

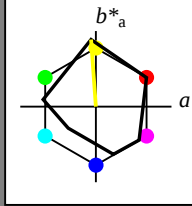
Eingabe: Farbmetrisches Reflexions-System MRS18

für Buntton $h^* = lab^*h = 94/360 = 0.261$ lab^*ch und lab^*nch

D65: Buntton J

LCH*Ma: 91 89 94

rgb*Ma: 1.0 1.0 0.0

Dreiecks-Helligkeit t^*  $u^*_{rel} = 91$

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*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*nce 1.0 0.0 0.0

relative Inform. Technology (IT)

olvi3* 0.75 0.75 0.75 (1.0)

cmyn3* 0.25 0.25 0.25 (0.0)

olvi4* 1.0 1.0 1.0 (1.0)

cmyn4* 0.0 0.0 0.0 (0.0)

standard and adapted CIELAB

LAB*LAB 76.06 -0.6 3.44

LAB*Lab 76.06 0.0 0.0

LAB*TCa 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*nce 0.75 0.0 0.0

relative Inform. Technology (IT)

olvi3* 0.5 0.5 0.5 (0.0)

cmyn3* 0.5 0.5 0.5 (0.0)

olvi4* 1.0 1.0 1.0 (1.0)

cmyn4* 0.0 0.0 0.0 (0.0)

standard and adapted CIELAB

LAB*LAB 56.71 -0.23 2.14

LAB*Lab 56.71 0.0 0.0

LAB*TCa 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*nce 0.5 0.0 0.0

relative Inform. Technology (IT)

olvi3* 0.25 0.25 0.25 (1.0)

cmyn3* 0.75 0.75 0.75 (0.0)

olvi4* 1.0 1.0 1.0 (1.0)

cmyn4* 0.0 0.0 0.0 (0.0)

standard and adapted CIELAB

LAB*LAB 37.36 -0.38 0.83

LAB*Lab 37.36 0.0 0.0

LAB*TCa 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 0.0 0.0 0.0

relative Natural Colour (NC)

lab*trj 0.25 0.0 0.0

lab*nce 0.25 0.0 0.0

relative Inform. Technology (IT)

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*Lab 18.02 0.0 0.0

LAB*TCa 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*nce 0.0 0.0 0.0

 $n^* = 1.0$

relative Inform. Technology (IT)

olvi3* 1.0 1.0 0.75 (1.0)

cmyn3* 0.0 0.0 0.25 (0.0)

olvi4* 1.0 1.0 0.75 (1.0)

cmyn4* 0.0 0.0 0.25 (0.0)

standard and adapted CIELAB

LAB*LAB 94.22 -2.54 26.86

LAB*Lab 94.22 -1.58 22.18

LAB*TCa 97.5 22.24 94.1

relative CIELAB lab*

lab*lab 0.985 -0.017 0.249

lab*ch 0.875 0.25 0.261

lab*nch 0.0 0.25 0.261

relative Natural Colour (NC)

lab*trj 0.985 -0.011 0.25

lab*nce 0.875 0.25 0.258

lab*nce 0.0 0.25 0.98

relative Inform. Technology (IT)

olvi3* 0.75 0.75 0.5 (1.0)

cmyn3* 0.25 0.25 0.5 (0.0)

olvi4* 1.0 1.0 0.75 (1.0)

cmyn4* 0.0 0.0 0.25 (0.0)

standard and adapted CIELAB

LAB*LAB 74.88 -2.17 25.56

LAB*Lab 74.88 -1.58 22.19

LAB*TCa 62.5 22.24 94.1

relative CIELAB lab*

lab*lab 0.75 0.0 0.0

lab*ch 0.625 0.25 0.261

lab*nch 0.25 0.25 0.261

relative Natural Colour (NC)

lab*trj 0.75 0.0 0.0

lab*nce 0.625 0.25 0.258

lab*nce 0.25 0.25 0.98

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 0.75 (1.0)

cmyn4* 0.0 0.0 0.25 (0.0)

standard and adapted CIELAB

LAB*LAB 55.53 -1.8 24.26

LAB*Lab 55.53 -1.58 22.19

LAB*TCa 37.5 22.24 94.1

relative CIELAB lab*

lab*lab 0.485 -0.053 0.249

lab*ch 0.375 0.25 0.261

lab*nch 0.75 0.25 0.261

relative Natural Colour (NC)

lab*trj 0.485 -0.011 0.25

lab*nce 0.375 0.25 0.258

lab*nce 0.0 0.25 0.98

relative Inform. Technology (IT)

olvi3* 0.25 0.25 0.25 (1.0)

cmyn3* 0.75 0.75 0.5 (0.0)

olvi4* 1.0 1.0 0.75 (1.0)

cmyn4* 0.0 0.0 0.25 (0.0)

standard and adapted CIELAB

LAB*LAB 36.16 -0.43 22.94

LAB*Lab 36.16 -1.58 22.18

LAB*TCa 12.5 22.24 94.1

relative CIELAB lab*

lab*lab 0.235 -0.017 0.249

lab*ch 0.125 0.25 0.261

lab*nch 0.75 0.25 0.261

relative Natural Colour (NC)

lab*trj 0.235 -0.011 0.25

lab*nce 0.125 0.25 0.258

lab*nce 0.75 0.25 0.98

 $n^* = 0.50$

relative Inform. Technology (IT)

olvi3* 0.0 0.0 0.0 (1.0)

cmyn3* 1.0 1.0 0.0 (0.0)

olvi4* 1.0 1.0 0.0 (1.0)

cmyn4* 0.0 0.0 0.0 (0.0)

standard and adapted CIELAB

LAB*LAB 18.02 0.0 0.0

LAB*Lab 18.02 0.0 0.0

LAB*TCa 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*nce 0.0 0.0 0.0

 $n^* = 1.0$

MRS18; adaptierte CIELAB-Daten

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

%Regularität

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

relative Inform. Technology (IT)

olvi3* 1.0 1.0 0.5 (1.0)

cmyn3* 0.0 0.0 0.5 (0.0)

olvi4* 1.0 1.0 0.5 (1.0)

cmyn4* 0.0 0.0 0.5 (0.0)

standard and adapted CIELAB

LAB*LAB 93.05 -4.11 48.97

LAB*Lab 93.05 -3.17 44.37

LAB*TCa 75.0 44.48 94.1

relative CIELAB lab*

lab*lab 0.969 -0.035 0.499

lab*ch 0.75 0.5 0.261

lab*nch 0.0 0.5 0.261

relative Natural Colour (NC)

lab*trj 0.969 -0.023 0.499

lab*nce 0.75 0.5 0.258

lab*nce 0.0 0.5 0.98

relative Inform. Technology (IT)

olvi3* 0.75 0.75 0.0 (1.0)

cmyn3* 0.25 0.25 0.75 (0.0)

olvi4* 1.0 1.0 0.5 (1.0)

cmyn4* 0.0 0.0 0.75 (0.0)

standard and adapted CIELAB

LAB*LAB 73.7 -3.74 47.67

LAB*Lab 73.7 -3.17 44.38

LAB*TCa 50.0 44.49 94.1

relative CIELAB lab*

lab*lab 0.7 -0.035 0.499

lab*ch 0.5 0.5 0.261

lab*nch 0.0 0.5 0.261

relative Natural Colour (NC)

lab*trj 0.7 -0.023 0.499

lab*nce 0.5 0.5 0.258

lab*nce 0.0 0.5 0.98

relative Inform. Technology (IT)

olvi3* 0.5 0.5 0.0 (1.0)

cmyn3* 0.5 0.5 0.0 (0.0)

olvi4* 1.0 1.0 0.5 (1.0)

cmyn4* 0.0 0.0 0.5 (0.0)

standard and adapted CIELAB

LAB*LAB 44.25 -3.31 69.77

LAB*Lab 44.25 -3.17 44.38

LAB*TCa 37.51 66.73 94.1

relative CIELAB lab*

lab*lab 0.704 -0.053 0.748

lab*ch 0.375 0.75 0.261

lab*nch 0.25 0.75 0.261

relative Natural Colour (NC)

lab*trj 0.704 -0.036 0.748

lab*nce 0.5 0.75 0.258

lab*nce 0.25 0.75 0.98

 $n^* = 0.00$ $n^* = 0.25$ $n^* = 0.25$ Schwarzheit n^* relative Buntheit c^*

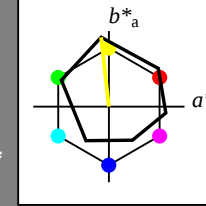
Ausgabe: Farbmetrisches Reflexions-System ORS18

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

D65: Buntton Y

LCH*Ma: 90 92 96

rgb*Ma: 1.0 1.0 0.0

Dreiecks-Helligkeit t^*  $u^*_{rel} = 93$

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*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*nce 1.0 0.0 0.0

relative Inform. Technology (IT)

olvi3* 0.75 0.75 0.75 (1.0)

cmyn3* 0.25 0.25 0.25 (0.0)

olvi4* 1.0 1.0 1.0 (1.0)

cmyn4* 0.0 0.0 0.0 (0.0)

standard and adapted CIELAB

LAB*LAB 76.06 -0.6 3.44

LAB*Lab 76.06 0.0 0.0

LAB*TCa 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*nce 0.75 0.0 0.0

relative Inform. Technology (IT)

olvi3* 0.5 0.5 0.5 (0.0)

cmyn3* 0.5 0.5 0.5 (0.0)

olvi4* 1.0 1.0 1.0 (1.0)

cmyn4* 0.0 0.0 0.0 (0.0)

standard and adapted CIELAB

LAB*LAB 56.71 -0.23 2.14

LAB*Lab 56.71 0.0 0.0

LAB*TCa 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*nce 0.5 0.0 0.0

relative Inform. Technology (IT)

olvi3* 0.25 0.25 0.25 (1.0)

cmyn3* 0.75 0.75 0.75 (0.0)

olvi4* 1.0 1.0 1.0 (1.0)

cmyn4* 0.0 0.0 0.0 (0.0)

standard and adapted CIELAB

LAB*LAB 37.36 -0.38 0.83

LAB*Lab 37.36 0.0 0.0

LAB*TCa 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 0.0 0.0 0.0

relative Natural Colour (NC)

lab*trj 0.25 0.0 0.0

lab*nce 0.25 0.0 0.0

relative Inform. Technology (IT)

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*Lab 18.02 0.0 0.0

LAB*TCa 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*nce 0.0 0.0 0.0

 $n^* = 1.0$

relative Inform. Technology (IT)

olvi3* 1.0 1.0 0.75 (1.0)

cmyn3* 0.0 0.0 0.25 (0.0)

olvi4* 1.0 1.0 0.75 (1.0)

cmyn4* 0.0 0.0 0.25 (0.0)

standard and adapted CIELAB

LAB*LAB 94.14 -3.51 27.61

LAB*Lab 94.14 -2.56 22.93

LAB*TCa 87.5 23.08 96.39

relative CIELAB lab*

lab*lab 0.984 -0.027 0.248

lab*ch 0.875 0.25 0.268

lab*nch 0.0 0.25 0.268

relative Natural Colour (NC)

lab*trj 0.984 -0.024 0.249

lab*nce 0.875 0.25 0.266

lab*nce 0.0 0.25 0.98

relative Inform. Technology (IT)

olvi3* 0.75 0.75 0.5 (1.0)

cmyn3* 0.25 0.25 0.5 (0.0)

olvi4* 1.0 1.0 0.75 (1.0)

cmyn4* 0.0 0.0 0.25 (0.0)

standard and adapted CIELAB

LAB*LAB 74.8 -3.14 26.31

LAB*Lab 74.8 -2.56 22.94

LAB*TCa 62.5 23.09 96.39

relative CIELAB lab*

lab*lab 0.734 -0.027 0.248

lab*ch 0.625 0.25 0.268

lab*nch 0.25 0.25 0.268

relative Natural Colour (NC)

lab*trj 0.734 -0.024 0.249

lab*nce 0.625 0.25 0.266

lab*nce 0.0 0.25 0.98

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 0.75 (1.0)

cmyn4* 0.0 0.0 0.25 (0.0)

standard and adapted CIELAB

LAB*LAB 55.45 -2.77 25.0

LAB*Lab 55.45 -2.77 22.94

LAB*TCa 37.5 23.09 96.39

relative CIELAB lab*

lab*lab 0.484 -0.053 0.248

lab*ch 0.375 0.25 0.268

lab*nch 0.75 0.25 0.268

relative Natural Colour (NC)

lab*trj 0.484 -0.024 0.249

lab*nce 0.375 0.25 0.266

lab*nce 0.0 0.25 0.98

relative Inform. Technology (IT)

olvi3* 0.25 0.25 0.25 (1.0)

cmyn3* 0.75 0.75 0.5 (0.0)

olvi4* 1.0 1.0 0.75 (1.0)

cmyn4* 0.0 0.0 0.25 (0.0)

standard and adapted CIELAB

LAB*LAB 36.16 -0.43 22.94

LAB*Lab 36.16 -1.58 22.18

LAB*TCa 12.5 22.24 94.1

relative CIELAB lab*

lab*lab 0.234 -0.027 0.248

lab*ch 0.125 0.25 0.268

lab*nch 0.75 0.25 0.268

relative Natural Colour (NC)

lab*trj 0.234 -0.024 0.249

lab*nce 0.125 0.25 0.266

lab*nce 0.75 0.25 0.98

relative Inform. Technology (IT)

olvi3* 0.0 0.0 0.0 (1.0)

cmyn3* 1.0 1.0 0.0 (0.0)

olvi4* 1.0 1.0 0.0 (1.0)

cmyn4* 0.0 0.0 0.0 (0.0)

standard and adapted CIELAB

LAB*LAB 18.02 0.0 0.0

LAB*Lab 18.02 0.0 0.0

LAB*TCa 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*nce 0.0 0.0 0.0

relative Inform. Technology (IT)

olvi3* 1.0 1.0 0.75 (1.0)

cmyn3* 0.0 0.0 0.25 (0.0)

olvi4* 1.0 1.0 0.75 (1.0)

cmyn4* 0.0 0.0 0.25 (0.0)

standard and adapted CIELAB

LAB*LAB 92.88 -6.06 50.46

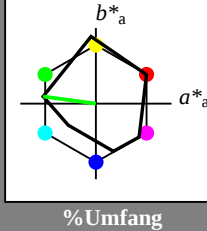
LAB*Lab 92.88 -5.13 45.87

LAB*TCa 75.0 46.16 96.

Eingabe: Farbmetrisches Reflexions-System MRS18

für Buntton $h^* = lab^*h = 172/360 = 0.479$ lab^*ch und lab^*nch

D65: Buntton G
 LCH*Ma: 52 70 172
 rgb*Ma: 0.0 1.0 0.0

Dreiecks-Helligkeit t^* 

relative Inform. Technology (IT)
 olv3* 1.0 1.0 1.0 (1.0)
 cmyn3* 0.0 0.0 0.0 (0.0)
 olv4* 1.0 1.0 1.0 (1.0)
 cmyn4* 0.0 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 95.41 -0.97 4.75
 LAB*LABa 95.41 0.0 0.0
 LAB*TCHa 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)
 olv3* 0.75 0.75 0.75 (1.0)
 cmyn3* 0.25 0.25 0.25 (0.0)
 olv4* 1.0 1.0 1.0 (1.0)
 cmyn4* 0.0 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 76.06 -0.6 3.44
 LAB*LABa 76.06 0.0 0.0
 LAB*TCHa 75.0 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)
 olv3* 0.5 0.5 0.5 (0.0)
 cmyn3* 0.5 0.5 0.5 (0.0)
 olv4* 1.0 1.0 1.0 (1.0)
 cmyn4* 0.0 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 56.71 -0.23 2.14
 LAB*LABa 56.71 0.0 0.0
 LAB*TCHa 50.0 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)
 olv3* 0.25 0.25 0.25 (1.0)
 cmyn3* 0.75 0.75 0.75 (0.0)
 olv4* 1.0 1.0 1.0 (1.0)
 cmyn4* 0.0 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 37.36 -0.83 0.83
 LAB*LABa 37.36 0.0 0.0
 LAB*TCHa 25.0 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 0.0 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)
 olv3* 0.0 0.0 0.0 (1.0)
 cmyn3* 1.0 1.0 1.0 (0.0)
 olv4* 1.0 1.0 1.0 (1.0)
 cmyn4* 0.0 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 18.02 0.46 0.46
 LAB*LABa 18.02 0.0 0.0
 LAB*TCHa 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

$n^* = 1.0$

relative Inform. Technology (IT)
 olv3* 0.75 1.0 0.75 (1.0)
 cmyn3* 0.25 0.0 0.25 (0.0)
 olv4* 0.75 1.0 0.75 (1.0)
 cmyn4* 0.25 0.0 0.25 (0.0)
 standard and adapted CIELAB
 LAB*LAB 84.58 -18.19 6.39
 LAB*LABa 84.58 -17.42 2.36
 LAB*TCHa 97.5 17.59 172.29

relative CIELAB lab*
 lab*lab 0.86 -0.247 0.034
 lab*ch 0.875 0.25 0.479
 lab*nch 0.0 0.25 0.479
 relative Natural Colour (NC)
 lab*trj 0.86 -0.247 -0.028
 lab*trc 0.875 0.25 0.518
 lab*ncc 0.0 0.25 0.676

relative Inform. Technology (IT)
 olv3* 0.5 0.5 0.5 (1.0)
 cmyn3* 0.5 0.5 0.5 (0.0)
 olv4* 0.75 1.0 0.75 (1.0)
 cmyn4* 0.25 0.0 0.25 (0.0)
 standard and adapted CIELAB
 LAB*LAB 65.23 -17.83 5.08
 LAB*LABa 65.23 -17.42 2.36
 LAB*TCHa 62.5 17.59 172.29

relative CIELAB lab*
 lab*lab 0.61 -0.247 -0.028
 lab*ch 0.625 0.25 0.518
 lab*nch 0.0 0.25 0.518
 relative Natural Colour (NC)
 lab*trj 0.61 -0.247 -0.028
 lab*trc 0.625 0.25 0.518
 lab*ncc 0.0 0.25 0.676

relative Inform. Technology (IT)
 olv3* 0.25 0.25 0.25 (1.0)
 cmyn3* 0.75 0.75 0.75 (0.0)
 olv4* 0.75 1.0 0.75 (1.0)
 cmyn4* 0.25 0.0 0.25 (0.0)
 standard and adapted CIELAB
 LAB*LAB 45.88 -17.46 3.78
 LAB*LABa 45.88 -17.42 2.36
 LAB*TCHa 37.5 17.59 172.29

relative CIELAB lab*
 lab*lab 0.36 -0.247 -0.028
 lab*ch 0.375 0.25 0.479
 lab*nch 0.0 0.25 0.479
 relative Natural Colour (NC)
 lab*trj 0.36 -0.247 -0.028
 lab*trc 0.375 0.25 0.518
 lab*ncc 0.0 0.25 0.676

relative Inform. Technology (IT)
 olv3* 0.0 0.0 0.0 (1.0)
 cmyn3* 1.0 0.75 1.0 (0.0)
 olv4* 0.75 1.0 0.75 (1.0)
 cmyn4* 0.25 0.0 0.25 (0.0)
 standard and adapted CIELAB
 LAB*LAB 26.24 -17.08 2.47
 LAB*LABa 26.24 -17.42 2.36
 LAB*TCHa 12.5 17.59 172.29

relative CIELAB lab*
 lab*lab 0.11 -0.247 0.034
 lab*ch 0.125 0.25 0.479
 lab*nch 0.0 0.25 0.479
 relative Natural Colour (NC)
 lab*trj 0.11 -0.247 -0.028
 lab*trc 0.125 0.25 0.518
 lab*ncc 0.0 0.25 0.676

$n^* = 0.50$

$n^* = 0.25$

$n^* = 0.00$

MRS18; adaptierte CIELAB-Daten

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

%Regularität

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

relative Inform. Technology (IT)
 olv3* 0.25 1.0 0.25 (1.0)
 cmyn3* 0.75 0.0 0.75 (0.0)
 olv4* 0.25 1.0 0.25 (1.0)
 cmyn4* 0.75 0.0 0.75 (0.0)
 standard and adapted CIELAB
 LAB*LAB 62.93 -52.64 9.65
 LAB*LABa 62.93 -52.28 7.08
 LAB*TCHa 62.5 52.77 172.29

relative CIELAB lab*
 lab*lab 0.58 -0.742 0.101
 lab*ch 0.625 0.75 0.479
 lab*nch 0.0 0.75 0.479
 relative Natural Colour (NC)
 lab*trj 0.58 -0.742 -0.085
 lab*trc 0.625 0.75 0.518
 lab*ncc 0.0 0.75 0.676

relative Inform. Technology (IT)
 olv3* 0.0 0.25 0.0 (1.0)
 cmyn3* 0.75 0.25 0.75 (0.0)
 olv4* 0.25 1.0 0.25 (1.0)
 cmyn4* 0.75 0.0 0.75 (0.0)
 standard and adapted CIELAB
 LAB*LAB 54.41 -35.05 6.71
 LAB*LABa 54.41 -34.86 4.72
 LAB*TCHa 50.0 35.19 172.29

relative CIELAB lab*
 lab*lab 0.47 -0.494 0.067
 lab*ch 0.5 0.5 0.479
 lab*nch 0.0 0.5 0.479
 relative Natural Colour (NC)
 lab*trj 0.47 -0.496 -0.056
 lab*trc 0.5 0.5 0.518
 lab*ncc 0.0 0.5 0.676

relative Inform. Technology (IT)
 olv3* 0.0 0.0 0.0 (1.0)
 cmyn3* 1.0 0.5 1.0 (0.0)
 olv4* 0.0 1.0 0.0 (1.0)
 cmyn4* 0.5 0.0 0.5 (0.0)
 standard and adapted CIELAB
 LAB*LAB 35.06 -34.85 4.72
 LAB*LABa 35.06 -34.85 4.72
 LAB*TCHa 25.01 35.18 172.29

relative CIELAB lab*
 lab*lab 0.22 -0.494 0.067
 lab*ch 0.25 0.5 0.479
 lab*nch 0.0 0.5 0.479
 relative Natural Colour (NC)
 lab*trj 0.22 -0.496 -0.056
 lab*trc 0.25 0.5 0.518
 lab*ncc 0.0 0.5 0.676

$n^* = 0.00$

$n^* = 0.25$

$n^* = 0.50$

$n^* = 0.75$

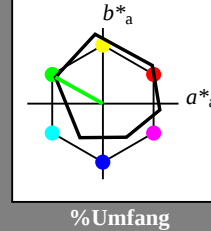
$n^* = 1.0$

relative Buntheit c^*

Ausgabe: Farbmetrisches Reflexions-System ORS18

für Buntton $h^* = lab^*h = 151/360 = 0.419$ lab^*ch und lab^*nch

D65: Buntton L
 LCH*Ma: 51 72 151
 rgb*Ma: 0.0 1.0 0.0

Dreiecks-Helligkeit t^* 

relative Inform. Technology (IT)
 olv3* 1.0 1.0 1.0 (1.0)
 cmyn3* 0.0 0.0 0.0 (0.0)
 olv4* 1.0 1.0 1.0 (1.0)
 cmyn4* 0.0 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 95.41 -0.97 4.75
 LAB*LABa 95.41 0.0 0.0
 LAB*TCHa 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)
 olv3* 0.75 0.75 0.75 (1.0)
 cmyn3* 0.25 0.0 0.25 (0.0)
 olv4* 1.0 1.0 1.0 (1.0)
 cmyn4* 0.0 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 76.06 -0.6 3.44
 LAB*LABa 76.06 0.0 0.0
 LAB*TCHa 75.0 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)
 olv3* 0.5 0.5 0.5 (0.0)
 cmyn3* 0.5 0.5 0.5 (0.0)
 olv4* 1.0 1.0 1.0 (1.0)
 cmyn4* 0.0 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 56.71 -0.23 2.14
 LAB*LABa 56.71 0.0 0.0
 LAB*TCHa 50.0 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)
 olv3* 0.25 0.25 0.25 (1.0)
 cmyn3* 0.75 0.75 0.75 (0.0)
 olv4* 1.0 1.0 1.0 (1.0)
 cmyn4* 0.0 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 37.36 -0.83 0.83
 LAB*LABa 37.36 0.0 0.0
 LAB*TCHa 25.0 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 0.0 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)
 olv3* 0.0 0.0 0.0 (1.0)
 cmyn3* 1.0 1.0 1.0 (0.0)
 olv4* 1.0 1.0 1.0 (1.0)
 cmyn4* 0.0 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 18.02 0.46 0.46
 LAB*LABa 18.02 0.0 0.0
 LAB*TCHa 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

$n^* = 1.0$

$n^* = 0.75$

$n^* = 0.50$

$n^* = 0.25$

$n^* = 0.00$

relative Buntheit c^*

relative Inform. Technology (IT)
 olv3* 0.75 1.0 0.75 (1.0)
 cmyn3* 0.25 0.0 0.25 (0.0)
 olv4* 0.75 1.0 0.75 (1.0)
 cmyn4* 0.25 0.0 0.25 (0.0)
 standard and adapted CIELAB
 LAB*LAB 84.28 -16.45 12.74
 LAB*LABa 84.28 -15.68 8.73
 LAB*TCHa 87.5 17.96 150.91

relative CIELAB lab*
 lab*lab 0.856 -0.217 0.122
 lab*ch 0.875 0.25 0.419
 lab*nch 0.0 0.25 0.419
 relative Natural Colour (NC)
 lab*trj 0.856 -0.238 0.072
 lab*trc 0.875 0.25 0.453
 lab*ncc 0.0 0.25 0.618

relative Inform. Technology (IT)
 olv3* 0.5 0.5 0.5 (1.0)
 cmyn3* 0.5 0.5 0.5 (0.0)
 olv4* 0.75 1.0 0.75 (1.0)
 cmyn4* 0.25 0.0 0.25 (0.0)
 standard and adapted CIELAB
 LAB*LAB 64.93 -16.09 11.44
 LAB*LABa 64.93 -15.69 8.74
 LAB*TCHa 62.5 17.97 150.91

relative CIELAB lab*
 lab*lab 0.626 -0.217 0.122
 lab*ch 0.625 0.25 0.419
 lab*nch 0.0 0.25 0.419
 relative Natural Colour (NC)
 lab*trj 0.626 -0.238 0.072
 lab*trc 0.625 0.25 0.453
 lab*ncc 0.0 0.25 0.618

relative Inform. Technology (IT)
 olv3* 0.25 0.25 0.25 (1.0)
 cmyn3* 0.75 0.75 0.75 (0.0)
 olv4* 0.75 1.0 0.75 (1.0)
 cmyn4* 0.25 0.0 0.25 (0.0)
 standard and adapted CIELAB
 LAB*LAB 45.88 -17.46 3.78
 LAB*LABa 45.88 -17.42 2.36
 LAB*TCHa 37.5 17.97 150.91

relative CIELAB lab*
 lab*lab 0.356 -0.217 0.122
 lab*ch 0.375 0.25 0.419
 lab*nch 0.0 0.25 0.419
 relative Natural Colour (NC)
 lab*trj 0.356 -0.238 0.072
 lab*trc 0.375 0.25 0.453
 lab*ncc 0.0 0.25 0.618

relative Inform. Technology (IT)
 olv3* 0.0 0.0 0.0 (1.0)
 cmyn3* 1.0 0.5 1.0 (0.0)
 olv4* 0.0 1.0 0.0 (1.0)
 cmyn4* 0.5 0.0 0.5 (0.0)
 standard and adapted CIELAB
 LAB*LAB 26.24 -17.08 2.47
 LAB*LABa 26.24 -17.42 2.36
 LAB*TCHa 12.5 17.96 150.91

relative CIELAB lab*
 lab*lab 0.106 -0.217 0.122
 lab*ch 0.125 0.25 0.419
 lab*nch 0.0 0.25 0.419
 relative Natural Colour (NC)
 lab*trj 0.106 -0.238 0.072
 lab*trc 0.125 0.25 0.453
 lab*ncc 0.0 0.25 0.618

$n^* = 0.50$

$n^* = 0.25$

$n^* = 0.00$

$n^* = 0.75$

$n^* = 1.0$

relative Buntheit c^*

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

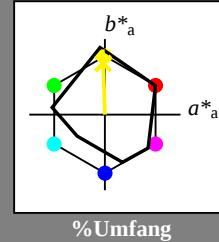
Eingabe: Farbmetrisches Reflexions-System MRS18

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

D65: Buntton J

LCH*Ma: 89 86 92

rgb*Ma: 1.0 0.95 0.0

Dreiecks-Helligkeit t^* 

relative Inform. Technology (IT)

olvi3*	1.0	1.0	1.0	(1.0)
cmyn3*	0.0	0.0	0.0	(0.0)
olvi4*	1.0	1.0	1.0	(1.0)
cmyn4*	0.0	0.0	0.0	(0.0)
LAB*LAB	95.41	-0.97	4.75	
LAB*Lab	95.41	0.0	0.0	
LAB*TCb	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
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)
LAB*LAB	76.06	-0.6	3.44	
LAB*Lab	76.06	0.0	0.0	
LAB*TCb	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
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	(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)
LAB*LAB	56.71	-0.23	2.14	
LAB*Lab	56.71	0.0	0.0	
LAB*TCb	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
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	(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	-0.38	0.83	
LAB*Lab	37.36	0.0	0.0	
LAB*TCb	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	0.0	0.0	0.0
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)
LAB*LAB	18.02	0.0	0.46	
LAB*Lab	18.02	0.0	0.0	
LAB*TCb	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
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)
LAB*LAB	18.02	0.0	0.46	
LAB*Lab	18.02	0.0	0.0	
LAB*TCb	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
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)
LAB*LAB	18.02	0.0	0.46	
LAB*Lab	18.02	0.0	0.0	
LAB*TCb	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
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*	1.0	0.988	0.75	(1.0)
cmyn3*	0.0	0.012	0.25	(0.0)
olvi4*	1.0	0.988	0.75	(1.0)
cmyn4*	0.0	0.012	0.25	(0.0)
LAB*LAB	93.72	-1.64	26.21	
LAB*Lab	93.72	-0.69	21.57	
LAB*TCb	97.5	21.58	91.86	

relative CIELAB lab*

lab*lab	0.978	-0.007	0.25
lab*ch	0.875	0.25	0.255
lab*nch	0.0	0.25	0.255
lab*tr	0.978	0.0	0.25
lab*tc	0.875	0.25	0.255
lab*nc	0.0	0.25	0.255

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	74.38	-1.26	24.91	
LAB*Lab	74.38	-0.68	21.57	
LAB*TCb	62.5	21.58	91.84	

relative CIELAB lab*

lab*lab	0.75	0.0	0.25
lab*ch	0.625	0.25	0.255
lab*nch	0.0	0.25	0.255
lab*tr	0.75	0.0	0.25
lab*tc	0.625	0.25	0.255
lab*nc	0.0	0.25	0.255

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)
LAB*LAB	55.03	-0.89	3.16	
LAB*Lab	55.03	-0.68	21.57	
LAB*TCb	37.5	21.58	91.84	

relative CIELAB lab*

lab*lab	0.478	-0.007	0.25
lab*ch	0.375	0.25	0.255
lab*nch	0.0	0.25	0.255
lab*tr	0.478	0.0	0.25
lab*tc	0.375	0.25	0.255
lab*nc	0.0	0.25	0.255

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	33.35	-1.52	45.05	
LAB*Lab	33.35	-0.68	21.57	
LAB*TCb	25.01	43.16	91.84	

relative CIELAB lab*

lab*lab	0.25	0.0	0.25
lab*ch	0.25	0.0	0.255
lab*nch	0.0	0.25	0.255
lab*tr	0.25	0.0	0.25
lab*tc	0.25	0.0	0.255
lab*nc	0.0	0.25	0.255

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	
LAB*Lab	18.02	0.0	0.0	
LAB*TCb	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
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)
LAB*LAB	18.02	0.0	0.46	
LAB*Lab	18.02	0.0	0.0	
LAB*TCb	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
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)
LAB*LAB	18.02	0.0	0.46	
LAB*Lab	18.02	0.0	0.0	
LAB*TCb	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
lab*tr	0.0	0.0	0.0
lab*tc	0.0	0.0	0.0
lab*nc	1.0	0.0	0.0

MRS18; adaptierte CIELAB-Daten

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

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

%Regularität

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

relative Inform. Technology (IT)

olvi3*	1.0	0.963	0.25	(1.0)
cmyn3*	0.0	0.037	0.75	(0.0)
olvi4*	1.0	0.963	0.25	(1.0)
cmyn4*	0.0	0.037	0.75	(0.0)
LAB*LAB	90.36	-2.96	69.13	
LAB*Lab	90.36	-0.88	64.71	
LAB*TCb	62.5	64.74	91.85	

relative CIELAB lab*

lab*lab	0.957	-0.015	0.5
lab*ch	0.75	0.0	0.255
lab*nch	0.0	0.5	0.255
lab*tr	0.957	0.0	0.5
lab*tc	0.75	0.0	0.255
lab*nc	0.0	0.5	0.255

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	72.7	-1.92	46.37	
LAB*Lab	72.7	-1.38	43.14	
LAB*TCb	50.0	43.16	91.84	

relative CIELAB lab*

lab*lab	0.75	0.0	0.25
lab*ch	0.625	0.25	0.255
lab*nch	0.0	0.25	0.255
lab*tr	0.75	0.0	0.25
lab*tc	0.625	0.25	0.255
lab*nc	0.0	0.25	0.255

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)
LAB*LAB	55.03	-0.89	3.16	
LAB*Lab	55.03	-0.68	21.57	
LAB*TCb	37.5	21.58	91.84	

relative CIELAB lab*

lab*lab	0.5	0.0	0.25
lab*ch	0.375	0.25	0.255
lab*nch	0.0		

[illegible]

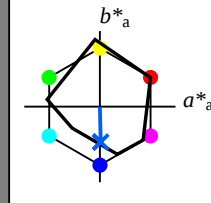
Eingabe: Farbmetrisches Reflexions-System MRS18

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

D65: Buntton B

LCH*Ma: 40 50 271

rgb*Ma: 0.0 0.37 1.0

Dreiecks-Helligkeit t^* 

%Umfang

 $u^*_{rel} = 91$

relative Inform. Technology (IT)

olvi3*	1.0	1.0	1.0	(1.0)
olvi3*	0.0	0.0	0.0	(0.0)
olvi4*	1.0	1.0	1.0	(1.0)
olvi4*	0.0	0.0	0.0	(0.0)
olvi5*	1.0	1.0	1.0	(1.0)
olvi5*	0.0	0.0	0.0	(0.0)
olvi6*	1.0	1.0	1.0	(1.0)
olvi6*	0.0	0.0	0.0	(0.0)
olvi7*	1.0	1.0	1.0	(1.0)
olvi7*	0.0	0.0	0.0	(0.0)
olvi8*	1.0	1.0	1.0	(1.0)
olvi8*	0.0	0.0	0.0	(0.0)
olvi9*	1.0	1.0	1.0	(1.0)
olvi9*	0.0	0.0	0.0	(0.0)
olvi10*	1.0	1.0	1.0	(1.0)
olvi10*	0.0	0.0	0.0	(0.0)
olvi11*	1.0	1.0	1.0	(1.0)
olvi11*	0.0	0.0	0.0	(0.0)
olvi12*	1.0	1.0	1.0	(1.0)
olvi12*	0.0	0.0	0.0	(0.0)
olvi13*	1.0	1.0	1.0	(1.0)
olvi13*	0.0	0.0	0.0	(0.0)
olvi14*	1.0	1.0	1.0	(1.0)
olvi14*	0.0	0.0	0.0	(0.0)
olvi15*	1.0	1.0	1.0	(1.0)
olvi15*	0.0	0.0	0.0	(0.0)
olvi16*	1.0	1.0	1.0	(1.0)
olvi16*	0.0	0.0	0.0	(0.0)
olvi17*	1.0	1.0	1.0	(1.0)
olvi17*	0.0	0.0	0.0	(0.0)
olvi18*	1.0	1.0	1.0	(1.0)
olvi18*	0.0	0.0	0.0	(0.0)
olvi19*	1.0	1.0	1.0	(1.0)
olvi19*	0.0	0.0	0.0	(0.0)
olvi20*	1.0	1.0	1.0	(1.0)
olvi20*	0.0	0.0	0.0	(0.0)
olvi21*	1.0	1.0	1.0	(1.0)
olvi21*	0.0	0.0	0.0	(0.0)
olvi22*	1.0	1.0	1.0	(1.0)
olvi22*	0.0	0.0	0.0	(0.0)
olvi23*	1.0	1.0	1.0	(1.0)
olvi23*	0.0	0.0	0.0	(0.0)
olvi24*	1.0	1.0	1.0	(1.0)
olvi24*	0.0	0.0	0.0	(0.0)
olvi25*	1.0	1.0	1.0	(1.0)
olvi25*	0.0	0.0	0.0	(0.0)
olvi26*	1.0	1.0	1.0	(1.0)
olvi26*	0.0	0.0	0.0	(0.0)
olvi27*	1.0	1.0	1.0	(1.0)
olvi27*	0.0	0.0	0.0	(0.0)
olvi28*	1.0	1.0	1.0	(1.0)
olvi28*	0.0	0.0	0.0	(0.0)
olvi29*	1.0	1.0	1.0	(1.0)
olvi29*	0.0	0.0	0.0	(0.0)
olvi30*	1.0	1.0	1.0	(1.0)
olvi30*	0.0	0.0	0.0	(0.0)
olvi31*	1.0	1.0	1.0	(1.0)
olvi31*	0.0	0.0	0.0	(0.0)
olvi32*	1.0	1.0	1.0	(1.0)
olvi32*	0.0	0.0	0.0	(0.0)
olvi33*	1.0	1.0	1.0	(1.0)
olvi33*	0.0	0.0	0.0	(0.0)
olvi34*	1.0	1.0	1.0	(1.0)
olvi34*	0.0	0.0	0.0	(0.0)
olvi35*	1.0	1.0	1.0	(1.0)
olvi35*	0.0	0.0	0.0	(0.0)
olvi36*	1.0	1.0	1.0	(1.0)
olvi36*	0.0	0.0	0.0	(0.0)
olvi37*	1.0	1.0	1.0	(1.0)
olvi37*	0.0	0.0	0.0	(0.0)
olvi38*	1.0	1.0	1.0	(1.0)
olvi38*	0.0	0.0	0.0	(0.0)
olvi39*	1.0	1.0	1.0	(1.0)
olvi39*	0.0	0.0	0.0	(0.0)
olvi40*	1.0	1.0	1.0	(1.0)
olvi40*	0.0	0.0	0.0	(0.0)
olvi41*	1.0	1.0	1.0	(1.0)
olvi41*	0.0	0.0	0.0	(0.0)
olvi42*	1.0	1.0	1.0	(1.0)
olvi42*	0.0	0.0	0.0	(0.0)
olvi43*	1.0	1.0	1.0	(1.0)
olvi43*	0.0	0.0	0.0	(0.0)
olvi44*	1.0	1.0	1.0	(1.0)
olvi44*	0.0	0.0	0.0	(0.0)
olvi45*	1.0	1.0	1.0	(1.0)
olvi45*	0.0	0.0	0.0	(0.0)
olvi46*	1.0	1.0	1.0	(1.0)
olvi46*	0.0	0.0	0.0	(0.0)
olvi47*	1.0	1.0	1.0	(1.0)
olvi47*	0.0	0.0	0.0	(0.0)
olvi48*	1.0	1.0	1.0	(1.0)
olvi48*	0.0	0.0	0.0	(0.0)
olvi49*	1.0	1.0	1.0	(1.0)
olvi49*	0.0	0.0	0.0	(0.0)
olvi50*	1.0	1.0	1.0	(1.0)
olvi50*	0.0	0.0	0.0	(0.0)
olvi51*	1.0	1.0	1.0	(1.0)
olvi51*	0.0	0.0	0.0	(0.0)
olvi52*	1.0	1.0	1.0	(1.0)
olvi52*	0.0	0.0	0.0	(0.0)
olvi53*	1.0	1.0	1.0	(1.0)
olvi53*	0.0	0.0	0.0	(0.0)
olvi54*	1.0	1.0	1.0	(1.0)
olvi54*	0.0	0.0	0.0	(0.0)
olvi55*	1.0	1.0	1.0	(1.0)
olvi55*	0.0	0.0	0.0	(0.0)
olvi56*	1.0	1.0	1.0	(1.0)
olvi56*	0.0	0.0	0.0	(0.0)
olvi57*	1.0	1.0	1.0	(1.0)
olvi57*	0.0	0.0	0.0	(0.0)
olvi58*	1.0	1.0	1.0	(1.0)
olvi58*	0.0	0.0	0.0	(0.0)
olvi59*	1.0	1.0	1.0	(1.0)
olvi59*	0.0	0.0	0.0	(0.0)
olvi60*	1.0	1.0	1.0	(1.0)
olvi60*	0.0	0.0	0.0	(0.0)
olvi61*	1.0	1.0	1.0	(1.0)
olvi61*	0.0	0.0	0.0	(0.0)
olvi62*	1.0	1.0	1.0	(1.0)
olvi62*	0.0	0.0	0.0	(0.0)
olvi63*	1.0	1.0	1.0	(1.0)
olvi63*	0.0	0.0	0.0	(0.0)
olvi64*	1.0	1.0	1.0	(1.0)
olvi64*	0.0	0.0	0.0	(0.0)
olvi65*	1.0	1.0	1.0	(1.0)
olvi65*	0.0	0.0	0.0	(0.0)
olvi66*	1.0	1.0	1.0	(1.0)
olvi66*	0.0	0.0	0.0	(0.0)
olvi67*	1.0	1.0	1.0	(1.0)
olvi67*	0.0	0.0	0.0	(0.0)
olvi68*	1.0	1.0	1.0	(1.0)
olvi68*	0.0	0.0	0.0	(0.0)
olvi69*	1.0	1.0	1.0	(1.0)
olvi69*	0.0	0.0	0.0	(0.0)
olvi70*	1.0	1.0	1.0	(1.0)
olvi70*	0.0	0.0	0.0	(0.0)
olvi71*	1.0	1.0	1.0	(1.0)
olvi71*	0.0	0.0	0.0	(0.0)
olvi72*	1.0	1.0	1.0	(1.0)
olvi72*	0.0	0.0	0.0	(0.0)
olvi73*	1.0	1.0	1.0	(1.0)
olvi73*	0.0	0.0	0.0	(0.0)
olvi74*	1.0	1.0	1.0	(1.0)
olvi74*	0.0	0.0	0.0	(0.0)
olvi75*	1.0	1.0	1.0	(1.0)
olvi75*	0.0	0.0	0.0	(0.0)
olvi76*	1.0	1.0	1.0	(1.0)
olvi76*	0.0	0.0	0.0	(0.0)
olvi77*	1.0	1.0	1.0	(1.0)
olvi77*	0.0	0.0	0.0	(0.0)
olvi78*	1.0	1.0	1.0	(1.0)
olvi78*	0.0	0.0	0.0	(0.0)
olvi79*	1.0	1.0	1.0	(1.0)
olvi79*	0.0	0.0	0.0	(0.0)
olvi80*	1.0	1.0	1.0	(1.0)
olvi80*	0.0	0.0	0.0	(0.0)
olvi81*	1.0	1.0	1.0	(1.0)
olvi81*	0.0	0.0	0.0	(0.0)
olvi82*	1.0	1.0	1.0	(1.0)
olvi82*	0.0	0.0	0.0	(0.0)
olvi83*	1.0	1.0	1.0	(1.0)
olvi83*	0.0	0.0	0.0	(0.0)
olvi84*	1.0	1.0	1.0	(1.0)
olvi84*	0.0	0.0	0.0	(0.0)
olvi85*	1.0	1.0	1.0	(1.0)
olvi85*	0.0	0.0	0.0	(0.0)
olvi86*	1.0	1.0	1.0	(1.0)
olvi86*	0.0	0.0	0.0	(0.0)
olvi87*	1.0	1.0	1.0	(1.0)
olvi87*	0.0	0.0	0.0	(0.0)
olvi88*	1.0	1.0	1.0	(1.0)
olvi88*	0.0	0.0	0.0	(0.0)
olvi89*	1.0	1.0	1.0	(1.0)
olvi89*	0.0	0.0	0.0	(0.0)
olvi90*	1.0	1.0	1.0	(1.0)
olvi90*	0.0	0.0	0.0	(0.0)
olvi91*	1.0	1.0	1.0	(1.0)
olvi91*	0.0	0.0	0.0	(0.0)
olvi92*	1.0	1.0	1.0	(1.0)
olvi92*	0.0	0.0	0.0	(0.0)
olvi93*	1.0	1.0	1.0	(1.0)
olvi93*	0.0	0.0	0.0	(0.0)
olvi94*	1.0	1.0	1.0	(1.0)
olvi94*	0.0	0.0	0.0	(0.0)
olvi95*	1.0	1.0	1.0	(1.0)
olvi95*	0.0	0.0	0.0	(0.0)
olvi96*	1.0	1.0	1.0	(1.0)
olvi96*	0.0	0.0	0.0	(0.0)
olvi97*	1.0	1.0	1.0	(1.0)
olvi97*	0.0	0.0	0.0	(0.0)
olvi98*	1.0	1.0	1.0	(1.0)
olvi98*	0.0	0.0	0.0	(0.0)
olvi99*	1.0	1.0	1.0	(1.0)
olvi99*	0.0	0.0	0.0	(0.0)
olvi100*	1.0	1.0	1.0	(1.0)
olvi100*	0.0	0.0	0.0	(0.0)

relative Inform. Technology (IT)

olvi3*	0.75	0.842	1.0	(1.0)
olvi3*	0.25	0.158	0.0	(0.0)
olvi4*	0.75	0.842	1.0	(1.0)
olvi4*	0.25	0.158	0.0	(0.0)
olvi5*	0.75	0.842	1.0	(1.0)
olvi5*	0.25	0.158	0.0	(0.0)
olvi6*	0.75	0.842	1.0	(1.0)
olvi6*	0.25	0.158	0.0	(0.0)
olvi7*	0.75	0.842	1.0	(1.0)
olvi7*	0.25	0.158	0.0	(0.0)
olvi8*	0.75	0.842	1.0	(1.0)
olvi8*	0.25	0.158	0.0	(0.0)
olvi9*	0.75	0.842	1.0	(1.0)
olvi9*	0.25	0.158	0.0	(0.0)
olvi10*	0.75	0.842	1.0	(1.0)
olvi10*	0.25	0.158	0.0	(0.0)
olvi11*	0.75	0.842	1.0	(1.0)
olvi11*	0.25	0.158	0.0	(0.0)
olvi12*	0.75	0.842	1.0	(1.0)
olvi12*	0.25	0.158	0.0	(0.0)
olvi13*	0.75	0.842	1.0	(1.0)
olvi13*	0.25	0.158	0.0	(0.0)
olvi14*	0.75	0.842	1.0	(1.0)
olvi14*	0.25	0.158	0.0	(0.0)
olvi15*	0.75	0.842	1.0	(1.0)
olvi15*	0.25	0.158	0.0	(0.0)
olvi16*	0.75	0.842	1.0	(1.0)
olvi16*	0.25	0.158	0.0	(0.0)
olvi17*	0.75	0.842	1.0	(1.0)
olvi17*	0.25	0.158	0.0	(0.0)
olvi18*	0.75	0.842	1.0	(1.0)
olvi18*	0.25	0.158	0.0	(0.0)
olvi19*	0.75	0.842	1.0	(1.0)
olvi19*	0.25	0.158	0.0	(0.0)
olvi20*	0.75	0.842	1.0	(1.0)
olvi20*	0.25	0.158	0.0	(0.0)
olvi21*	0.75	0.842	1.0	(1.0)
olvi21*	0.25	0.158	0.0	(0.0)
olvi22*	0.75	0.842	1.0	(1.0)
olvi22*	0.25	0.158	0.0	(0.0)
olvi23*	0.75	0.842	1.0	(1.0)
olvi23*	0.25	0.158	0.0	(0.0)
olvi24*	0.75	0.842	1.0	(1.0)
olvi24*	0.25	0.158	0.0	(0.0)
olvi25*	0.75	0.842	1.0	(1.0)
olvi25*	0.25	0.158	0.0	(0.0)
olvi26*	0.75	0.842	1.0	(1.0)
olvi26*	0.25	0.158	0.0	(0.0)
olvi27*	0.75	0.842	1.0	(1.0)
olvi27*	0.25	0.158	0.0	(0.0)
olvi28*	0.75	0.842	1.0	(1.0)
olvi28*	0.25	0.158		