 0.25 (0.0)

lab*nch 1.0 0.926 0.25 (1.0)

relative Natural Colour (NC)

lab*lab 1.0 0.926 0.25 (1.0)

lab*ch 1.0 0.074 0.25 (0.0)

lab*nch 1.0 0.926 0.25 (1.0)

standard and adapted CIELAB

LAB*LAB 88.49 -2.96 70.06

LAB*LAB 88.49 -2.96 70.06

LAB*LAB 88.49 -2.96 70.06

LAB*LAB 88.49 -2.96 70.06

relative CIELAB lab*

lab*lab 1.0 0.926 0.25 (1.0)

lab*ch 1.0 0.074 0.25 (0.0)

lab*nch 1.0 0.926 0.25 (1.0)

relative Natural Colour (NC)

lab*lab 1.0 0.926 0.25 (1.0)

relative Inform. Technology (IT)

lab*lab 1.0 0.926 0.25 (1.0)

lab*ch 1.0 0.074 0.25 (0.0)

lab*nch 1.0 0.926 0.25 (1.0)

relative Natural Colour (NC)

lab*lab 1.0 0.926 0.25 (1.0)

lab*ch 1.0 0.074 0.25 (0.0)

lab*nch 1.0 0.926 0.25 (1.0)

standard and adapted CIELAB

LAB*LAB 88.49 -2.96 70.06

LAB*LAB 88.49 -2.96 70.06

LAB*LAB 88.49 -2.96 70.06

LAB*LAB 88.49 -2.96 70.06

relative CIELAB lab*

lab*lab 1.0 0.926 0.25 (1.0)

lab*ch 1.0 0.074 0.25 (0.0)

lab*nch 1.0 0.926 0.25 (1.0)

relative Natural Colour (NC)

lab*lab 1.0 0.926 0.25 (1.0)

lab*ch 1.0 0.074 0.25 (0.0)

lab*nch 1.0 0.926 0.25 (1.0)

standard and adapted CIELAB

LAB*LAB 88.49 -2.96 70.06

LAB*LAB 88.49 -2.96 70.06

LAB*LAB 88.49 -2.96 70.06

LAB*LAB 88.49 -2.96 70.06

relative CIELAB lab*

lab*lab 1.0 0.926 0.25 (1.0)

lab*ch 1.0 0.074 0.25 (0.0)

lab*nch 1.0 0.926 0.25 (1.0)

relative Natural Colour (NC)

lab*lab 1.0 0.926 0.25 (1.0)

lab*ch 1.0 0.074 0.25 (0.0)

lab*nch 1.0 0.926 0.25 (1.0)

standard and adapted CIELAB

LAB*LAB 88.49 -2.96 70.06

LAB*LAB 88.49 -2.96 70.06

LAB*LAB 88.49 -2.96 70.06

LAB*LAB 88.49 -2.96 70.06

relative CIELAB lab*

lab*lab 1.0 0.926 0.25 (1.0)

lab*ch 1.0 0.074 0.25 (0.0)

lab*nch 1.0 0.926 0.25 (1.0)

relative Natural Colour (NC)

lab*lab 1.0 0.926 0.25 (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

%Regelartit

 $g^*_{H,rel} = 41$ $g^*_{C,rel} = 52$

relative Inform. Technology (IT)

lab*lab 1.0 0.975 0.75 (1.0)

lab*ch 1.0 0.025 0.25 (0.0)

lab*nch 1.0 0.975 0.75 (1.0)

relative Natural Colour (NC)

lab*lab 1.0 0.975 0.75 (1.0)

lab*ch 1.0 0.025 0.25 (0.0)

lab*nch 1.0 0.975 0.75 (1.0)

standard and adapted CIELAB

LAB*LAB 93.11 -1.64 26.52

LAB*LAB 93.11 -1.64 26.52

LAB*LAB 93.11 -1.64 26.52

LAB*LAB 93.11 -1.64 26.52

relative CIELAB lab*

lab*lab 1.0 0.975 0.75 (1.0)

lab*ch 1.0 0.025 0.25 (0.0)

lab*nch 1.0 0.975 0.75 (1.0)

relative Natural Colour (NC)

lab*lab 1.0 0.975 0.75 (1.0)

lab*ch 1.0 0.025 0.25 (0.0)

lab*nch 1.0 0.975 0.75 (1.0)

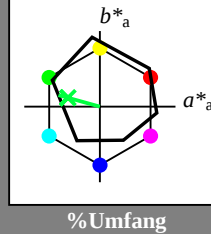
standard and adapted CIELAB

LAB*LAB 93.11 -1.64 26.52

LAB*LAB 93.11 -1.64 26.52

LAB*LAB 93.11 -1.64 26.52

Eingabe: Farbmetrisches Reflexions-System ORS18

für Buntton $h^* = lab^*h = 164/360 = 0.457$ lab^*ch und lab^*nch D65: Buntton G
LCH*Ma: 53 57 164
rgb*Ma: 0.0 1.0 0.25Dreiecks-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

relative CIELAB lab*
lab*lab 1.0 0.0 0.0
lab*ch 1.0 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*tr 1.0 0.0 0.0
lab*tc 1.0 0.0 0.0
lab*nc 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 0.0
LAB*LABb 76.06 0.0 0.0

relative CIELAB lab*
lab*lab 0.75 0.0 0.0
lab*ch 0.75 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*tr 0.75 0.0 0.0
lab*tc 0.75 0.0 0.0
lab*nc 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 0.0
LAB*LABb 56.71 0.0 0.0

relative CIELAB lab*
lab*lab 0.5 0.0 0.0
lab*ch 0.5 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*tr 0.5 0.0 0.0
lab*tc 0.5 0.0 0.0
lab*nc 0.0 0.0 0.0

relative Inform. Technology (IT)
olvi3* 0.25 0.25 0.25 (0.0)
cmyn3* 0.75 0.75 0.75 (1.0)
olvi4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 37.36 -0.13 0.63
LAB*LABa 37.36 0.0 0.0
LAB*LABb 37.36 0.0 0.0

relative CIELAB lab*
lab*lab 0.25 0.0 0.0
lab*ch 0.25 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*tr 0.25 0.0 0.0
lab*tc 0.25 0.0 0.0
lab*nc 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 0.0
LAB*LABb 18.02 0.0 0.0

relative CIELAB lab*
lab*lab 0.0 0.0 0.0
lab*ch 0.0 0.0 0.0
lab*nch 1.0 0.0 0.0
relative Natural Colour (NC)
lab*tr 0.0 0.0 0.0
lab*tc 0.0 0.0 0.0
lab*nc 1.0 0.0 0.0

$n^* = 1.0$

relative Inform. Technology (IT)
olvi3* 0.75 1.0 0.812 (1.0)
cmyn3* 0.25 0.0 0.388 (0.0)
olvi4* 1.0 1.0 0.812 (1.0)
cmyn4* 0.25 0.0 0.188 (0.0)
standard and adapted CIELAB
LAB*LAB 84.75 -14.46 7.85
LAB*LABa 84.75 -13.69 3.81
LAB*LABb 84.75 14.22 16.46

relative CIELAB lab*
lab*lab 0.862 -0.24 0.067
lab*ch 0.875 0.25 0.457
lab*nch 0.0 0.25 0.457
relative Natural Colour (NC)
lab*tr 0.862 -0.249 0.0
lab*tc 0.875 0.25 0.3
lab*nc 0.0 0.25 0.3

relative Inform. Technology (IT)
olvi3* 0.5 0.75 0.5 (1.0)
cmyn3* 0.5 0.25 0.5 (0.0)
olvi4* 0.75 1.0 0.812 (1.0)
cmyn4* 0.25 0.0 0.188 (0.0)
standard and adapted CIELAB
LAB*LAB 65.41 -14.1 6.55
LAB*LABa 65.41 -13.69 3.81
LAB*LABb 65.41 14.22 16.46

relative CIELAB lab*
lab*lab 0.612 -0.249 0.0
lab*ch 0.625 0.25 0.3
lab*nc 0.25 0.25 0.3

relative Inform. Technology (IT)
olvi3* 0.25 0.5 0.25 (1.0)
cmyn3* 0.75 0.5 0.688 (0.0)
olvi4* 0.75 1.0 0.812 (1.0)
cmyn4* 0.25 0.0 0.188 (0.0)
standard and adapted CIELAB
LAB*LAB 46.06 -13.73 5.24
LAB*LABa 46.06 -13.69 3.81
LAB*LABb 46.06 14.22 16.46

relative CIELAB lab*
lab*lab 0.362 -0.249 0.0
lab*ch 0.375 0.25 0.457
lab*nc 0.5 0.25 0.3

relative Inform. Technology (IT)
olvi3* 0.0 0.5 0.0 (1.0)
cmyn3* 1.0 0.75 0.938 (0.0)
olvi4* 0.75 1.0 0.812 (1.0)
cmyn4* 0.25 0.0 0.188 (0.0)
standard and adapted CIELAB
LAB*LAB 26.71 -23.35 3.84
LAB*LABa 26.71 -13.69 3.81
LAB*LABb 26.71 14.22 16.46

relative CIELAB lab*
lab*lab 0.112 -0.24 0.067
lab*ch 0.125 0.25 0.457
lab*nc 0.5 0.25 0.3

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 0.0
LAB*LABb 18.02 0.0 0.0

$n^* = 0.50$

ORS18; adaptierte CIELAB-Daten

	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
QMa	47.94	65.37	50.52	82.62	38
YMa	90.37	-10.27	91.77	92.34	96
LMa	50.59	-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* 0.5 1.0 0.623 (1.0)
cmyn3* 0.5 0.0 0.377 (0.0)
olvi4* 0.5 1.0 0.623 (1.0)
cmyn4* 0.5 0.0 0.377 (0.0)
standard and adapted CIELAB
LAB*LAB 74.1 -27.96 10.94
LAB*LABa 74.1 -27.99 7.62
LAB*LABb 74.1 28.44 16.46

relative CIELAB lab*
lab*lab 0.725 -0.481 0.134
lab*ch 0.75 0.5 0.457
lab*nch 0.0 0.5 0.457
relative Natural Colour (NC)
lab*tr 0.725 -0.489 0.0
lab*tc 0.75 0.5 0.3
lab*nc 0.5 0.5 0.3

relative Inform. Technology (IT)
olvi3* 0.25 0.75 0.188 (1.0)
cmyn3* 0.75 0.25 0.627 (0.0)
olvi4* 0.5 1.0 0.623 (1.0)
cmyn4* 0.5 0.0 0.377 (0.0)
standard and adapted CIELAB
LAB*LAB 54.75 -27.99 7.62
LAB*LABa 54.75 -27.99 7.62
LAB*LABb 54.75 28.44 16.46

relative CIELAB lab*
lab*lab 0.587 -0.721 0.201
lab*ch 0.625 0.75 0.457
lab*nc 0.625 0.75 0.5
relative Natural Colour (NC)
lab*tr 0.587 -0.749 0.0
lab*tc 0.625 0.75 0.5
lab*nc 0.625 0.75 0.5

relative Inform. Technology (IT)
olvi3* 0.0 0.75 0.188 (1.0)
cmyn3* 1.0 0.25 0.812 (0.0)
olvi4* 0.25 1.0 0.435 (0.0)
cmyn4* 0.75 0.0 0.565 (0.0)
standard and adapted CIELAB
LAB*LAB 63.45 -41.46 14.03
LAB*LABa 63.45 -41.09 11.43
LAB*LABb 63.45 42.66 16.46

relative CIELAB lab*
lab*lab 0.337 -0.721 0.201
lab*ch 0.375 0.75 0.457
lab*nc 0.375 0.75 0.457
relative Natural Colour (NC)
lab*tr 0.337 -0.749 0.0
lab*tc 0.375 0.75 0.457
lab*nc 0.375 0.75 0.457

relative Inform. Technology (IT)
olvi3* 0.0 0.5 0.125 (1.0)
cmyn3* 1.0 0.5 0.877 (0.0)
olvi4* 0.5 1.0 0.623 (1.0)
cmyn4* 0.5 0.0 0.377 (0.0)
standard and adapted CIELAB
LAB*LAB 35.41 -27.23 8.34
LAB*LABa 35.41 -27.39 7.63
LAB*LABb 35.41 28.44 16.46

relative CIELAB lab*
lab*lab 0.225 -0.481 0.134
lab*ch 0.25 0.5 0.457
lab*nc 0.25 0.5 0.457
relative Natural Colour (NC)
lab*tr 0.225 -0.499 0.0
lab*tc 0.25 0.5 0.457
lab*nc 0.25 0.5 0.457

$n^* = 0.25$

relative Inform. Technology (IT)
olvi3* 0.25 0.25 0.25 (1.0)
cmyn3* 0.75 0.75 0.75 (1.0)
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 0.0
LAB*LABb 18.02 0.0 0.0

relative CIELAB lab*
lab*lab 0.0 0.0 0.0
lab*ch 0.0 0.0 0.0
lab*nch 1.0 0.0 0.0
relative Natural Colour (NC)
lab*tr 0.0 0.0 0.0
lab*tc 0.0 0.0 0.0
lab*nc 1.0 0.0 0.0

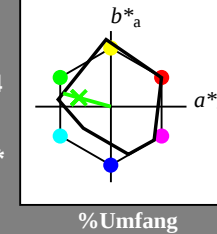
relative Inform. Technology (IT)
olvi3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 1.0 (0.0)
olvi4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 18.02 0.0 0.46
LAB*LABa 18.02 0.0 0.0
LAB*LABb 18.02 0.0 0.0

relative CIELAB lab*
lab*lab 0.0 0.0 0.0
lab*ch 0.0 0.0 0.0
lab*nch 1.0 0.0 0.0
relative Natural Colour (NC)
lab*tr 0.0 0.0 0.0
lab*tc 0.0 0.0 0.0
lab*nc 1.0 0.0 0.0

$n^* = 0.00$

relative Bunttheit c^*

Ausgabe: Farbmetrisches Reflexions-System MRS18

für Buntton $h^* = lab^*h = 164/360 = 0.457$ lab^*ch und lab^*nch D65: Buntton G
LCH*Ma: 56 66 164
rgb*Ma: 0.1 1.0 0.0Dreiecks-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

relative CIELAB lab*
lab*lab 1.0 0.0 0.0
lab*ch 1.0 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*tr 1.0 0.0 0.0
lab*tc 1.0 0.0 0.0
lab*nc 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 0.0
LAB*LABb 76.06 0.0 0.0

relative CIELAB lab*
lab*lab 0.75 0.0 0.0
lab*ch 0.75 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*tr 0.75 0.0 0.0
lab*tc 0.75 0.0 0.0
lab*nc 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 0.0
LAB*LABb 56.71 0.0 0.0

relative CIELAB lab*
lab*lab 0.5 0.0 0.0
lab*ch 0.5 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*tr 0.5 0.0 0.0
lab*tc 0.5 0.0 0.0
lab*nc 0.0 0.0 0.0

relative Inform. Technology (IT)
olvi3* 0.25 0.25 0.25 (0.0)
cmyn3* 0.75 0.75 0.75 (1.0)
olvi4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 37.36 -0.13 0.63
LAB*LABa 37.36 0.0 0.0
LAB*LABb 37.36 0.0 0.0

relative CIELAB lab*
lab*lab 0.25 0.0 0.0
lab*ch 0.25 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*tr 0.25 0.0 0.0
lab*tc 0.25 0.0 0.0
lab*nc 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 0.0
LAB*LABb 18.02 0.0 0.0

relative CIELAB lab*
lab*lab 0.0 0.0 0.0
lab*ch 0.0 0.0 0.0
lab*nch 1.0 0.0 0.0
relative Natural Colour (NC)
lab*tr 0.0 0.0 0.0
lab*tc 0.0 0.0 0.0
lab*nc 1.0 0.0 0.0

$n^* = 1.0$

5 stufige Reihen für konstanten CIELAB Buntton 164/360 = 0.457 (rechts)

BAM-Prüfvorlage TG50; Farbmetrik-Systeme ORS18 & ORS18 input: $olv^*setrgbcolor$ D65: 2 Koordinatendaten; 5stufige Farbreihen für 10 Bunttöne output: $Startup(S) data dependend$

