

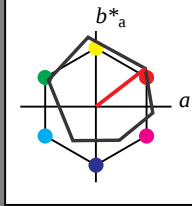
Eingabe: Farbmetrisches Reflexions-System ORS18

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)
LAB*LAB	95.41	-0.97	7.5	0.0
LAB*LABa	95.41	0.0	0.0	0.0
LAB*LABb	99.99	0.01	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	-

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)
LAB*LAB	76.06	-0.6	3.44	0.0
LAB*LABa	76.06	0.0	0.0	0.0
LAB*LABb	75.00	0.01	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*lab	0.75	0.0	0.0	-
lab*ch	0.75	0.0	0.0	-
lab*nch	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)
LAB*LAB	56.71	-0.23	2.14	0.0
LAB*LABa	56.71	0.0	0.0	0.0
LAB*LABb	50.00	0.01	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*lab	0.5	0.0	0.0	-
lab*ch	0.5	0.0	0.0	-
lab*nch	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)
LAB*LAB	37.36	-0.48	0.83	0.0
LAB*LABa	37.36	0.0	0.0	0.0
LAB*LABb	25.00	0.01	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*lab	0.25	0.0	0.0	-
lab*ch	0.25	0.0	0.0	-
lab*nch	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)
LAB*LAB	18.02	0.0	0.46	0.0
LAB*LABa	18.02	0.0	0.0	0.0
LAB*LABb	0.01	0.01	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*lab	0.0	0.0	0.0	-
lab*ch	0.0	0.0	0.0	-
lab*nch	0.0	0.0	0.0	-

 $n^* = 1.0$

relative Inform. Technology (IT)

olvi3*	1.0	0.75	0.75	(1.0)
cmyn3*	0.0	0.25	0.25	(0.0)
olvi4*	1.0	0.75	0.75	(1.0)
cmyn4*	0.0	0.25	0.25	(0.0)
LAB*LAB	83.54	15.58	16.58	0.0
LAB*LABa	83.54	16.34	12.62	0.0
LAB*LABb	97.5	20.65	37.7	0.0

relative CIELAB lab*

lab*lab	0.847	0.198	0.153	0.0
lab*ch	0.875	0.25	0.105	0.0
lab*nch	0.0	0.25	0.105	0.0

relative Natural Colour (NC)

lab*lab	0.847	0.238	0.075	0.0
lab*ch	0.875	0.25	0.048	0.0
lab*nch	0.0	0.25	0.19	0.0

relative Inform. Technology (IT)

olvi3*	0.75	0.5	0.5	(1.0)
cmyn3*	0.25	0.5	0.5	(0.0)
olvi4*	1.0	0.75	0.75	(1.0)
cmyn4*	0.0	0.25	0.25	(0.0)
LAB*LAB	64.19	15.96	15.28	0.0
LAB*LABa	64.19	16.34	12.63	0.0
LAB*LABb	62.5	20.65	37.7	0.0

relative CIELAB lab*

lab*lab	0.597	0.225	0.153	0.0
lab*ch	0.625	0.25	0.105	0.0
lab*nch	0.0	0.25	0.105	0.0

relative Natural Colour (NC)

lab*lab	0.597	0.239	0.075	0.0
lab*ch	0.625	0.25	0.048	0.0
lab*nch	0.0	0.25	0.19	0.0

relative Inform. Technology (IT)

olvi3*	0.5	0.0	0.0	(1.0)
cmyn3*	0.5	0.75	0.75	(0.0)
olvi4*	1.0	0.75	0.75	(1.0)
cmyn4*	0.0	0.25	0.25	(0.0)
LAB*LAB	44.48	16.33	13.98	0.0
LAB*LABa	44.48	16.34	12.63	0.0
LAB*LABb	37.5	20.65	37.7	0.0

relative CIELAB lab*

lab*lab	0.347	0.198	0.153	0.0
lab*ch	0.375	0.25	0.105	0.0
lab*nch	0.0	0.25	0.105	0.0

relative Natural Colour (NC)

lab*lab	0.347	0.239	0.075	0.0
lab*ch	0.375	0.25	0.048	0.0
lab*nch	0.0	0.25	0.19	0.0

relative Inform. Technology (IT)

olvi3*	0.25	0.0	0.0	(1.0)
cmyn3*	0.75	1.0	1.0	(0.0)
olvi4*	1.0	1.0	1.0	(1.0)
cmyn4*	0.0	0.25	0.25	(0.0)
LAB*LAB	22.98	32.9	37.7	0.0
LAB*LABa	22.98	32.98	25.25	0.0
LAB*LABb	25.01	41.3	37.7	0.0

relative CIELAB lab*

lab*lab	0.193	0.396	0.306	0.0
lab*ch	0.25	0.5	0.105	0.0
lab*nch	0.0	0.5	0.105	0.0

relative Natural Colour (NC)

lab*lab	0.193	0.477	0.15	0.0
lab*ch	0.25	0.5	0.048	0.0
lab*nch	0.0	0.5	0.19	0.0

relative Inform. Technology (IT)

olvi3*	0.0	0.0	0.0	(1.0)
cmyn3*	0.75	1.0	1.0	(0.0)
olvi4*	1.0	1.0	1.0	(1.0)
cmyn4*	0.0	0.25	0.25	(0.0)
LAB*LAB	25.5	16.34	12.62	0.0
LAB*LABa	25.5	16.34	12.62	0.0
LAB*LABb	12.5	20.65	37.7	0.0

 $n^* = 0.50$

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)
LAB*LAB	71.67	32.15	28.41	0.0
LAB*LABa	71.67	32.68	25.25	0.0
LAB*LABb	75.0	41.3	37.7	0.0

relative CIELAB lab*

lab*lab	0.693	0.396	0.306	0.0
lab*ch	0.75	0.5	0.105	0.0
lab*nch	0.0	0.5	0.105	0.0

relative Natural Colour (NC)

lab*lab	0.693	0.477	0.15	0.0
lab*ch	0.75	0.5	0.048	0.0
lab*nch	0.0	0.5	0.19	0.0

relative Inform. Technology (IT)

olvi3*	0.75	0.0	0.0	(1.0)
cmyn3*	0.25	0.75	0.75	(0.0)
olvi4*	1.0	0.5	0.5	(1.0)
cmyn4*	0.0	0.25	0.25	(0.0)
LAB*LAB	52.33	32.53	27.11	0.0
LAB*LABa	52.33	32.68	25.25	0.0
LAB*LABb	50.0	41.3	37.7	0.0

relative CIELAB lab*

lab*lab	0.443	0.396	0.306	0.0
lab*ch	0.5	0.5	0.105	0.0
lab*nch	0.0	0.5	0.105	0.0

relative Natural Colour (NC)

lab*lab	0.443	0.477	0.15	0.0
lab*ch	0.5	0.5	0.048	0.0
lab*nch	0.0	0.5	0.19	0.0

relative Inform. Technology (IT)

olvi3*	0.5	0.0	0.0	(1.0)
cmyn3*	0.5	1.0	1.0	(0.0)
olvi4*	1.0	0.5	0.5	(1.0)
cmyn4*	0.0	0.5	0.5	(0.0)
LAB*LAB	32.98	32.98	25.25	0.0
LAB*LABa	32.98	32.68	25.25	0.0
LAB*LABb	25.01	41.3	37.7	0.0

relative CIELAB lab*

lab*lab	0.193	0.396	0.306	0.0
lab*ch	0.25	0.5	0.105	0.0
lab*nch	0.0	0.5	0.105	0.0

relative Natural Colour (NC)

lab*lab	0.193	0.477	0.15	0.0
lab*ch	0.25	0.5	0.048	0.0
lab*nch	0.0	0.5	0.19	0.0

relative Inform. Technology (IT)

olvi3*	0.25	0.0	0.0	(1.0)
cmyn3*	0.75	1.0	1.0	(0.0)
olvi4*	1.0	0.5	0.5	(1.0)
cmyn4*	0.0	0.25	0.25	(0.0)
LAB*LAB	18.02	18.02	0.46	0.0
LAB*LABa	18.02	18.02	0.0	0.0
LAB*LABb	0.01	0.01	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*lab	0.0	0.0	0.0	-
lab*ch	0.0	0.0	0.0	-
lab*nch	0.0	0.0	0.0	-

 $n^* = 0.25$

relative Inform. Technology (IT)

olvi3*	1.0	0.25	0.25	(1.0)
cmyn3*	0.0	0.75	0.75	(0.0)
olvi4*	1.0	0.25	0.25	(1.0)
cmyn4*	0.0	0.75	0.75	(0.0)
LAB*LAB	59.81	48.72	40.24	0.0
LAB*LABa	59.81	49.02	37.88	0.0
LAB*LABb	62.5	61.95	37.7	0.0

relative CIELAB lab*

lab*lab	0.54	0.593	0.459	0.0
lab*ch	0.625	0.75	0.105	0.0
lab*nch	0.0	0.75	0.105	0.0

relative Natural Colour (NC)

lab*lab	0.54	0.715	0.225	0.0
lab*ch	0.625	0.75	0.048	0.0
lab*nch	0.0	0.75	0.19	0.0

ir 10 Bunttöne: one^1 output: Startup (S) data depend

Eingabe: Farbmetrisches Reflexions-System ORS18

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

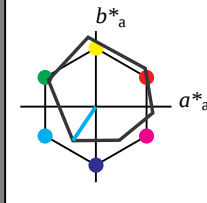
lab^*ch und lab^*nch

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

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 (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*trj 0.75 0.0 0.0
lab*trc 0.75 0.0 0.0
lab*ncc 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*trj 0.5 0.0 0.0
lab*trc 0.5 0.0 0.0
lab*ncc 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 -0.83 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*trj 0.25 0.0 0.0
lab*trc 0.25 0.0 0.0
lab*ncc 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*trj 0.0 0.0 0.0
lab*trc 0.0 0.0 0.0
lab*ncc 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*trj 0.0 0.0 0.0
lab*trc 0.0 0.0 0.0
lab*ncc 1.0 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	50.59	-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

%Regularität

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

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

relative Inform. Technology (IT)

olvi3* 0.5 0.5 0.5 (1.0)
cmyn3* 0.5 0.5 0.5 (0.0)
olvi4* 0.5 0.5 0.5 (1.0)
cmyn4* 0.5 0.5 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 77.01 -15.16 -19.98
LAB*LABa 77.01 -15.16 -19.98
LAB*LABb 77.01 -15.16 -19.98

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*trj 0.5 0.0 0.0
lab*trc 0.5 0.0 0.0
lab*ncc 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* 0.5 0.5 0.5 (1.0)
cmyn4* 0.5 0.5 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 57.66 -15.17 -22.5
LAB*LABa 57.66 -15.17 -22.5
LAB*LABb 57.66 -15.17 -22.5

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*trj 0.25 0.0 0.0
lab*trc 0.25 0.0 0.0
lab*ncc 0.0 0.0 0.0

relative Inform. Technology (IT)

olvi3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 0.0 0.0 (0.0)
olvi4* 0.5 0.5 0.5 (1.0)
cmyn4* 0.5 0.5 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 38.12 -15.03 -11.59
LAB*LABa 38.12 -15.03 -11.59
LAB*LABb 38.12 -15.03 -11.59

relative CIELAB lab*

lab*lab 0.0 0.0 0.0
lab*ch 0.0 0.0 0.0
lab*nch 0.5 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 0.5 0.0 0.0

relative Inform. Technology (IT)

olvi3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 0.0 0.0 (0.0)
olvi4* 0.5 0.5 0.5 (1.0)
cmyn4* 0.5 0.5 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 28.17 -7.58 -11.24
LAB*LABa 28.17 -7.58 -11.24
LAB*LABb 28.17 -7.58 -11.24

relative CIELAB lab*

lab*lab 0.0 0.0 0.0
lab*ch 0.0 0.0 0.0
lab*nch 0.5 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 0.5 0.0 0.0

relative Inform. Technology (IT)

olvi3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 0.0 0.0 (0.0)
olvi4* 0.5 0.5 0.5 (1.0)
cmyn4* 0.5 0.5 0.5 (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*trj 0.0 0.0 0.0
lab*trc 0.0 0.0 0.0
lab*ncc 1.0 0.0 0.0

Ausgabe: Farbmetrisches Reflexions-System MRS18a

für Buntton $h^* = lab^*h = 217/360 = 0.601$

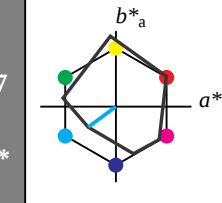
lab^*ch und lab^*nch

D65: Buntton G50B

LCH*Ma: 45 46 217

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 0.01 0.0
LAB*LABa 95.41 0.01 0.0
LAB*LABb 95.41 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 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 76.06 0.03 0.25
LAB*LABa 76.06 0.03 0.25
LAB*LABb 76.06 0.03 0.25

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*trj 0.75 0.0 0.0
lab*trc 0.75 0.0 0.0
lab*ncc 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 0.05 0.1
LAB*LABa 56.71 0.05 0.1
LAB*LABb 56.71 0.05 0.1

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*trj 0.5 0.0 0.0
lab*trc 0.5 0.0 0.0
lab*ncc 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 0.07 0.24
LAB*LABa 37.36 0.07 0.24
LAB*LABb 37.36 0.07 0.24

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*trj 0.25 0.0 0.0
lab*trc 0.25 0.0 0.0
lab*ncc 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*trj 0.0 0.0 0.0
lab*trc 0.0 0.0 0.0
lab*ncc 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*trj 0.0 0.0 0.0
lab*trc 0.0 0.0 0.0
lab*ncc 1.0 0.0 0.0

MRS18a; adaptierte CIELAB-Daten

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

RMa	49.63	66.8	40.02	77.87	31
JMa	90.7	-7.27	93.19	93.48	94
GMa	52.11	-69.93	11.26	70.85	171
G50BMa	45.03	-36.65	-27.13	45.61	217
BMa	36.65	23.26	-62.27	66.49	290
B50RMa	34.94	57.27	-43.6	71.99	323
NMa	18.01	0.0	0.0	0.0	0
WMa	95.41	0.0	0.0	0.0	0
RCIE	39.92	58.67	27.97	64.99	25
JCIE	81.26	-2.91	71.56	71.62	92
GCIE	52.23	-42.47	13.58	44.6	162
BCIE	30.57	1.33	-46.48	46.51	272

%Regularität

$g^*_{H,rel} = 42$

$g^*_{C,rel} = 49$

relative Inform. Technology (IT)

olvi3* 0.5 0.5 0.5 (1.0)
cmyn3* 0.5 0.5 0.5 (0.0)
olvi4* 0.5 0.5 0.5 (1.0)
cmyn4* 0.5 0.5 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 70.21 -18.28 -13.55
LAB*LABa 70.21 -18.28 -13.55
LAB*LABb 70.21 -18.28 -13.55

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*trj 0.5 0.0 0.0
lab*trc 0.5 0.0 0.0
lab*ncc 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* 0.5 0.5 0.5 (1.0)
cmyn4* 0.5 0.5 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 50.87 -18.26 -13.54
LAB*LABa 50.87 -18.26 -13.54
LAB*LABb 50.87 -18.26 -13.54

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*trj 0.25 0.0 0.0
lab*trc 0.25 0.0 0.0
lab*ncc 0.0 0.0 0.0

relative Inform. Technology (IT)

olvi3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 0.0 0.0 (0.0)
olvi4* 0.5 0.5 0.5 (1.0)
cmyn4* 0.5 0.5 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 38.28 -7.41 -11.24
LAB*LABa 38.28 -7.41 -11.24
LAB*LABb 38.28 -7.41 -11.24

relative CIELAB lab*

lab*lab 0.0 0.0 0.0
lab*ch 0.0 0.0 0.0
lab*nch 0.5 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 0.5 0.0 0.0

relative Inform. Technology (IT)

olvi3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 0.0 0.0 (0.0)
olvi4* 0.5 0.5 0.5 (1.0)
cmyn4* 0.5 0.5 0.5 (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*trj 0.0 0.0 0.0
lab*trc 0.0 0.0 0.0
lab*ncc 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*trj 0.0 0.0 0.0
lab*trc 0.0 0.0 0.0
lab*ncc 1.0 0.0 0.0

UG510-7, 5 stufige Reihen für konstanten CIELAB Buntton 236/360 = 0.656 (links)

5 stufige Reihen für konstanten CIELAB Buntton 217/360 = 0.601 (rechts)

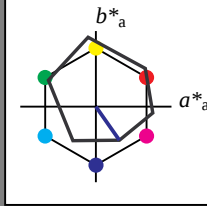
Eingabe: Farbmetrisches Reflexions-System ORS18

für Buntton $h^* = lab^*h = 305/360 = 0.847$ lab^*ch und lab^*nch

D65: Buntton V

LCH*Ma: 26 54 305

rgb*Ma: 0.0 0.0 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*LAB 95.41 0.0 0.0

LAB*LAB 99.99 0.01 0.0

relative CIELAB lab*

lab*lab 1.0 0.0 0.0

lab*ch 1.0 0.0 0.0

lab*nch 0.0 0.0 0.0

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 (1.0)

cmyn4* 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*ch 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*trc 0.75 0.0 0.0

lab*ncc 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*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*ch 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*trc 0.5 0.0 0.0

lab*ncc 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 39.28 7.87 -10.13

LAB*LAB 39.28 7.87 -10.13

LAB*LAB 37.36 0.0 0.0

relative CIELAB lab*

lab*lab 0.25 0.143 -0.204

lab*ch 0.375 0.25 0.847

lab*nch 0.75 0.25 0.847

relative Natural Colour (NC)

lab*trj 0.25 0.112 -0.222

lab*trc 0.375 0.25 0.824

lab*ncc 0.5 0.25 0.824

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 18.02 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*ch 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*trc 0.0 0.0 0.0

lab*ncc 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 18.02 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*ch 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*trc 0.0 0.0 0.0

lab*ncc 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
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* 0.75 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 77.98 7.13 -7.51

LAB*LAB 77.98 7.13 -7.51

LAB*LAB 77.98 7.13 -7.51

relative CIELAB lab*

lab*lab 0.75 0.143 -0.204

lab*ch 0.875 0.25 0.847

lab*nch 0.0 0.25 0.847

relative Natural Colour (NC)

lab*trj 0.775 0.112 -0.222

lab*trc 0.875 0.25 0.824

lab*ncc 0.0 0.25 0.824

relative Inform. Technology (IT)

olvi3* 0.5 0.5 0.5 (1.0)

cmyn3* 0.5 0.5 0.5 (0.0)

olvi4* 0.75 0.75 0.75 (1.0)

cmyn4* 0.0 0.0 0.0 (0.0)

standard and adapted CIELAB

LAB*LAB 60.56 15.24 -19.79

LAB*LAB 60.56 15.24 -19.79

LAB*LAB 60.56 15.24 -19.79

relative CIELAB lab*

lab*lab 0.5 0.287 -0.408

lab*ch 0.75 0.5 0.847

lab*nch 0.0 0.5 0.847

relative Natural Colour (NC)

lab*trj 0.52 0.225 -0.446

lab*trc 0.75 0.5 0.824

lab*ncc 0.0 0.5 0.824

relative Inform. Technology (IT)

olvi3* 0.25 0.25 0.25 (1.0)

cmyn3* 0.75 0.75 0.75 (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 41.21 15.51 -21.1

LAB*LAB 41.21 15.51 -21.1

LAB*LAB 41.21 15.51 -21.1

relative CIELAB lab*

lab*lab 0.25 0.287 -0.408

lab*ch 0.5 0.5 0.847

lab*nch 0.0 0.5 0.847

relative Natural Colour (NC)

lab*trj 0.3 0.225 -0.446

lab*trc 0.5 0.5 0.824

lab*ncc 0.0 0.5 0.824

relative Inform. Technology (IT)

olvi3* 0.0 0.0 0.0 (1.0)

cmyn3* 1.0 1.0 1.0 (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 21.87 15.55 -72.2

LAB*LAB 21.87 15.55 -72.2

LAB*LAB 21.87 15.55 -72.2

relative CIELAB lab*

lab*lab 0.0 0.0 0.0

lab*ch 0.25 0.5 0.847

lab*nch 0.0 0.5 0.847

relative Natural Colour (NC)

lab*trj 0.02 0.25 -0.446

lab*trc 0.5 0.5 0.824

lab*ncc 0.0 0.5 0.824

relative Inform. Technology (IT)

olvi3* 0.0 0.0 0.0 (1.0)

cmyn3* 1.0 1.0 1.0 (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 18.02 18.02 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*ch 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*trc 0.0 0.0 0.0

lab*ncc 1.0 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* 0.5 0.5 0.5 (0.0)

cmyn4* 0.5 0.5 0.5 (0.0)

standard and adapted CIELAB

LAB*LAB 43.14 23.35 -33.08

LAB*LAB 43.14 23.35 -33.08

LAB*LAB 43.14 23.35 -33.08

relative CIELAB lab*

lab*lab 0.32 0.43 -0.613

lab*ch 0.625 0.75 0.847

lab*nch 0.0 0.75 0.847

relative Natural Colour (NC)

lab*trj 0.325 0.337 -0.669

lab*trc 0.625 0.75 0.824

lab*ncc 0.0 0.75 0.824

relative Inform. Technology (IT)

olvi3* 0.0 0.0 0.0 (1.0)

cmyn3* 1.0 1.0 1.0 (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 25.72 31.46 -44.36

LAB*LAB 25.72 31.46 -44.36

LAB*LAB 25.72 31.46 -44.36

relative CIELAB lab*

lab*lab 0.0 0.573 -0.818

lab*ch 0.5 1.0 0.847

lab*nch 0.0 1.0 0.847

relative Natural Colour (NC)

lab*trj 0.1 0.449 -0.892

lab*trc 0.5 1.0 0.824

lab*ncc 0.0 1.0 0.824

relative Inform. Technology (IT)

olvi3* 0.0 0.0 0.0 (1.0)

cmyn3* 1.0 1.0 1.0 (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 37.51 40.67 305.0

LAB*LAB 37.51 40.67 305.0

LAB*LAB 37.51 40.67 305.0

relative CIELAB lab*

lab*lab 0.0 0.75 0.43 -0.613

lab*ch 0.375 0.75 0.847

lab*nch 0.0 0.75 0.847

relative Natural Colour (NC)

lab*trj 0.025 0.337 -0.669

lab*trc 0.75 0.75 0.824

lab*ncc 0.0 0.75 0.824

relative Inform. Technology (IT)

olvi3* 0.0 0.0 0.0 (1.0)

cmyn3* 1.0 1.0 1.0 (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 18.02 18.02 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*ch 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*trc 0.0 0.0 0.0

lab*ncc 1.0 0.0 0.0

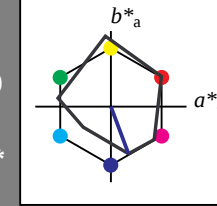
Ausgabe: Farbmetrisches Reflexions-System MRS18a

für Buntton $h^* = lab^*h = 290/360 = 0.807$ lab^*ch und lab^*nch

D65: Buntton B

LCH*Ma: 37 66 290

rgb*Ma: 0.0 0.0 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 0.01 0.0

LAB*LAB 95.41 0.01 0.0

LAB*LAB 99.99 0.01 0.0

relative CIELAB lab*

lab*lab 1.0 0.0 0.0

lab*ch 1.0 0.0 0.0

lab*nch 0.0 0.0 0.0

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 (1.0)

cmyn4* 0.0 0.0 0.0 (0.0)

standard and adapted CIELAB

LAB*LAB 76.06 0.03 0.0

LAB*LAB 76.06 0.03 0.0

LAB*LAB 75.00 0.01 0.0

relative CIELAB lab*

lab*lab 0.75 0.0 0.0

lab*ch 0.75 0.0 0.0

lab*nch 0.0 0.0 0.0

relative Natural Colour (NC)

lab*trj 0.75 0.0 0.0

lab*trc 0.75 0.0 0.0

lab*ncc 0.0 0.0 0.0

relative Inform. Technology (IT)

olvi3* 0.5 0.5 0.5 (1.0)

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 0.05 0.0

LAB*LAB 56.71 0.05 0.0

LAB*LAB 50.00 0.01 0.0

relative CIELAB lab*

lab*lab 0.5 0.0 0.0

lab*ch 0.5 0.0 0.0

lab*nch 0.0 0.0 0.0

relative Natural Colour (NC)

lab*trj 0.5 0.0 0.0

lab*trc 0.5 0.0 0.0

lab*ncc 0.0 0.0 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 39.28 7.87 -10.13

LAB*LAB 39.28 7.87 -10.13

LAB*LAB 37.36 0.0 0.0

relative CIELAB lab*

lab*lab 0.25 0.143 -0.204

lab*ch 0.375 0.25 0.847

lab*nch 0.75 0.25 0.847

relative Natural Colour (NC)

lab*trj 0.25 0.112 -0.222

lab*trc 0.375 0.25 0.824

lab*ncc 0.5 0.25 0.824

relative Inform. Technology (IT)

olvi3* 0.0 0.0 0.0 (1.0)

cmyn3* 1.0 1.0 1.0 (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 18.02 18.02 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*ch 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*trc 0.0 0.0 0.0

lab*ncc 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* 0.5 0.5 0.5 (0.0)

cmyn4* 0.5 0.5 0.5 (0.0)

standard and adapted CIELAB

LAB*LAB 18.02 18.02 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*ch 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*trc 0.0 0.0 0.0

lab*ncc 1.0 0.0 0.0

MRS18a; adaptierte CIELAB-Daten

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
RMa	49.63	66.8	40.02	77.87	31
JMa	90.7	-7.27	93.19	93.48	94
GMa	52.11	-69.93	11.26	70.85	171
G50BMa	45.03	-36.65	-27.13	45.61	217
BMa	36.65	23.26	-62.27	66.49	290
B50RMa	34.94	57.27	-43.6	71.99	323
NMa	18.01	0.0	0.0	0.0	0
WMa	95.41	0.0	0.0	0.0	0
RCIE	39.92	58.67	27.97	64.99	25
JCIE	81.26	-2.91	71.56	71.62	92
GCIE	52.23	-42.47	13.58	44.6	162
BCIE	30.57	1.33	-46.48	46.51	272

%Regularität

 $g^*_{H,rel} = 42$ $g^*_{C,rel} = 49$

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 80.72 5.84 -15.55

LAB*LAB 80.72 5.84 -15.55

LAB*LAB 80.72 5.84 -15.55

relative CIELAB lab*

lab*lab 0.75 0.143 -0.204

lab*ch 0.875 0.25 0.847

lab*nch 0.0 0.25 0.847

relative Natural Colour (NC)

lab*trj 0.81 0.064 -0.241

lab*trc 0.875 0.25 0.791

lab*ncc 0.0 0.25 0.791

relative Inform. Technology (IT)

olvi3* 0.5 0.5 0.5 (1

für 10 Bunttöne: $\text{input: Startup (S) data dependent}$

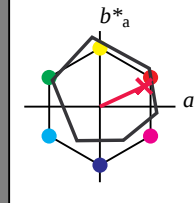
Eingabe: Farbmetrisches Reflexions-System ORS18

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

D65: Buntton R

LCH*Ma: 48 75 25

rgb*Ma: 1.0 0.0 0.32

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)
LAB*LAB	95.41	-0.97	7.5	0.0
LAB*LAB	95.41	0.0	0.0	0.0
LAB*LAB	95.41	0.0	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	0.0
LAB*LAB	76.06	0.0	0.0	0.0
LAB*LAB	76.06	0.0	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	0.0
LAB*LAB	56.71	0.0	0.0	0.0
LAB*LAB	56.71	0.0	0.0	0.0

relative CIELAB lab*

lab*lab	0.5	0.5	0.5	(1.0)
lab*ch	0.5	0.5	0.5	(1.0)
lab*nch	0.5	0.5	0.5	(1.0)

relative Natural Colour (NC)

lab*lab	0.5	0.5	0.5	(1.0)
lab*ch	0.5	0.5	0.5	(1.0)
lab*nch	0.5	0.5	0.5	(1.0)

standard and adapted CIELAB

LAB*LAB	18.02	0.0	0.46	0.0
LAB*LAB	18.02	0.0	0.0	0.0
LAB*LAB	18.02	0.0	0.0	0.0

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	0.0

relative Natural Colour (NC)

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	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	0.661	(1.0)
cmyn3*	0.0	0.5	0.339	(0.0)
olvi4*	1.0	0.5	0.661	(1.0)
cmyn4*	0.0	0.5	0.339	(0.0)
LAB*LAB	71.7	33.75	18.92	0.0
LAB*LAB	71.7	33.75	18.92	0.0
LAB*LAB	71.7	33.75	18.92	0.0

relative CIELAB lab*

lab*lab	0.694	0.454	0.209	0.0
lab*ch	0.75	0.5	0.069	0.0
lab*nch	0.0	0.5	0.069	0.0

relative Natural Colour (NC)

lab*lab	0.694	0.454	0.209	0.0
lab*ch	0.75	0.5	0.069	0.0
lab*nch	0.0	0.5	0.069	0.0

standard and adapted CIELAB

LAB*LAB	59.85	51.12	26.60	0.0
LAB*LAB	59.85	51.12	26.60	0.0
LAB*LAB	59.85	51.12	26.60	0.0

relative CIELAB lab*

lab*lab	0.541	0.681	0.313	0.0
lab*ch	0.625	0.75	0.069	0.0
lab*nch	0.0	0.75	0.069	0.0

relative Natural Colour (NC)

lab*lab	0.541	0.681	0.313	0.0
lab*ch	0.625	0.75	0.069	0.0
lab*nch	0.0	0.75	0.069	0.0

standard and adapted CIELAB

LAB*LAB	48.01	68.48	33.09	0.0
LAB*LAB	48.01	68.48	33.09	0.0
LAB*LAB	48.01	68.48	33.09	0.0

relative CIELAB lab*

lab*lab	0.291	0.681	0.313	0.0
lab*ch	0.375	0.75	0.069	0.0
lab*nch	0.0	0.75	0.069	0.0

relative Natural Colour (NC)

lab*lab	0.291	0.681	0.313	0.0
lab*ch	0.375	0.75	0.069	0.0
lab*nch	0.0	0.75	0.069	0.0

standard and adapted CIELAB

LAB*LAB	33.01	34.49	16.31	0.0
LAB*LAB	33.01	34.49	16.31	0.0
LAB*LAB	33.01	34.49	16.31	0.0

relative Inform. Technology (IT)

olvi3*	1.0	0.5	0.661	(1.0)
cmyn3*	0.0	0.5	0.339	(0.0)
olvi4*	1.0	0.5	0.661	(1.0)
cmyn4*	0.0	0.5	0.339	(0.0)
LAB*LAB	71.7	33.75	18.92	0.0
LAB*LAB	71.7	33.75	18.92	0.0
LAB*LAB	71.7	33.75	18.92	0.0

relative CIELAB lab*

lab*lab	0.694	0.454	0.209	0.0
lab*ch	0.75	0.5	0.069	0.0
lab*nch	0.0	0.5	0.069	0.0

relative Natural Colour (NC)

lab*lab	0.694	0.454	0.209	0.0
lab*ch	0.75	0.5	0.069	0.0
lab*nch	0.0	0.5	0.069	0.0

standard and adapted CIELAB

LAB*LAB	59.85	51.12	26.60	0.0
LAB*LAB	59.85	51.12	26.60	0.0
LAB*LAB	59.85	51.12	26.60	0.0

relative CIELAB lab*

lab*lab	0.541	0.681	0.313	0.0
lab*ch	0.625	0.75	0.069	0.0
lab*nch	0.0	0.75	0.069	0.0

relative Natural Colour (NC)

lab*lab	0.541	0.681	0.313	0.0
lab*ch	0.625	0.75	0.069	0.0
lab*nch	0.0	0.75	0.069	0.0

standard and adapted CIELAB

LAB*LAB	48.01	68.48	33.09	0.0
LAB*LAB	48.01	68.48	33.09	0.0
LAB*LAB	48.01	68.48	33.09	0.0

relative CIELAB lab*

lab*lab	0.291	0.681	0.313	0.0
lab*ch	0.375	0.75	0.069	0.0
lab*nch	0.0	0.75	0.069	0.0

relative Natural Colour (NC)

lab*lab	0.291	0.681	0.313	0.0
lab*ch	0.375	0.75	0.069	0.0
lab*nch	0.0	0.75	0.069	0.0

standard and adapted CIELAB

LAB*LAB	33.01	34.49	16.31	0.0
LAB*LAB	33.01	34.49	16.31	0.0
LAB*LAB	33.01	34.49	16.31	0.0

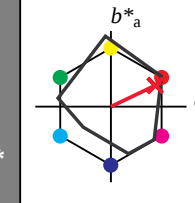
Ausgabe: Farbmetrisches Reflexions-System MRS18a

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

D65: Buntton R

LCH*Ma: 48 73 25

rgb*Ma: 1.0 0.0 0.1

Dreiecks-Helligkeit t^* 

%Umfang

 $u^*_{rel} = 92$

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)
LAB*LAB	95.41	0.01	0.0	0.0
LAB*LAB	95.41	0.0	0.0	0.0
LAB*LAB	95.41	0.0	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	0.03	0.0	0.0
LAB*LAB	76.06	0.0	0.0	0.0
LAB*LAB	76.06	0.0	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	0.05	0.0	0.0
LAB*LAB	56.71	0.0	0.0	0.0
LAB*LAB	56.71	0.0	0.0	0.0

relative CIELAB lab*

lab*lab	0.5	0.5	0.5	(1.0)
lab*ch	0.5	0.5	0.5	(1.0)
lab*nch	0.5	0.5	0.5	(1.0)

relative Natural Colour (NC)

lab*lab	0.5	0.5	0.5	(1.0)
lab*ch	0.5	0.5	0.5	(1.0)
lab*nch	0.5	0.5	0.5	(1.0)

standard and adapted CIELAB

LAB*LAB	18.02	0.0	0.02	0.0
LAB*LAB	18.02	0.0	0.0	0.0
LAB*LAB	18.02	0.0	0.0	0.0

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	0.0

relative Natural Colour (NC)

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	0.0

relative Inform. Technology (IT)

olvi3*	1.0	0.75	0.75	(1.0)
cmyn3*	0.0	0.25	0.224	(0.0)
olvi4*	1.0	0.75	0.75	(1.0)
cmyn4*	0.0	0.25	0.224	(0.0)
LAB*LAB	83.58	16.47	7.84	0.0
LAB*LAB	83.58	16.47	7.84	0.0
LAB*LAB	83.58	16.47	7.84	0.0

relative CIELAB lab*

lab*lab	0.847	0.226	0.108	0.0
lab*ch	0.875	0.25	0.071	0.0
lab*nch	0.0	0.25	0.071	0.0

relative Natural Colour (NC)

lab*lab	0.847	0.226	0.108	0.0
lab*ch	0.875	0.25	0.071	0.0
lab*nch	0.0	0.25	0.071	0.0

standard and adapted CIELAB

LAB*LAB	64.25	16.45	7.84	0.0
LAB*LAB	64.25	16.45	7.84	0.0
LAB*LAB	64.25	16.45	7.84	0.

en für 10 Bunttöne: $\text{Startup (S) data dependent}$

Eingabe: Farbmetrisches Reflexions-System ORS18

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

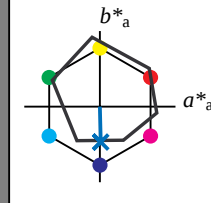
lab^*ch und lab^*nch

D65: Buntton B

LCH*Ma: 42 45 271

rgb*Ma: 0.0 0.49 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)
LAB*LAB 95.41 -0.97 47.5
LAB*LAB 95.41 0.0 0.0
LAB*LAB 99.99 0.01 0.0

relative CIELAB lab*
lab*lab 1.0 0.0 0.0
lab*ch 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*ncc 0.0 0.0 0.0

standard and adapted CIELAB
LAB*LAB 76.06 0.0 3.44
LAB*LAB 76.06 0.0 3.44
LAB*LAB 75.00 0.01 0.0

relative CIELAB lab*
lab*lab 0.75 0.0 0.0
lab*ch 0.75 0.0 0.0
lab*nch 0.75 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*ncc 0.75 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*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*ncc 0.5 0.0 0.0

standard and adapted CIELAB
LAB*LAB 37.36 0.0 0.63
LAB*LAB 37.36 0.0 0.63
LAB*LAB 25.00 0.01 0.0

relative CIELAB lab*
lab*lab 0.25 0.0 0.0
lab*ch 0.25 0.0 0.0
lab*nch 0.25 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*ncc 0.25 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 0.01 0.01 0.0

relative CIELAB lab*
lab*lab 0.0 0.0 0.0
lab*ch 0.0 0.0 0.0
lab*nch 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

standard and adapted CIELAB
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	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

%Regularität

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

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

relative Inform. Technology (IT)
olvi3* 0.75 0.75 0.75 (1.0)
cmyn3* 0.25 0.128 0.0 (0.0)
olvi4* 0.75 0.75 0.75 (1.0)
cmyn4* 0.25 0.128 0.0 (0.0)
LAB*LAB 82.0 -0.44 -7.31
LAB*LAB 82.0 0.27 -11.17
LAB*LAB 97.5 11.18 271.39

relative CIELAB lab*
lab*lab 0.827 0.006 -0.249
lab*ch 0.875 0.25 0.754
lab*nch 0.0 0.25 0.754
relative Natural Colour (NC)
lab*trj 0.827 0.0 -0.249
lab*trc 0.875 0.25 0.754
lab*ncc 0.0 0.25 0.754

standard and adapted CIELAB
LAB*LAB 68.59 0.08 -19.4
LAB*LAB 68.59 0.08 -19.4
LAB*LAB 75.0 22.36 271.4

relative CIELAB lab*
lab*lab 0.654 0.012 -0.499
lab*ch 0.75 0.5 0.754
lab*nch 0.0 0.5 0.754
relative Natural Colour (NC)
lab*trj 0.654 0.0 -0.499
lab*trc 0.75 0.5 0.754
lab*ncc 0.0 0.5 0.754

standard and adapted CIELAB
LAB*LAB 49.25 0.45 -20.71
LAB*LAB 49.25 0.45 -20.71
LAB*LAB 50.0 22.37 271.4

relative CIELAB lab*
lab*lab 0.48 0.018 -0.749
lab*ch 0.625 0.75 0.754
lab*nch 0.0 0.75 0.754
relative Natural Colour (NC)
lab*trj 0.48 0.0 -0.749
lab*trc 0.625 0.75 0.754
lab*ncc 0.0 0.75 0.754

standard and adapted CIELAB
LAB*LAB 35.84 0.98 -32.79
LAB*LAB 35.84 0.98 -32.79
LAB*LAB 37.51 33.55 271.41

relative CIELAB lab*
lab*lab 0.23 0.018 -0.749
lab*ch 0.375 0.75 0.754
lab*nch 0.0 0.75 0.754
relative Natural Colour (NC)
lab*trj 0.23 0.0 -0.749
lab*trc 0.375 0.75 0.754
lab*ncc 0.0 0.75 0.754

standard and adapted CIELAB
LAB*LAB 29.9 0.5 -22.35
LAB*LAB 29.9 0.5 -22.35
LAB*LAB 25.01 22.36 271.41

relative CIELAB lab*
lab*lab 0.154 0.012 -0.499
lab*ch 0.25 0.5 0.754
lab*nch 0.0 0.5 0.754
relative Natural Colour (NC)
lab*trj 0.154 0.0 -0.499
lab*trc 0.25 0.5 0.754
lab*ncc 0.0 0.5 0.754

Ausgabe: Farbmetrisches Reflexions-System MRS18a

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

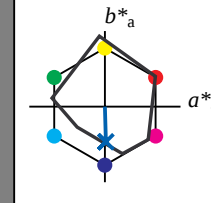
lab^*ch und lab^*nch

D65: Buntton B

LCH*Ma: 40 49 272

rgb*Ma: 0.0 0.36 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)
LAB*LAB 95.41 0.01 0.0
LAB*LAB 95.41 0.0 0.0
LAB*LAB 99.99 0.01 0.0

relative CIELAB lab*
lab*lab 1.0 0.0 0.0
lab*ch 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*ncc 0.0 0.0 0.0

standard and adapted CIELAB
LAB*LAB 76.06 0.0 3.44
LAB*LAB 76.06 0.0 3.44
LAB*LAB 75.00 0.01 0.0

relative CIELAB lab*
lab*lab 0.75 0.0 0.0
lab*ch 0.75 0.0 0.0
lab*nch 0.75 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*ncc 0.75 0.0 0.0

standard and adapted CIELAB
LAB*LAB 56.71 0.0 0.63
LAB*LAB 56.71 0.0 0.63
LAB*LAB 50.00 0.01 0.0

relative CIELAB lab*
lab*lab 0.5 0.0 0.0
lab*ch 0.5 0.0 0.0
lab*nch 0.5 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*ncc 0.5 0.0 0.0

standard and adapted CIELAB
LAB*LAB 37.36 0.0 0.63
LAB*LAB 37.36 0.0 0.63
LAB*LAB 25.00 0.01 0.0

relative CIELAB lab*
lab*lab 0.25 0.0 0.0
lab*ch 0.25 0.0 0.0
lab*nch 0.25 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*ncc 0.25 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 0.01 0.01 0.0

relative CIELAB lab*
lab*lab 0.0 0.0 0.0
lab*ch 0.0 0.0 0.0
lab*nch 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

standard and adapted CIELAB
LAB*LAB 0.0 0.0 0.0
LAB*LAB 0.0 0.0 0.0
LAB*LAB 0.0 0.0 0.0

MRS18a; adaptierte CIELAB-Daten

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
RMa	49.63	66.8	40.02	77.87	31
JMa	90.7	-7.27	93.19	93.48	94
GMa	52.11	-69.93	11.26	70.85	171
G50BMa	45.03	-36.65	-27.13	45.61	217
BMa	36.65	23.26	-62.27	66.49	290
B50RMa	34.94	57.27	-43.6	71.99	323
NMa	18.01	0.0	0.0	0.0	0
WMa	95.41	0.0	0.0	0.0	0
RCIE	39.92	58.67	27.97	64.99	25
JCIE	81.26	-2.91	71.56	71.62	92
GCIE	52.23	-42.47	13.58	44.6	162
BCIE	30.57	1.33	-46.48	46.51	272

%Regularität

$g^*_{H,rel} = 42$

$g^*_{C,rel} = 49$

relative Inform. Technology (IT)
olvi3* 0.75 0.75 0.75 (1.0)
cmyn3* 0.25 0.128 0.0 (0.0)
olvi4* 0.75 0.75 0.75 (1.0)
cmyn4* 0.25 0.128 0.0 (0.0)
LAB*LAB 81.48 0.38 -12.35
LAB*LAB 81.48 0.38 -12.35
LAB*LAB 97.5 12.37 271.63

relative CIELAB lab*
lab*lab 0.827 0.007 -0.249
lab*ch 0.875 0.25 0.755
lab*nch 0.0 0.25 0.755
relative Natural Colour (NC)
lab*trj 0.827 0.0 -0.249
lab*trc 0.875 0.25 0.755
lab*ncc 0.0 0.25 0.755

standard and adapted CIELAB
LAB*LAB 67.55 0.74 -24.71
LAB*LAB 67.55 0.74 -24.71
LAB*LAB 75.0 24.74 271.63

relative CIELAB lab*
lab*lab 0.64 0.014 -0.499
lab*ch 0.75 0.5 0.755
lab*nch 0.0 0.5 0.755
relative Natural Colour (NC)
lab*trj 0.64 0.0 -0.499
lab*trc 0.75 0.5 0.755
lab*ncc 0.0 0.5 0.755

standard and adapted CIELAB
LAB*LAB 48.21 0.77 -24.71
LAB*LAB 48.21 0.77 -24.71
LAB*LAB 50.0 24.75 271.64

relative CIELAB lab*
lab*lab 0.46 0.021 -0.749
lab*ch 0.625 0.75 0.755
lab*nch 0.0 0.75 0.755
relative Natural Colour (NC)
lab*trj 0.46 0.0 -0.749
lab*trc 0.625 0.75 0.755
lab*ncc 0.0 0.75 0.755

standard and adapted CIELAB
LAB*LAB 39.71 1.49 -49.43
LAB*LAB 39.71 1.49 -49.43
LAB*LAB 50.0 49.48 271.64

relative CIELAB lab*
lab*lab 0.28 0.029 -0.998
lab*ch 0.5 1.0 0.755
lab*nch 0.0 1.0 0.755
relative Natural Colour (NC)
lab*trj 0.28 0.0 -0.998
lab*trc 0.5 1.0 0.755
lab*ncc 0.0 1.0 0.755

standard and adapted CIELAB
LAB*LAB 28.86 0.74 -24.71
LAB*LAB 28.86 0.74 -24.71
LAB*LAB 25.01 24.74 271.64

relative CIELAB lab*
lab*lab 0.14 0.014 -0.499
lab*ch 0.25 0.5 0.755
lab*nch 0.0 0.5 0.755
relative Natural Colour (NC)
lab*trj 0.14 0.0 -0.499
lab*trc 0.25 0.5 0.755
lab*ncc 0.0 0.5 0.755

BAM-Prüfvorlage UG51; Farbmetrik-Systeme ORS18 & ORS18input: $cmY0^* setcmykcolor$

D65: 2 Koordinaten-Daten von 5stufigen Farbreihen für 10 Bunttonen: Startup (S) data dependend