

Eingabe: Farbmetrisches Reflexions-System NRS11

für Buntton $h^* = lab^*h = 273/360 = 0.758$

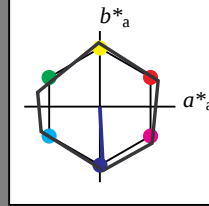
lab^*ch und lab^*nch

D65: Buntton B

LCH*Ma: 53 84 273

rgb*Ma: 0.0 0.0 1.0

Dreiecks-Helligkeit t^*



%Umfang

$u^*_{rel} = 119$

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 0.0 -0.01
LAB*Lab 95.41 0.0 0.0
LAB*TCa 99.99 0.01 0.0

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

relative Inform. Technology (IT)
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 0.75
cmyn4* 0.0 0.0 0.0 0.25
standard and adapted CIELAB
LAB*LAB 74.31 0.02 0.0
LAB*Lab 74.31 0.02 0.0
LAB*TCa 75.00 0.01 -

relative CIELAB lab*
lab*lab 0.75 0.75 0.75 (1.0)
lab*ch 0.75 0.75 0.75 (1.0)
lab*nch 0.0 0.25 0.758
relative Natural Colour (NC)
lab*trj 0.75 0.005 -0.249
lab*trc 0.75 0.02 0.753
lab*ncc 0.0 0.25 0.01

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 0.5
cmyn4* 0.0 0.0 0.0 0.5
standard and adapted CIELAB
LAB*LAB 53.21 0.04 0.0
LAB*Lab 53.21 0.04 0.0
LAB*TCa 50.00 0.01 -

relative CIELAB lab*
lab*lab 0.5 0.5 0.5 (0.0)
lab*ch 0.5 0.5 0.5 (0.0)
lab*nch 0.0 0.5 0.758
relative Natural Colour (NC)
lab*trj 0.5 0.0 0.0
lab*trc 0.5 0.0 0.0
lab*ncc 0.0 0.5 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 0.25
cmyn4* 0.0 0.0 0.0 0.75
standard and adapted CIELAB
LAB*LAB 32.11 0.07 0.01
LAB*Lab 32.11 0.07 0.01
LAB*TCa 32.11 0.01 -

relative CIELAB lab*
lab*lab 0.25 0.25 0.25 (1.0)
lab*ch 0.25 0.25 0.25 (1.0)
lab*nch 0.0 0.25 0.758
relative Natural Colour (NC)
lab*trj 0.25 0.005 -0.249
lab*trc 0.25 0.02 0.753
lab*ncc 0.0 0.25 0.01

relative Inform. Technology (IT)
olvi3* 0.0 0.0 0.0 (0.0)
cmyn3* 0.75 0.75 0.75 (0.0)
olvi4* 1.0 1.0 1.0 0.0
cmyn4* 0.0 0.0 0.0 0.75
standard and adapted CIELAB
LAB*LAB 11.01 0.07 0.01
LAB*Lab 11.01 0.07 0.01
LAB*TCa 0.01 0.01 -

relative CIELAB lab*
lab*lab 0.0 0.0 0.0 (0.0)
lab*ch 0.0 0.0 0.0 (0.0)
lab*nch 0.0 0.75 0.758
relative Natural Colour (NC)
lab*trj 0.0 0.0 0.0
lab*trc 0.0 0.0 0.0
lab*ncc 0.0 0.75 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* 1.0 1.0 1.0 0.0
cmyn4* 0.0 0.0 0.0 0.0
standard and adapted CIELAB
LAB*LAB 0.01 0.01 0.0
LAB*Lab 0.01 0.01 0.0
LAB*TCa 0.01 0.01 -

relative CIELAB lab*
lab*lab 0.0 0.0 0.0 (0.0)
lab*ch 0.0 0.0 0.0 (0.0)
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.0 0.0 0.0
lab*trc 0.0 0.0 0.0
lab*ncc 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* 1.0 1.0 1.0 0.0
cmyn4* 0.0 0.0 0.0 0.0
standard and adapted CIELAB
LAB*LAB 0.01 0.01 0.0
LAB*Lab 0.01 0.01 0.0
LAB*TCa 0.01 0.01 -

relative CIELAB lab*
lab*lab 0.0 0.0 0.0 (0.0)
lab*ch 0.0 0.0 0.0 (0.0)
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.0 0.0 0.0
lab*trc 0.0 0.0 0.0
lab*ncc 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* 1.0 1.0 1.0 0.0
cmyn4* 0.0 0.0 0.0 0.0
standard and adapted CIELAB
LAB*LAB 0.01 0.01 0.0
LAB*Lab 0.01 0.01 0.0
LAB*TCa 0.01 0.01 -

relative CIELAB lab*
lab*lab 0.0 0.0 0.0 (0.0)
lab*ch 0.0 0.0 0.0 (0.0)
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.0 0.0 0.0
lab*trc 0.0 0.0 0.0
lab*ncc 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* 1.0 1.0 1.0 0.0
cmyn4* 0.0 0.0 0.0 0.0
standard and adapted CIELAB
LAB*LAB 0.01 0.01 0.0
LAB*Lab 0.01 0.01 0.0
LAB*TCa 0.01 0.01 -

relative CIELAB lab*
lab*lab 0.0 0.0 0.0 (0.0)
lab*ch 0.0 0.0 0.0 (0.0)
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.0 0.0 0.0
lab*trc 0.0 0.0 0.0
lab*ncc 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* 1.0 1.0 1.0 0.0
cmyn4* 0.0 0.0 0.0 0.0
standard and adapted CIELAB
LAB*LAB 0.01 0.01 0.0
LAB*Lab 0.01 0.01 0.0
LAB*TCa 0.01 0.01 -

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

NRS11; adaptierte CIELAB-Daten

	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
RMa	53.2	77.06	34.32	84.36	24
JMa	53.2	-1.51	84.38	84.39	91
GMa	53.2	-82.27	18.98	84.44	167
G50BMa	53.2	-77.72	-32.98	84.44	203
BMa	53.2	4.37	-84.28	84.41	273
B50RMa	53.2	69.09	-48.41	84.37	325
NMa	10.99	0.0	0.0	0.0	0
WMa	95.41	0.0	0.0	0.0	0
RCIE	39.92	58.69	27.98	65.01	25
JCIE	81.26	-2.9	71.56	71.62	92
GCIE	52.23	-42.45	13.59	44.59	162
BCIE	30.57	1.35	-46.48	46.51	272

%Regularität

$g^*_{H,rel} = 47$

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

	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
RMa	53.2	77.06	34.32	84.36	24
JMa	53.2	-1.51	84.38	84.39	91
GMa	53.2	-82.27	18.98	84.44	167
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NMa	10.99	0.0	0.0	0.0	0
WMa	95.41	0.0	0.0	0.0	0
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GMa	53.2	-82.27	18.98	84.44	167
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GCIE	52.23	-42.45	13.59	44.59	162
BCIE	30.57	1.35	-46.48	46.51	272

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JMa	53.2	-1.51	84.38	84.39	91
GMa	53.2	-82.27	18.98	84.44	167
G50BMa	53.2	-77.72	-32.98	84.44	203
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B50RMa	53.2	69.09	-48.41	84.37	325
NMa	10.99	0.0	0.0	0.0	0
WMa	95.41	0.0	0.0	0.0	0
RCIE	39.92	58.69	27.98	65.01	25
JCIE	81.26	-2.9	71.56	71.62	92
GCIE	52.23	-42.45	13.59	44.59	162
BCIE	30.57	1.35	-46.48	46.51	272

	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
RMa	53.2	77.06	34.32	84.36	24
JMa	53.2	-1.51	84.38	84.39	91
GMa	53.2	-82.27	18.98	84.44	167
G50BMa	53.2	-77.72	-32.98	84.44	203
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B50RMa	53.2	69.09	-48.41	84.37	325
NMa	10.99	0.0	0.0	0.0	0
WMa	95.41	0.0	0.0	0.0	0
RCIE	39.92	58.69	27.98	65.01	25
JCIE	81.26	-2.9	71.56	71.62	92
GCIE	52.23	-42.45	13.59	44.59	162
BCIE	30.57	1.35	-46.48	46.51	272

Eingabe: Farbmetrisches Reflexions-System NRS11

für Buntton $h^* = lab^*h = 325/360 = 0.903$

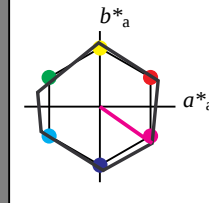
lab^*ch und lab^*nch

D65: Buntton B50R

LCH*Ma: 53 84 325

rgb*Ma: 1.0 0.0 1.0

Dreiecks-Helligkeit t^*



%Umfang

$u^*_{rel} = 119$

relative Inform. Technology (IT)

olvi3* 1.0 1.0 1.0 (1.0)

olvi4* 1.0 1.0 1.0 (1.0)

olvi5* 1.0 1.0 1.0 (1.0)

olvi6* 1.0 1.0 1.0 (1.0)

olvi7* 1.0 1.0 1.0 (1.0)

olvi8* 1.0 1.0 1.0 (1.0)

olvi9* 1.0 1.0 1.0 (1.0)

olvi10* 1.0 1.0 1.0 (1.0)

olvi11* 1.0 1.0 1.0 (1.0)

olvi12* 1.0 1.0 1.0 (1.0)

olvi13* 1.0 1.0 1.0 (1.0)

olvi14* 1.0 1.0 1.0 (1.0)

olvi15* 1.0 1.0 1.0 (1.0)

olvi16* 1.0 1.0 1.0 (1.0)

olvi17* 1.0 1.0 1.0 (1.0)

olvi18* 1.0 1.0 1.0 (1.0)

olvi19* 1.0 1.0 1.0 (1.0)

olvi20* 1.0 1.0 1.0 (1.0)

olvi21* 1.0 1.0 1.0 (1.0)

olvi22* 1.0 1.0 1.0 (1.0)

olvi23* 1.0 1.0 1.0 (1.0)

olvi24* 1.0 1.0 1.0 (1.0)

olvi25* 1.0 1.0 1.0 (1.0)

olvi26* 1.0 1.0 1.0 (1.0)

olvi27* 1.0 1.0 1.0 (1.0)

olvi28* 1.0 1.0 1.0 (1.0)

olvi29* 1.0 1.0 1.0 (1.0)

olvi30* 1.0 1.0 1.0 (1.0)

olvi31* 1.0 1.0 1.0 (1.0)

olvi32* 1.0 1.0 1.0 (1.0)

olvi33* 1.0 1.0 1.0 (1.0)

olvi34* 1.0 1.0 1.0 (1.0)

olvi35* 1.0 1.0 1.0 (1.0)

olvi36* 1.0 1.0 1.0 (1.0)

olvi37* 1.0 1.0 1.0 (1.0)

olvi38* 1.0 1.0 1.0 (1.0)

NRS11; adaptierte CIELAB-Daten

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

RMa	53.2	77.06	34.32	84.36	24
JMa	53.2	-1.51	84.38	84.39	91
GMa	53.2	-82.27	18.98	84.44	167
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NMa	10.99	0.0	0.0	0.0	0
WMa	95.41	0.0	0.0	0.0	0
RCIE	39.92	58.69	27.98	65.01	25
JCIE	81.26	-2.9	71.56	71.62	92
GCIE	52.23	-42.45	13.59	44.59	162
BCIE	30.57	1.35	-46.48	46.51	272

%Regularität

$g^*_{H,rel} = 47$

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

relative Inform. Technology (IT)

olvi3* 1.0 0.5 1.0 (1.0)

olvi4* 1.0 0.5 1.0 (1.0)

olvi5* 1.0 0.5 1.0 (1.0)

olvi6* 1.0 0.5 1.0 (1.0)

olvi7* 1.0 0.5 1.0 (1.0)

olvi8* 1.0 0.5 1.0 (1.0)

olvi9* 1.0 0.5 1.0 (1.0)

olvi10* 1.0 0.5 1.0 (1.0)

olvi11* 1.0 0.5 1.0 (1.0)

olvi12* 1.0 0.5 1.0 (1.0)

olvi13* 1.0 0.5 1.0 (1.0)

olvi14* 1.0 0.5 1.0 (1.0)

olvi15* 1.0 0.5 1.0 (1.0)

olvi16* 1.0 0.5 1.0 (1.0)

olvi17* 1.0 0.5 1.0 (1.0)

olvi18* 1.0 0.5 1.0 (1.0)

olvi19* 1.0 0.5 1.0 (1.0)

olvi20* 1.0 0.5 1.0 (1.0)

olvi21* 1.0 0.5 1.0 (1.0)

olvi22* 1.0 0.5 1.0 (1.0)

olvi23* 1.0 0.5 1.0 (1.0)

olvi24* 1.0 0.5 1.0 (1.0)

olvi25* 1.0 0.5 1.0 (1.0)

olvi26* 1.0 0.5 1.0 (1.0)

olvi27* 1.0 0.5 1.0 (1.0)

olvi28* 1.0 0.5 1.0 (1.0)

olvi29* 1.0 0.5 1.0 (1.0)

olvi30* 1.0 0.5 1.0 (1.0)

olvi31* 1.0 0.5 1.0 (1.0)

olvi32* 1.0 0.5 1.0 (1.0)

Ausgabe: Farbmetrisches Reflexions-System ORS18

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

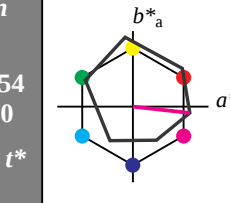
lab^*ch und lab^*nch

D65: Buntton M

LCH*Ma: 48 76 354

rgb*Ma: 1.0 0.0 1.0

Dreiecks-Helligkeit t^*



%Umfang

$u^*_{rel} = 93$

relative Inform. Technology (IT)

olvi3* 1.0 1.0 1.0 (1.0)

olvi4* 1.0 1.0 1.0 (1.0)

olvi5* 1.0 1.0 1.0 (1.0)

olvi6* 1.0 1.0 1.0 (1.0)

olvi7* 1.0 1.0 1.0 (1.0)

olvi8* 1.0 1.0 1.0 (1.0)

olvi9* 1.0 1.0 1.0 (1.0)

olvi10* 1.0 1.0 1.0 (1.0)

olvi11* 1.0 1.0 1.0 (1.0)

olvi12* 1.0 1.0 1.0 (1.0)

olvi13* 1.0 1.0 1.0 (1.0)

olvi14* 1.0 1.0 1.0 (1.0)

olvi15* 1.0 1.0 1.0 (1.0)

olvi16* 1.0 1.0 1.0 (1.0)

olvi17* 1.0 1.0 1.0 (1.0)

olvi18* 1.0 1.0 1.0 (1.0)

olvi19* 1.0 1.0 1.0 (1.0)

olvi20* 1.0 1.0 1.0 (1.0)

olvi21* 1.0 1.0 1.0 (1.0)

olvi22* 1.0 1.0 1.0 (1.0)

olvi23* 1.0 1.0 1.0 (1.0)

olvi24* 1.0 1.0 1.0 (1.0)

olvi25* 1.0 1.0 1.0 (1.0)

olvi26* 1.0 1.0 1.0 (1.0)

olvi27* 1.0 1.0 1.0 (1.0)

olvi28* 1.0 1.0 1.0 (1.0)

olvi29* 1.0 1.0 1.0 (1.0)

olvi30* 1.0 1.0 1.0 (1.0)

olvi31* 1.0 1.0 1.0 (1.0)

olvi32* 1.0 1.0 1.0 (1.0)

olvi33* 1.0 1.0 1.0 (1.0)

olvi34* 1.0 1.0 1.0 (1.0)

olvi35* 1.0 1.0 1.0 (1.0)

olvi36* 1.0 1.0 1.0 (1.0)

olvi37* 1.0 1.0 1.0 (1.0)

olvi38* 1.0 1.0 1.0 (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* 1.0 0.5 1.0 (1.0)

olvi4* 1.0 0.5 1.0 (1.0)

olvi5* 1.0 0.5 1.0 (1.0)

olvi6* 1.0 0.5 1.0 (1.0)

olvi7* 1.0 0.5 1.0 (1.0)

olvi8* 1.0 0.5 1.0 (1.0)

olvi9* 1.0 0.5 1.0 (1.0)

olvi10* 1.0 0.5 1.0 (1.0)

olvi11* 1.0 0.5 1.0 (1.0)

olvi12* 1.0 0.5 1.0 (1.0)

olvi13* 1.0 0.5 1.0 (1.0)

olvi14* 1.0 0.5 1.0 (1.0)

olvi15* 1.0 0.5 1.0 (1.0)

olvi16* 1.0 0.5 1.0 (1.0)

olvi17* 1.0 0.5 1.0 (1.0)

olvi18* 1.0 0.5 1.0 (1.0)

olvi19* 1.0 0.5 1.0 (1.0)

olvi20* 1.0 0.5 1.0 (1.0)

olvi21* 1.0 0.5 1.0 (1.0)

olvi22* 1.0 0.5 1.0 (1.0)

olvi23* 1.0 0.5 1.0 (1.0)

olvi24* 1.0 0.5 1.0 (1.0)

olvi25* 1.0 0.5 1.0 (1.0)

olvi26* 1.0 0.5 1.0 (1.0)

olvi27* 1.0 0.5 1.0 (1.0)

olvi28* 1.0 0.5 1.0 (1.0)

olvi29* 1.0 0.5 1.0 (1.0)

olvi30* 1.0 0.5 1.0 (1.0)

olvi31* 1.0 0.5 1.0 (1.0)

olvi32* 1.0 0.5 1.0 (1.0)

BAM-Prüfvorlage UG57; Farbmetrik-Systeme NRS11 & ORS18input: cmy0* setcmycolor

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

Eingabe: Farbmetrisches Reflexions-System NRS11

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

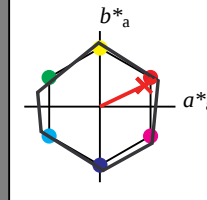
$lab \cdot tch$ und $lab \cdot nch$

D65: Buntton R

LCH*Ma: 53 83 25

rgb*Ma: 1.0 0.03 0.0

Dreiecks-Helligkeit t^*



NRS11; adaptierte CIELAB-Daten

	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
RMa	53.2	77.06	34.32	84.36	24
JMa	53.2	-1.51	84.38	84.39	91
GMa	53.2	-82.27	18.98	84.44	167
G50BMa	53.2	-77.72	-32.98	84.44	203
BMa	53.2	4.37	-84.28	84.41	273
B50RMa	53.2	69.09	-48.41	84.37	325
NMa	10.99	0.0	0.0	0.0	0
WMa	95.41	0.0	0.0	0.0	0
RCIE	39.92	58.69	27.98	65.01	25
JCIE	81.26	-2.9	71.56	71.62	92
GCIE	52.23	-42.45	13.59	44.59	162
BCIE	30.57	1.35	-46.48	46.51	272

%Regularität

$g^*_{H,rel} = 47$

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

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)
olvi5*	1.0	1.0	1.0	(1.0)
olvi5*	0.0	0.0	0.0	(0.0)

standard and adapted CIELAB

LAB*LAB	95.41	0.0	-0.01
LAB*LAB	95.41	0.0	0.0
LAB*LAB	95.41	0.0	0.0

relative CIELAB lab*

lab*lab	1.0	0.0	0.0
lab*lab	0.0	1.0	0.0
lab*lab	0.0	0.0	1.0

relative Natural Colour (NC)

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

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)
olvi5*	1.0	1.0	1.0	(1.0)
olvi5*	0.0	0.0	0.0	(0.0)

standard and adapted CIELAB

LAB*LAB	74.31	0.02	0.0
LAB*LAB	74.31	0.02	0.0
LAB*LAB	74.31	0.02	0.0

relative CIELAB lab*

lab*lab	0.75	0.25	0.0
lab*lab	0.25	0.75	0.0
lab*lab	0.0	0.0	1.0

relative Natural Colour (NC)

lab*trj	0.75	0.25	0.0
lab*trj	0.25	0.75	0.0
lab*trj	0.0	0.0	1.0

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)
olvi5*	1.0	1.0	1.0	(1.0)
olvi5*	0.0	0.0	0.0	(0.0)

standard and adapted CIELAB

LAB*LAB	53.21	0.04	0.0
LAB*LAB	53.21	0.04	0.0
LAB*LAB	53.21	0.04	0.0

relative CIELAB lab*

lab*lab	0.5	0.5	0.0
lab*lab	0.0	0.0	1.0
lab*lab	0.0	0.0	0.0

relative Natural Colour (NC)

lab*trj	0.5	0.5	0.0
lab*trj	0.0	0.0	1.0
lab*trj	0.0	0.0	0.0

relative Inform. Technology (IT)

olvi3*	0.25	0.25	0.25	(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)
olvi5*	1.0	1.0	1.0	(1.0)
olvi5*	0.0	0.0	0.0	(0.0)

standard and adapted CIELAB

LAB*LAB	32.11	0.01	0.0
LAB*LAB	32.11	0.01	0.0
LAB*LAB	32.11	0.01	0.0

relative CIELAB lab*

lab*lab	0.25	0.25	0.0
lab*lab	0.0	0.0	1.0
lab*lab	0.0	0.0	0.0

relative Natural Colour (NC)

lab*trj	0.25	0.25	0.0
lab*trj	0.0	0.0	1.0
lab*trj	0.0	0.0	0.0

relative Inform. Technology (IT)

olvi3*	0.0	0.0	0.0	(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)
olvi5*	1.0	1.0	1.0	(1.0)
olvi5*	0.0	0.0	0.0	(0.0)

standard and adapted CIELAB

LAB*LAB	11.01	0.07	0.01
LAB*LAB	11.01	0.07	0.01
LAB*LAB	11.01	0.07	0.01

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

relative Natural Colour (NC)

lab*trj	0.0	0.0	0.0
lab*trj	0.0	0.0	0.0
lab*trj	0.0	0.0	0.0

relative Inform. Technology (IT)

olvi3*	0.0	0.0	0.0	(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)
olvi5*	1.0	1.0	1.0	(1.0)
olvi5*	0.0	0.0	0.0	(0.0)

standard and adapted CIELAB

LAB*LAB	0.01	0.01	0.0
LAB*LAB	0.01	0.01	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

relative Natural Colour (NC)

lab*trj	0.0	0.0	0.0
lab*trj	0.0	0.0	0.0
lab*trj	0.0	0.0	0.0

Ausgabe: Farbmetrisches Reflexions-System ORS18

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

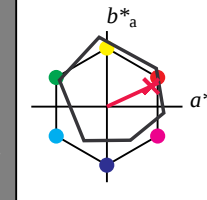
$lab \cdot tch$ und $lab \cdot nch$

D65: Buntton R

LCH*Ma: 48 75 25

rgb*Ma: 1.0 0.0 0.32

Dreiecks-Helligkeit t^*



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	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)
olvi5*	1.0	1.0	1.0	(1.0)
olvi5*	0.0	0.0	0.0	(0.0)

standard and adapted CIELAB

LAB*LAB	95.41	-0.97	4.75
LAB*LAB	95.41	-0.97	4.75
LAB*LAB	95.41	-0.97	4.75

relative CIELAB lab*

lab*lab	1.0	0.0	0.0
lab*lab	0.0	1.0	0.0
lab*lab	0.0	0.0	1.0

relative Natural Colour (NC)

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

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)
olvi5*	1.0	1.0	1.0	(1.0)
olvi5*	0.0	0.0	0.0	(0.0)

standard and adapted CIELAB

LAB*LAB	76.06	-0.344	0.0
LAB*LAB	76.06	-0.344	0.0
LAB*LAB	76.06	-0.344	0.0

relative CIELAB lab*

lab*lab	0.75	0.25	0.0
lab*lab	0.25	0.75	0.0
lab*lab	0.0	0.0	1.0

relative Natural Colour (NC)

lab*trj	0.75	0.25	0.0
lab*trj	0.25	0.75	0.0
lab*trj	0.0	0.0	1.0

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)
olvi5*	1.0	1.0	1.0	(1.0)
olvi5*	0.0	0.0	0.0	(0.0)

standard and adapted CIELAB

LAB*LAB	56.71	0.23	2.14
LAB*LAB	56.71	0.23	2.14
LAB*LAB	56.71	0.23	2.14

relative CIELAB lab*

lab*lab	0.5	0.5	0.0
lab*lab	0.0	0.0	1.0
lab*lab	0.0	0.0	0.0

relative Natural Colour (NC)

lab*trj	0.5	0.5	0.0
lab*trj	0.0	0.0	1.0
lab*trj	0.0	0.0	0.0

relative Inform. Technology (IT)

olvi3*	0.25	0.25	0.25	(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)
olvi5*	1.0	1.0	1.0	(1.0)
olvi5*	0.0	0.0	0.0	(0.0)

standard and adapted CIELAB

LAB*LAB	37.36	0.13	0.88
LAB*LAB	37.36	0.13	0.88
LAB*LAB	37.36	0.13	0.88

relative CIELAB lab*

lab*lab	0.25	0.25	0.0
lab*lab	0.0	0.0	1.0
lab*lab	0.0	0.0	0.0

relative Natural Colour (NC)

lab*trj	0.25	0.25	0.0
lab*trj	0.0	0.0	1.0
lab*trj	0.0	0.0	0.0

relative Inform. Technology (IT)

olvi3*	0.0	0.0	0.0	(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)
olvi5*	1.0	1.0	1.0	(1.0)
olvi5*	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	0.46
LAB*LAB	18.02	0.0	0.46

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

relative Natural Colour (NC)

lab*trj	0.0	0.0	0.0
lab*trj	0.0	0.0	0.0
lab*trj	0.0	0.0	0.0

relative Inform. Technology (IT)

olvi3*	0.0	0.0	0.0	(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)
olvi5*	1.0	1.0	1.0	(1.0)
olvi5*	0.0	0.0	0.0	(0.0)

standard and adapted CIELAB

LAB*LAB	0.01	0.01	0.0
LAB*LAB	0.01	0.01	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

relative Natural Colour (NC)

lab*trj	0.0	0.0	0.0
lab*trj	0.0	0.0	0.0
lab*trj	0.0	0.0	0.0

UG570-7, 5 stufige Reihen für konstanten CIELAB Buntton 25/360

Eingabe: Farbmetrisches Reflexions-System NRS11

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

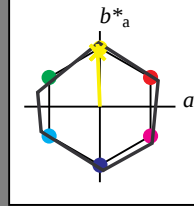
lab^*ch und lab^*nch

D65: Buntton J

LCH*Ma: 53 83 92

rgb*Ma: 0.98 1.0 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 0.0 -0.01
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*ce 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 74.31 0.02 0.0
LAB*LABa 74.31 0.02 0.0
LAB*LABb 74.31 0.02 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*ce 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 53.21 0.04 0.0
LAB*LABa 53.21 0.04 0.0
LAB*LABb 53.21 0.04 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*ce 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 32.11 0.07 0.01
LAB*LABa 32.11 0.07 0.01
LAB*LABb 32.11 0.07 0.01

relative CIELAB lab*
lab*lab 0.25 0.0 0.0
lab*ch 0.25 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*tr 0.25 0.0 0.0
lab*ce 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 11.01 0.07 0.01
LAB*LABa 11.01 0.07 0.01
LAB*LABb 11.01 0.07 0.01

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*ce 0.0 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 0.01 0.01 0.01
LAB*LABa 0.01 0.01 0.01
LAB*LABb 0.01 0.01 0.01

relative CIELAB lab*
lab*lab 0.0 0.0 0.0
lab*ch 0.0 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*tr 0.0 0.0 0.0
lab*ce 0.0 0.0 0.0
lab*nce 0.0 0.0 0.0

NRS11; adaptierte CIELAB-Daten

	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
RMa	53.2	77.06	34.32	84.36	24
JMa	53.2	-1.51	84.38	84.39	91
GMa	53.2	-82.27	18.98	84.44	167
G50BMa	53.2	-77.72	-32.98	84.44	203
BMa	53.2	4.37	-84.28	84.41	273
B50RMa	53.2	69.09	-48.41	84.37	325
NMa	10.99	0.0	0.0	0.0	0
WMa	95.41	0.0	0.0	0.0	0
RCIE	39.92	58.69	27.98	65.01	25
JCIE	81.26	-2.9	71.56	71.62	92
GCIE	52.23	-42.45	13.59	44.59	162
BCIE	30.57	1.35	-46.48	46.51	272

%Regularität

$g^*_{H,rel} = 47$

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

relative Inform. Technology (IT)
olvi3* 0.989 1.0 0.5 (1.0)
cmyn3* 0.011 0.0 0.5 (0.0)
olvi4* 0.989 1.0 0.5 (1.0)
cmyn4* 0.011 0.0 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 74.3 1.64 41.44
LAB*LABa 74.3 1.67 41.44
LAB*LABb 74.3 1.67 41.44

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*ce 0.75 0.0 0.0
lab*nce 0.0 0.0 0.0

relative Inform. Technology (IT)
olvi3* 0.739 0.75 0.25 (1.0)
cmyn3* 0.261 0.25 0.75 (0.0)
olvi4* 0.989 1.0 0.5 (1.0)
cmyn4* 0.011 0.0 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 53.2 -1.63 41.45
LAB*LABa 53.2 -1.68 41.44
LAB*LABb 53.2 -1.68 41.44

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*ce 0.5 0.0 0.0
lab*nce 0.0 0.0 0.0

relative Inform. Technology (IT)
olvi3* 0.489 0.5 0.0 (1.0)
cmyn3* 0.511 0.5 0.0 (0.0)
olvi4* 0.989 1.0 0.5 (1.0)
cmyn4* 0.011 0.0 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 32.1 -1.62 41.45
LAB*LABa 32.1 -1.68 41.44
LAB*LABb 32.1 -1.68 41.44

relative CIELAB lab*
lab*lab 0.25 0.0 0.0
lab*ch 0.25 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*tr 0.25 0.0 0.0
lab*ce 0.25 0.0 0.0
lab*nce 0.0 0.0 0.0

relative Inform. Technology (IT)
olvi3* 0.244 0.25 0.0 (1.0)
cmyn3* 0.756 0.75 0.0 (0.0)
olvi4* 0.989 1.0 0.5 (1.0)
cmyn4* 0.011 0.0 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 11.0 -0.76 20.73
LAB*LABa 11.0 -0.83 20.71
LAB*LABb 11.0 -0.83 20.71

relative CIELAB lab*
lab*lab 0.125 -0.009 0.25
lab*ch 0.125 0.25 0.256
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*tr 0.125 0.25 0.256
lab*ce 0.125 0.25 0.256
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 0.01 0.01 0.01
LAB*LABa 0.01 0.01 0.01
LAB*LABb 0.01 0.01 0.01

relative CIELAB lab*
lab*lab 0.0 0.0 0.0
lab*ch 0.0 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*tr 0.0 0.0 0.0
lab*ce 0.0 0.0 0.0
lab*nce 0.0 0.0 0.0

Ausgabe: Farbmetrisches Reflexions-System ORS18

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

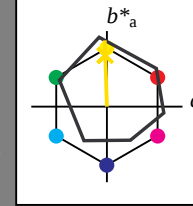
lab^*ch und lab^*nch

D65: Buntton J

LCH*Ma: 86 88 92

rgb*Ma: 1.0 0.9 0.0

Dreiecks-Helligkeit t^*



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*ce 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 -0.6 3.44
LAB*LABb 76.06 -0.6 3.44

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*ce 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 0.23 2.14
LAB*LABb 56.71 0.23 2.14

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*ce 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 0.13 0.25
LAB*LABa 37.36 0.13 0.25
LAB*LABb 37.36 0.13 0.25

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*ce 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 0.0 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*tr 0.0 0.0 0.0
lab*ce 0.0 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 0.01 0.01 0.01
LAB*LABa 0.01 0.01 0.01
LAB*LABb 0.01 0.01 0.01

relative CIELAB lab*
lab*lab 0.0 0.0 0.0
lab*ch 0.0 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*tr 0.0 0.0 0.0
lab*ce 0.0 0.0 0.0
lab*nce 0.0 0.0 0.0

ORS18; adaptierte CIELAB-Daten

	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
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 0.951 0.5 (1.0)
cmyn3* 0.0 0.049 0.5 (0.0)
olvi4* 1.0 0.951 0.5 (1.0)
cmyn4* 0.0 0.049 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 90.8 -2.3 48.29
LAB*LABa 90.8 -2.3 48.29
LAB*LABb 90.8 -2.3 48.29

relative CIELAB lab*
lab*lab 0.94 -0.015 0.5
lab*ch 0.75 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*tr 0.94 0.0 0.0
lab*ce 0.75 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 0.951 0.5 (1.0)
cmyn4* 0.0 0.049 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 73.75 -1.26 25.22
LAB*LABa 73.75 -1.26 25.22
LAB*LABb 73.75 -1.26 25.22

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*ce 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 0.951 0.5 (1.0)
cmyn4* 0.0 0.049 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 56.71 0.23 2.14
LAB*LABa 56.71 0.23 2.14
LAB*LABb 56.71 0.23 2.14

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*ce 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 0.951 0.5 (1.0)
cmyn4* 0.0 0.049 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 37.36 0.13 0.25
LAB*LABa 37.36 0.13 0.25
LAB*LABb 37.36 0.13 0.25

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*ce 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 0.0 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*tr 0.0 0.0 0.0
lab*ce 0.0 0.0 0.0
lab*nce 0.0 0.0 0.0

UG570-7, 5 stufige Reihen für konstanten CIELAB Buntton 92/360 = 0.256 (links)

5 stufige Reihen für konstanten CIELAB Buntton 92/360 = 0.255 (rechts)

BAM-Prüfvorlage UG57; Farbmetrik-Systeme NRS11 & ORS18input: $cmY0^* setcmykcolor$

D65: 2 Koordinaten-Daten von 5stufigen Farbreihen für 10 Bunttonen: $no\ change\ compared\ to\ input$

D65: 2 Koordinaten-Daten von 5stufigen Farbreihen für 10 Bunttöne

-8	
-6	

Siehe ähnliche Dateien: <http://www.ps.bam.de/UG57/>
Technische Information: <http://www.ps.bam.de> Version 2.1, io=0,0

BAM-Registrierung: 20060101-UG5//10Q/Q5/G09NP.ps, PDF BAM-Material: Code=rha4ta
Anwendung für Beurteilung und Messung von Drucker- oder Monitorsystemen

-8	
-6	

UG570-7, 5 stufige Reihen für konstanten CIELAB Buntton 272/360 = 0.755 (links)

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

BAM-Prüfvorlage UG57; Farbmeter-Systeme NRS11 & ORS18input: *cmy0* setcmykcolor*

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

Saitenzblum 10