

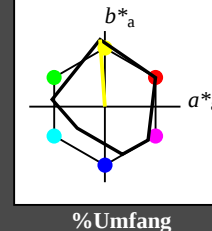
Eingabe: Farbmetrisches Reflexions-System MRS18

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)
LAB*LAB	95.41	-0.97	7.45	
LAB*Lab	95.41	0.0	0.0	
LAB*TCRa	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)	1.0	0.0	0.0
lab*trj	0.0	0.0	0.0
lab*trc	0.0	0.0	0.0
lab*trce	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*TCRa	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)	0.75	0.0	0.0
lab*trj	0.75	0.0	0.0
lab*trc	0.75	0.0	0.0
lab*trce	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)
LAB*LAB	56.71	-0.23	2.14	
LAB*Lab	56.71	0.0	0.0	
LAB*TCRa	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)	0.5	0.0	0.0
lab*trj	0.5	0.0	0.0
lab*trc	0.5	0.0	0.0
lab*trce	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)
LAB*LAB	37.36	-0.43	0.63	
LAB*Lab	37.36	0.0	0.0	
LAB*TCRa	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)	0.25	0.0	0.0
lab*trj	0.25	0.0	0.0
lab*trc	0.25	0.0	0.0
lab*trce	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)
LAB*LAB	18.02	0.0	0.46	
LAB*Lab	18.02	0.0	0.0	
LAB*TCRa	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)	0.0	0.0	0.0
lab*trj	0.0	0.0	0.0
lab*trc	0.0	0.0	0.0
lab*trce	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)
LAB*LAB	93.05	-4.11	48.97	
LAB*Lab	93.05	-3.17	44.37	
LAB*TCRa	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)	0.985	-0.017	0.25
lab*trj	0.875	0.25	0.258
lab*trc	0.875	0.25	0.258
lab*trce	0.0	0.25	0.938

relative Inform. Technology (IT)

olvi3*	0.75	0.75	0.25	(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	0.5	(0.0)
LAB*LAB	74.88	-2.17	25.56	
LAB*Lab	74.88	-1.58	22.19	
LAB*TCRa	62.5	22.24	94.1	

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)	0.75	0.0	0.0
lab*trj	0.75	0.0	0.0
lab*trc	0.75	0.0	0.0
lab*trce	0.0	0.0	0.938

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	0.5	(1.0)
cmyn4*	0.0	0.0	0.5	(0.0)
LAB*LAB	56.71	-0.23	2.14	
LAB*Lab	56.71	0.0	0.0	
LAB*TCRa	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)	0.5	0.0	0.0
lab*trj	0.5	0.0	0.0
lab*trc	0.5	0.0	0.0
lab*trce	0.0	0.0	0.938

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	0.5	(1.0)
cmyn4*	0.0	0.0	0.5	(0.0)
LAB*LAB	37.36	-0.43	0.63	
LAB*Lab	37.36	0.0	0.0	
LAB*TCRa	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)	0.25	0.0	0.0
lab*trj	0.25	0.0	0.0
lab*trc	0.25	0.0	0.0
lab*trce	0.0	0.0	0.938

$n^* = 0.50$

$n^* = 0.25$

Schwarzheit n^*

relative Buntheit c^*

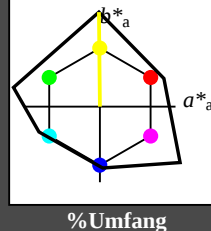
Ausgabe: Farbmetrisches Reflexions-System NCS11

für Buntton $h^* = lab^*h = 91/360 = 0.252$

lab^*ch und lab^*nch

D65: Buntton J
LCH*Ma: 91 125 91
rgb*Ma: 1.0 1.0 0.0

Dreiecks-Helligkeit t^*



$u^*_{rel} = 149$

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	7.45	
LAB*Lab	95.41	0.0	0.0	
LAB*TCRa	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)	1.0	0.0	0.0
lab*trj	1.0	0.0	0.0
lab*trc	1.0	0.0	0.0
lab*trce	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	74.31	0.02	0.0	
LAB*Lab	74.31	0.0	0.0	
LAB*TCRa	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)	0.75	0.0	0.0
lab*trj	0.75	0.0	0.0
lab*trc	0.75	0.0	0.0
lab*trce	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	53.21	0.04	0.0	
LAB*Lab	53.21	0.0	0.0	
LAB*TCRa	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)	0.5	0.0	0.0
lab*trj	0.5	0.0	0.0
lab*trc	0.5	0.0	0.0
lab*trce	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	31.21	0.05	0.0	
LAB*Lab	31.21	0.0	0.0	
LAB*TCRa	30.0	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)	0.25	0.0	0.0
lab*trj	0.25	0.0	0.0
lab*trc	0.25	0.0	0.0
lab*trce	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	11.01	0.0	0.0	
LAB*Lab	11.01	0.0	0.0	
LAB*TCRa	0.0	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)	0.0	0.0	0.0
lab*trj	0.0	0.0	0.0
lab*trc	0.0	0.0	0.0
lab*trce	0.0	0.0	0.0

$n^* = 1.0$

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)
LAB*LAB	94.39	-0.3	31.24	
LAB*Lab	94.39	-0.31	31.24	
LAB*TCRa	87.5	31.25	90.59	

relative CIELAB lab*

lab*lab	0.988	-0.002	0.25
lab*ch	0.875	0.25	0.252
lab*nch	0.0	0.25	0.252
relative Natural Colour (NC)	0.988	0.01	0.25
lab*trj	0.875	0.25	0.243
lab*trc	0.875	0.25	0.243
lab*trce	0.0	0.25	0.971

LAB* <i>TCHa</i>	75.0	62.5	90.59
relative CIELAB <i>lab</i> *			
<i>lab</i> * <i>lab</i>	0.976	-0.004	0.5
<i>lab</i> * <i>ich</i>	0.75	0.5	0.252
<i>lab</i> * <i>nch</i>	0.0	0.5	0.252
relative Natural Colour (NC)			
<i>lab</i> * <i>lrj</i>	0.976	0.02	0.499
<i>lab</i> * <i>lce</i>	0.75	0.5	0.243
<i>lab</i> * <i>nce</i>	0.0	0.5	0.243

Eingabe: Farbmetrisches Reflexions-System MRS18

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

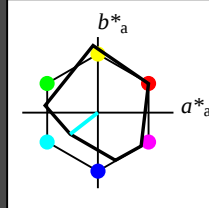
lab^*ch und lab^*nch

D65: Buntton G50B

LCH*Ma: 45 46 218

rgb*Ma: 0.0 1.0 1.0

Dreiecks-Helligkeit t^*



%Umfang

$u^*_{rel} = 91$

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 47.5
LAB*Lab 95.41 0.0 0.0
LAB*TCh 99.99 0.01 -

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 -
relative Natural Colour (NC)
lab*tr 1.0 0.0 0.0
lab*tc 1.0 0.0 -
lab*nc 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*TCh 75.0 0.01 -

relative CIELAB lab*
lab*lab 0.75 0.0 0.0
lab*ch 0.75 0.0 -
lab*nch 0.0 0.0 -
relative Natural Colour (NC)
lab*tr 0.75 0.0 0.0
lab*tc 0.75 0.0 -
lab*nc 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*TCh 50.0 0.01 -

relative CIELAB lab*
lab*lab 0.5 0.0 0.0
lab*ch 0.5 0.0 -
lab*nch 0.0 0.0 -
relative Natural Colour (NC)
lab*tr 0.5 0.0 0.0
lab*tc 0.5 0.0 -
lab*nc 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 -0.63 0.83
LAB*Lab 37.36 0.0 0.0
LAB*TCh 25.0 0.01 -

relative CIELAB lab*
lab*lab 0.25 0.0 0.0
lab*ch 0.25 0.0 -
lab*nch 0.0 0.0 -
relative Natural Colour (NC)
lab*tr 0.25 0.0 0.0
lab*tc 0.25 0.0 -
lab*nc 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 0.46
LAB*Lab 18.02 0.0 0.0
LAB*TCh 0.01 0.01 -

relative CIELAB lab*
lab*lab 0.0 0.0 0.0
lab*ch 0.0 0.0 -
lab*nch 1.0 0.0 -
relative Natural Colour (NC)
lab*tr 0.0 0.0 0.0
lab*tc 0.0 0.0 -
lab*nc 1.0 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* 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* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 70.21 -18.77 -11.17
LAB*Lab 70.21 -18.77 -11.17
LAB*TCh 75.0 23.17 217.91

relative CIELAB lab*
lab*lab 0.674 -0.393 -0.306
lab*ch 0.75 0.5 0.605
lab*nch 0.0 0.5 0.605
relative Natural Colour (NC)
lab*tr 0.674 -0.353 -0.352
lab*tc 0.75 0.5 0.605
lab*nc 0.0 0.5 0.605

relative Inform. Technology (IT)
olvi3* 0.25 0.75 0.75 (1.0)
cmyn3* 0.75 0.25 0.25 (0.0)
olvi4* 0.5 0.5 0.5 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 50.87 -18.4 -12.48
LAB*Lab 50.87 -18.4 -12.48
LAB*TCh 50.0 23.17 217.91

relative CIELAB lab*
lab*lab 0.425 -0.394 -0.306
lab*ch 0.5 0.5 0.605
lab*nch 0.0 0.5 0.605
relative Natural Colour (NC)
lab*tr 0.425 -0.353 -0.352
lab*tc 0.5 0.5 0.605
lab*nc 0.0 0.5 0.605

relative Inform. Technology (IT)
olvi3* 0.0 0.5 0.5 (1.0)
cmyn3* 1.0 0.5 0.5 (0.0)
olvi4* 0.5 0.5 0.5 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 31.52 -18.03 -13.78
LAB*Lab 31.52 -18.03 -13.78
LAB*TCh 37.5 11.59 217.91

relative CIELAB lab*
lab*lab 0.337 -0.591 -0.46
lab*ch 0.375 0.75 0.605
lab*nch 0.0 0.5 0.605
relative Natural Colour (NC)
lab*tr 0.337 -0.529 -0.529
lab*tc 0.375 0.75 0.605
lab*nc 0.0 0.5 0.605

relative Inform. Technology (IT)
olvi3* 0.0 0.5 0.5 (1.0)
cmyn3* 1.0 0.5 0.5 (0.0)
olvi4* 0.5 0.5 0.5 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 11.01 0.0 0.0
LAB*Lab 11.01 0.0 0.0
LAB*TCh 0.01 0.01 -

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

$n^* = 0.50$

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 25.01 23.17 217.91

relative CIELAB lab*
lab*lab 0.175 -0.393 -0.306
lab*ch 0.25 0.5 0.605
lab*nch 0.0 0.5 0.605
relative Natural Colour (NC)
lab*tr 0.175 -0.353 -0.352
lab*tc 0.25 0.5 0.605
lab*nc 0.0 0.5 0.605

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

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

$n^* = 0.25$

Schwarzheit n^*

relative Buntheit c^*

Ausgabe: Farbmetrisches Reflexions-System NCS11

für Buntton $h^* = lab^*h = 203/360 = 0.563$

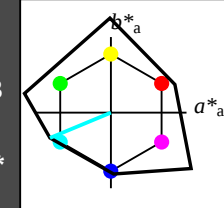
lab^*ch und lab^*nch

D65: Buntton G50B

LCH*Ma: 59 87 203

rgb*Ma: 0.0 1.0 1.0

Dreiecks-Helligkeit t^*



%Umfang

$u^*_{rel} = 149$

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*TCh 99.99 0.01 -

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 -
relative Natural Colour (NC)
lab*tr 1.0 0.0 0.0
lab*tc 1.0 0.0 -
lab*nc 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*Lab 74.31 0.02 0.0
LAB*TCh 75.0 0.01 -

relative CIELAB lab*
lab*lab 0.75 0.0 0.0
lab*ch 0.75 0.0 -
lab*nch 0.0 0.0 -
relative Natural Colour (NC)
lab*tr 0.75 0.0 0.0
lab*tc 0.75 0.0 -
lab*nc 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*Lab 53.21 0.04 0.0
LAB*TCh 50.0 0.01 -

relative CIELAB lab*
lab*lab 0.5 0.0 0.0
lab*ch 0.5 0.0 -
lab*nch 0.0 0.0 -
relative Natural Colour (NC)
lab*tr 0.5 0.0 0.0
lab*tc 0.5 0.0 -
lab*nc 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 0.05 0.0
LAB*Lab 32.11 0.05 0.0
LAB*TCh 37.5 11.59 217.91

relative CIELAB lab*
lab*lab 0.25 0.0 0.0
lab*ch 0.25 0.0 -
lab*nch 0.0 0.0 -
relative Natural Colour (NC)
lab*tr 0.25 0.0 0.0
lab*tc 0.25 0.0 -
lab*nc 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* 1.0 0.0 0.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 11.01 0.0 0.0
LAB*Lab 11.01 0.0 0.0
LAB*TCh 0.01 0.01 -

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

$n^* = 1.0$

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* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 65.32 -0.11 -8.35
LAB*Lab 65.32 -0.11 -8.35
LAB*TCh 62.5 21.82 202.54

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

relative Inform. Technology (IT)
olvi3* 0.25 0.75 0.75 (1.0)
cmyn3* 0.75 0.25 0.25 (0.0)
olvi4* 0.5 0.5 0.5 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 56.33 -0.3 -16.71
LAB*Lab 56.33 -0.3 -16.71
LAB*TCh 50.0 43.64 202.54

relative CIELAB lab*
lab*lab 0.394 -0.23 -0.095
lab*ch 0.375 0.25 0.563
lab*nch 0.0 0.5 0.563
relative Natural Colour (NC)
lab*tr 0.394 -0.208 -0.136
lab*tc 0.375 0.25 0.563
lab*nc 0.0 0.5 0.563

relative Inform. Technology (IT)
olvi3* 0.0 0.5 0.5 (1.0)
cmyn3* 0.75 0.5 0.5 (0.0)
olvi4* 0.5 0.5 0.5 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 44.22 -20.09 -8.34
LAB*Lab 44.22 -20.09 -8.34
LAB*TCh 37.5 11.59 217.91

relative CIELAB lab*
lab*lab 0.394 -0.23 -0.095
lab*ch 0.375 0.25 0.563
lab*nch 0.0 0.5 0.563
relative Natural Colour (NC)
lab*tr 0.394 -0.208 -0.136
lab*tc 0.375 0.25 0.563
lab*nc 0.0 0.5 0.563

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 25.01 23.17 217.91

relative CIELAB lab*
lab*lab 0.175 -0.393 -0.306
lab*ch 0.25 0.5 0.605
lab*nch 0.0 0.5 0.605
relative Natural Colour (NC)
lab*tr 0.175 -0.353 -0.352
lab*tc 0.25 0.5 0.605
lab*nc 0.0 0.5 0.605

$n^* = 0.50$

relative Inform. Technology (IT)
olvi3* 0.0 0.5 0.5 (1.0)
cmyn3* 1.0 0.5 0.5 (0.0)
olvi4* 0.5 0.5 0.5 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 11.01 0.0 0.0
LAB*Lab 11.01 0.0 0.0
LAB*TCh 0.01 0.01 -

relative CIELAB lab*
lab*lab 0.0 0.0 0.0
lab*ch 0.0 0.0 -
lab*nch 1.0 0.0 -
relative Natural Colour (NC)
lab*tr 0.0 0.0 0.0
lab*tc 0.0 0.0 -
lab*nc 1.0 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* 1.0 0.0 0.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 18.02 0.46
LAB*Lab 18.02 0.0 0.0
LAB*TCh 0.01 0.01 -

relative CIELAB lab*
lab*lab 0.0 0.0 0.0
lab*ch 0.0 0.0 -
lab*nch 1.0 0.0 -
relative Natural Colour (NC)
lab*tr 0.0 0.0 0.0
lab*tc 0.0 0.0 -
lab*nc 1.0 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* 1.0 0.0 0.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 18.02 0.46
LAB*Lab 18.02 0.0 0.0
LAB*TCh 0.01 0.01 -

relative CIELAB lab*
lab*lab 0.0 0.0 0.0
lab*ch 0.0 0.0 -
lab*nch 1.0 0.0 -
relative Natural Colour (NC)
lab*tr 0.0 0.0 0.0
lab*tc 0.0 0.0 -
lab*nc 1.0 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* 1.0 0.0 0.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 18.02 0.46
LAB*Lab 18.02 0.0 0.0
LAB*TCh 0.01 0.01 -

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

$n^* = 0.25$

relative Inform. Technology (IT)
olvi3* 0.0 0.5 0.5 (1.0)
cmyn3* 1.0 0.5 0.5 (0.0)
olvi4* 0.5 0.5 0.5 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 11.01 0.0 0.0
LAB*Lab 11.01 0.0 0.0
LAB*TCh 0.01 0.01 -

relative CIELAB lab*
lab*lab 0.0 0.0 0.0
lab*ch 0.0 0.0 -
lab*nch 1.0 0.0 -
relative Natural Colour (NC)
lab*tr 0.0 0.0 0.0
lab*tc 0.0 0.0 -
lab*nc 1.0 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* 1.0 0.0 0.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 18.02 0.46
LAB*Lab 18.02 0.0 0.0
LAB*TCh 0.01 0.01 -

relative CIELAB lab*
lab*lab 0.0 0.0 0.0
lab*ch 0.0 0.0 -
lab*nch 1.0 0.0 -
relative Natural Colour (NC)
lab*tr 0.0 0.0 0.0
lab*tc 0.0 0.0 -
lab*nc 1.0 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* 1.0 0.0 0.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 18.02 0.46
LAB*Lab 18.02 0.0 0.0
LAB*TCh 0.01 0.01 -

relative CIELAB lab*
lab*lab 0.0 0.0 0.0
lab*ch 0.0 0.0 -
lab*nch 1.0 0.0 -
relative Natural Colour (NC)
lab*tr 0.0 0.0 0.0
lab*tc 0.0 0.0 -
lab*nc 1.0 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* 1.0 0.0 0.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 18.02 0.46
LAB*Lab 18.02 0.0 0.0
LAB*TCh 0.01 0.01 -

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

$n^* = 0.10$

Eingabe: Farbmetrisches Reflexions-System MRS18

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

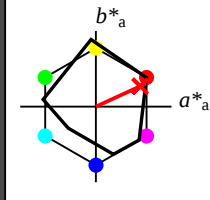
lab^*ch und lab^*nch

D65: Buntton R

LCH*Ma: 48 73 25

rgb*Ma: 1.0 0.0 0.1

Dreiecks-Helligkeit t^*



%Umfang

$u^*_{rel} = 91$

relative Inform. Technology (IT)

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

relative Inform. Technology (IT)

olvi3*	1.0	0.75	0.75	(1.0)
olvi4*	0.0	0.25	0.25	(0.0)
olvi5*	0.0	0.75	0.75	(0.0)
olvi6*	0.0	0.25	0.25	(0.0)
olvi7*	0.0	0.75	0.75	(0.0)
olvi8*	0.0	0.25	0.25	(0.0)
olvi9*	0.0	0.75	0.75	(0.0)
olvi10*	0.0	0.25	0.25	(0.0)
olvi11*	0.0	0.75	0.75	(0.0)
olvi12*	0.0	0.25	0.25	(0.0)
olvi13*	0.0	0.75	0.75	(0.0)
olvi14*	0.0	0.25	0.25	(0.0)
olvi15*	0.0	0.75	0.75	(0.0)
olvi16*	0.0	0.25	0.25	(0.0)
olvi17*	0.0	0.75	0.75	(0.0)
olvi18*	0.0	0.25	0.25	(0.0)
olvi19*	0.0	0.75	0.75	(0.0)
olvi20*	0.0	0.25	0.25	(0.0)
olvi21*	0.0	0.75	0.75	(0.0)
olvi22*	0.0	0.25	0.25	(0.0)
olvi23*	0.0	0.75	0.75	(0.0)
olvi24*	0.0	0.25	0.25	(0.0)
olvi25*	0.0	0.75	0.75	(0.0)
olvi26*	0.0	0.25	0.25	(0.0)
olvi27*	0.0	0.75	0.75	(0.0)
olvi28*	0.0	0.25	0.25	(0.0)
olvi29*	0.0	0.75	0.75	(0.0)
olvi30*	0.0	0.25	0.25	(0.0)
olvi31*	0.0	0.75	0.75	(0.0)
olvi32*	0.0	0.25	0.25	(0.0)
olvi33*	0.0	0.75	0.75	(0.0)
olvi34*	0.0	0.25	0.25	(0.0)
olvi35*	0.0	0.75	0.75	(0.0)
olvi36*	0.0	0.25	0.25	(0.0)
olvi37*	0.0	0.75	0.75	(0.0)
olvi38*	0.0	0.25	0.25	(0.0)
olvi39*	0.0	0.75	0.75	(0.0)
olvi40*	0.0	0.25	0.25	(0.0)
olvi41*	0.0	0.75	0.75	(0.0)
olvi42*	0.0	0.25	0.25	(0.0)
olvi43*	0.0	0.75	0.75	(0.0)
olvi44*	0.0	0.25	0.25	(0.0)
olvi45*	0.0	0.75	0.75	(0.0)
olvi46*	0.0	0.25	0.25	(0.0)
olvi47*	0.0	0.75	0.75	(0.0)
olvi48*	0.0	0.25	0.25	(0.0)
olvi49*	0.0	0.75	0.75	(0.0)
olvi50*	0.0	0.25	0.25	(0.0)
olvi51*	0.0	0.75	0.75	(0.0)
olvi52*	0.0	0.25	0.25	(0.0)
olvi53*	0.0	0.75	0.75	(0.0)
olvi54*	0.0	0.25	0.25	(0.0)
olvi55*	0.0	0.75	0.75	(0.0)
olvi56*	0.0	0.25	0.25	(0.0)
olvi57*	0.0	0.75	0.75	(0.0)
olvi58*	0.0	0.25	0.25	(0.0)
olvi59*	0.0	0.75	0.75	(0.0)
olvi60*	0.0	0.25	0.25	(0.0)
olvi61*	0.0	0.75	0.75	(0.0)
olvi62*	0.0	0.25	0.25	(0.0)
olvi63*	0.0	0.75	0.75	(0.0)
olvi64*	0.0	0.25	0.25	(0.0)
olvi65*	0.0	0.75	0.75	(0.0)
olvi66*	0.0	0.25	0.25	(0.0)
olvi67*	0.0	0.75	0.75	(0.0)
olvi68*	0.0	0.25	0.25	(0.0)
olvi69*	0.0	0.75	0.75	(0.0)
olvi70*	0.0	0.25	0.25	(0.0)
olvi71*	0.0	0.75	0.75	(0.0)
olvi72*	0.0	0.25	0.25	(0.0)
olvi73*	0.0	0.75	0.75	(0.0)
olvi74*	0.0	0.25	0.25	(0.0)
olvi75*	0.0	0.75	0.75	(0.0)
olvi76*	0.0	0.25	0.25	(0.0)
olvi77*	0.0	0.75	0.75	(0.0)
olvi78*	0.0	0.25	0.25	(0.0)
olvi79*	0.0	0.75	0.75	(0.0)
olvi80*	0.0	0.25	0.25	(0.0)
olvi81*	0.0	0.75	0.75	(0.0)
olvi82*	0.0	0.25	0.25	(0.0)
olvi83*	0.0	0.75	0.75	(0.0)
olvi84*	0.0	0.25	0.25	(0.0)
olvi85*	0.0	0.75	0.75	(0.0)
olvi86*	0.0	0.25	0.25	(0.0)
olvi87*	0.0	0.75	0.75	(0.0)
olvi88*	0.0	0.25	0.25	(0.0)
olvi89*	0.0	0.75	0.75	(0.0)
olvi90*	0.0	0.25	0.25	(0.0)
olvi91*	0.0	0.75	0.75	(0.0)
olvi92*	0.0	0.25	0.25	(0.0)
olvi93*	0.0	0.75	0.75	(0.0)
olvi94*	0.0	0.25	0.25	(0.0)
olvi95*	0.0	0.75	0.75	(0.0)
olvi96*	0.0	0.25	0.25	(0.0)
olvi97*	0.0	0.75	0.75	(0.0)
olvi98*	0.0	0.25	0.25	(0.0)
olvi99*	0.0	0.75	0.75	(0.0)
olvi100*	0.0	0.25	0.25	(0.0)

LAB*LABa	83.6	16.5	7.59
LAB*TCHa	87.5	18.16	24.69
relative CIELAB lab*			
lab*lab	0.847	0.227	0.104
lab*tch	0.875	0.25	0.069
lab*nc	0.0	0.25	0.069
relative Natural Colour (NC)			
lab*lri	0.847	0.25	0.0

Eingabe: Farbmetrisches Reflexions-System MRS18

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

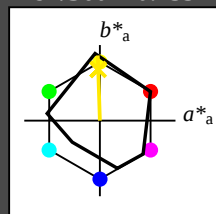
lab^*ch und lab^*nch

D65: Buntton J

LCH*Ma: 89 86 92

rgb*Ma: 1.0 0.95 0.0

Dreiecks-Helligkeit t^*



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
G50B _{Ma}	45.03	-36.57	-28.47	46.36	218
B _{Ma}	36.65	23.19	-63.05	67.18	290
B50R _{Ma}	34.94	57.17	-44.26	72.31	322
N _{Ma}	18.01	0.0	0.0	0.0	0
W _{Ma}	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 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 47.5
LAB*Lab 95.41 0.0 0.0
LAB*TC_{Ma} 99.99 0.01 -

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

relative Inform. Technology (IT)
olvi3* 1.0 0.976 0.5 (1.0)
cmyn3* 0.0 0.037 0.25 (0.0)
olvi4* 1.0 0.976 0.5 (1.0)
cmyn4* 0.0 0.037 0.25 (0.0)
standard and adapted CIELAB
LAB*LAB 92.04 -2.3 47.67
LAB*Lab 92.04 -1.39 43.14
LAB*TC_{Ma} 75.0 43.16 91.85

relative Inform. Technology (IT)
olvi3* 1.0 0.963 0.25 (1.0)
cmyn3* 0.0 0.087 0.25 (0.0)
olvi4* 1.0 0.963 0.25 (1.0)
cmyn4* 0.0 0.087 0.25 (0.0)
standard and adapted CIELAB
LAB*LAB 90.36 -2.96 69.13
LAB*Lab 90.36 -2.08 64.71
LAB*TC_{Ma} 62.5 64.74 91.85

relative Inform. Technology (IT)
olvi3* 1.0 0.951 0.0 (1.0)
cmyn3* 0.0 0.049 1.0 (0.0)
olvi4* 1.0 0.951 0.0 (1.0)
cmyn4* 0.0 0.049 1.0 (0.0)
standard and adapted CIELAB
LAB*LAB 88.68 -3.62 90.58
LAB*Lab 88.68 -2.71 86.27
LAB*TC_{Ma} 50.0 86.32 91.85

relative Inform. Technology (IT)
olvi3* 0.5 0.5 0.5 (1.0)
cmyn3* 0.5 0.5 0.5 (1.0)
olvi4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 53.21 0.4 0.0
LAB*Lab 53.21 0.0 0.0
LAB*TC_{Ma} 50.0 0.1 -

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 48.82 0.25 0.25
LAB*Lab 48.82 0.25 0.25
LAB*TC_{Ma} 50.0 0.1 -

relative Inform. Technology (IT)
olvi3* 0.5 0.5 0.5 (1.0)
cmyn3* 0.5 0.5 0.5 (1.0)
olvi4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 53.21 0.4 0.0
LAB*Lab 53.21 0.0 0.0
LAB*TC_{Ma} 50.0 0.1 -

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 48.82 0.25 0.25
LAB*Lab 48.82 0.25 0.25
LAB*TC_{Ma} 50.0 0.1 -

relative Inform. Technology (IT)
olvi3* 0.967 1.0 0.0 (1.0)
cmyn3* 0.033 0.0 1.0 (0.0)
olvi4* 0.968 1.0 0.0 (1.0)
cmyn4* 0.033 0.0 1.0 (0.0)
standard and adapted CIELAB
LAB*LAB 90.45 -4.93 121.77
LAB*Lab 90.45 -4.93 121.77
LAB*TC_{Ma} 50.0 121.87 92.32

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*TC_{Ma} 75.0 0.01 -

relative Inform. Technology (IT)
olvi3* 0.75 0.726 0.25 (1.0)
cmyn3* 0.25 0.274 0.75 (0.0)
olvi4* 1.0 0.988 0.75 (0.75)
cmyn4* 0.0 0.012 0.25 (0.25)
standard and adapted CIELAB
LAB*LAB 74.38 -1.26 24.91
LAB*Lab 74.38 -0.68 21.57
LAB*TC_{Ma} 62.5 21.58 91.84

relative Inform. Technology (IT)
olvi3* 0.75 0.726 0.25 (1.0)
cmyn3* 0.25 0.274 0.75 (0.0)
olvi4* 1.0 0.988 0.75 (0.75)
cmyn4* 0.0 0.012 0.25 (0.25)
standard and adapted CIELAB
LAB*LAB 72.7 -1.92 46.37
LAB*Lab 72.7 -1.38 43.14
LAB*TC_{Ma} 50.0 43.16 91.84

relative Inform. Technology (IT)
olvi3* 0.75 0.713 0.0 (1.0)
cmyn3* 0.25 0.274 0.75 (0.0)
olvi4* 1.0 0.976 0.5 (0.75)
cmyn4* 0.0 0.024 0.5 (0.25)
standard and adapted CIELAB
LAB*LAB 72.7 -1.92 46.37
LAB*Lab 72.7 -1.38 43.14
LAB*TC_{Ma} 50.0 43.16 91.84

relative Inform. Technology (IT)
olvi3* 0.75 0.713 0.0 (1.0)
cmyn3* 0.25 0.274 0.75 (0.0)
olvi4* 1.0 0.976 0.5 (0.75)
cmyn4* 0.0 0.024 0.5 (0.25)
standard and adapted CIELAB
LAB*LAB 72.7 -1.92 46.37
LAB*Lab 72.7 -1.38 43.14
LAB*TC_{Ma} 50.0 43.16 91.84

relative Inform. Technology (IT)
olvi3* 0.75 0.713 0.0 (1.0)
cmyn3* 0.25 0.274 0.75 (0.0)
olvi4* 1.0 0.976 0.5 (0.75)
cmyn4* 0.0 0.024 0.5 (0.25)
standard and adapted CIELAB
LAB*LAB 72.7 -1.92 46.37
LAB*Lab 72.7 -1.38 43.14
LAB*TC_{Ma} 50.0 43.16 91.84

relative Inform. Technology (IT)
olvi3* 0.75 0.713 0.0 (1.0)
cmyn3* 0.25 0.274 0.75 (0.0)
olvi4* 1.0 0.976 0.5 (0.75)
cmyn4* 0.0 0.024 0.5 (0.25)
standard and adapted CIELAB
LAB*LAB 72.7 -1.92 46.37
LAB*Lab 72.7 -1.38 43.14
LAB*TC_{Ma} 50.0 43.16 91.84

relative Inform. Technology (IT)
olvi3* 0.75 0.713 0.0 (1.0)
cmyn3* 0.25 0.274 0.75 (0.0)
olvi4* 1.0 0.976 0.5 (0.75)
cmyn4* 0.0 0.024 0.5 (0.25)
standard and adapted CIELAB
LAB*LAB 72.7 -1.92 46.37
LAB*Lab 72.7 -1.38 43.14
LAB*TC_{Ma} 50.0 43.16 91.84

relative Inform. Technology (IT)
olvi3* 0.75 0.713 0.0 (1.0)
cmyn3* 0.25 0.274 0.75 (0.0)
olvi4* 1.0 0.976 0.5 (0.75)
cmyn4* 0.0 0.024 0.5 (0.25)
standard and adapted CIELAB
LAB*LAB 72.7 -1.92 46.37
LAB*Lab 72.7 -1.38 43.14
LAB*TC_{Ma} 50.0 43.16 91.84

relative Inform. Technology (IT)
olvi3* 0.75 0.713 0.0 (1.0)
cmyn3* 0.25 0.274 0.75 (0.0)
olvi4* 1.0 0.976 0.5 (0.75)
cmyn4* 0.0 0.024 0.5 (0.25)
standard and adapted CIELAB
LAB*LAB 72.7 -1.92 46.37
LAB*Lab 72.7 -1.38 43.14
LAB*TC_{Ma} 50.0 43.16 91.84

relative Inform. Technology (IT)
olvi3* 0.75 0.713 0.0 (1.0)
cmyn3* 0.25 0.274 0.75 (0.0)
olvi4* 1.0 0.976 0.5 (0.75)
cmyn4* 0.0 0.024 0.5 (0.25)
standard and adapted CIELAB
LAB*LAB 72.7 -1.92 46.37
LAB*Lab 72.7 -1.38 43.14
LAB*TC_{Ma} 50.0 43.16 91.84

relative Inform. Technology (IT)
olvi3* 0.75 0.713 0.0 (1.0)
cmyn3* 0.25 0.274 0.75 (0.0)
olvi4* 1.0 0.976 0.5 (0.75)
cmyn4* 0.0 0.024 0.5 (0.25)
standard and adapted CIELAB
LAB*LAB 72.7 -1.92 46.37
LAB*Lab 72.7 -1.38 43.14
LAB*TC_{Ma} 50.0 43.16 91.84

relative Inform. Technology (IT)
olvi3* 0.75 0.713 0.0 (1.0)
cmyn3* 0.25 0.274 0.75 (0.0)
olvi4* 1.0 0.976 0.5 (0.75)
cmyn4* 0.0 0.024 0.5 (0.25)
standard and adapted CIELAB
LAB*LAB 72.7 -1.92 46.37
LAB*Lab 72.7 -1.38 43.14
LAB*TC_{Ma} 50.0 43.16 91.84

relative Inform. Technology (IT)
olvi3* 0.75 0.713 0.0 (1.0)
cmyn3* 0.25 0.274 0.75 (0.0)
olvi4* 1.0 0.976 0.5 (0.75)
cmyn4* 0.0 0.024 0.5 (0.25)
standard and adapted CIELAB
LAB*LAB 72.7 -1.92 46.37
LAB*Lab 72.7 -1.38 43.14
LAB*TC_{Ma} 50.0 43.16 91.84

relative Inform. Technology (IT)
olvi3* 0.75 0.713 0.0 (1.0)
cmyn3* 0.25 0.274 0.75 (0.0)
olvi4* 1.0 0.976 0.5 (0.75)
cmyn4* 0.0 0.024 0.5 (0.25)
standard and adapted CIELAB
LAB*LAB 72.7 -1.92 46.37
LAB*Lab 72.7 -1.38 43.14
LAB*TC_{Ma} 50.0 43.16 91.84

relative Inform. Technology (IT)
olvi3* 0.75 0.713 0.0 (1.0)
cmyn3* 0.25 0.274 0.75 (0.0)
olvi4* 1.0 0.976 0.5 (0.75)
cmyn4* 0.0 0.024 0.5 (0.25)
standard and adapted CIELAB
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LAB*Lab 72.7 -1.38 43.14
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olvi3* 0.75 0.713 0.0 (1.0)
cmyn3* 0.25 0.274 0.75 (0.0)
olvi4* 1.0 0.976 0.5 (0.75)
cmyn4* 0.0 0.024 0.5 (0.25)
standard and adapted CIELAB
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LAB*Lab 72.7 -1.38 43.14
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olvi3* 0.75 0.713 0.0 (1.0)
cmyn3* 0.25 0.274 0.75 (0.0)
olvi4* 1.0 0.976 0.5 (0.75)
cmyn4* 0.0 0.024 0.5 (0.25)
standard and adapted CIELAB
LAB*LAB 72.7 -1.92 46.37
LAB*Lab 72.7 -1.38 43.14
LAB*TC_{Ma} 50.0 43.16 91.84

relative Inform. Technology (IT)
olvi3* 0.75 0.713 0.0 (1.0)
cmyn3* 0.25 0.274 0.75 (0.0)
olvi4* 1.0 0.976 0.5 (0.75)
cmyn4* 0.0 0.024 0.5 (0.25)
standard and adapted CIELAB
LAB*LAB 72.7 -1.92 46.37
LAB*Lab 72.7 -1.38 43.14
LAB*TC_{Ma} 50.0 43.16 91.84

relative Inform. Technology (IT)
olvi3* 0.75 0.713 0.0 (1.0)
cmyn3* 0.25 0.274 0.75 (0.0)
olvi4* 1.0 0.976 0.5 (0.75)
cmyn4* 0.0 0.024 0.5 (0.25)
standard and adapted CIELAB
LAB*LAB 72.7 -1.92 46.37
LAB*Lab 72.7 -1.38 43.14
LAB*TC_{Ma} 50.0 43.16 91.84

relative Inform. Technology (IT)
olvi3* 0.75 0.713 0.0 (1.0)
cmyn3* 0.25 0.274 0.75 (0.0)
olvi4* 1.0 0.976 0.5 (0.75)
cmyn4* 0.0 0.024 0.5 (0.25)
standard and adapted CIELAB
LAB*LAB 72.7 -1.92 46.37
LAB*Lab 72.7 -1.38 43.14
LAB*TC_{Ma} 50.0 43.16 91.84

relative Inform. Technology (IT)
olvi3* 0.75 0.713 0.0 (1.0)
cmyn3* 0.25 0.274 0.75 (0.0)
olvi4* 1.0 0.976 0.5 (0.75)
cmyn4* 0.0 0.024 0.5 (0.25)
standard and adapted CIELAB
LAB*LAB 72.7 -1.92 46.37
LAB*Lab 72.7 -1.38 43.14
LAB*TC_{Ma} 50.0 43.16 91.84

relative Inform. Technology (IT)
olvi3* 0.75 0.713 0.0 (1.0)
cmyn3* 0.25 0.274 0.75 (0.0)
olvi4* 1.0 0.976 0.5 (0.75)
cmyn4* 0.0 0.024 0.5 (0.25)
standard and adapted CIELAB
LAB*LAB 72.7 -1.92 46.37
LAB*Lab 72.7 -1.38 43.14
LAB*TC_{Ma} 50.0 43.16 91.84

relative Inform. Technology (IT)
olvi3* 0.75 0.713 0.0 (1.0)
cmyn3* 0.25 0.274 0.75 (0.0)
olvi4* 1.0 0.976 0.5 (0.75)
cmyn4* 0.0 0.024 0.5 (0.25)
standard and adapted CIELAB
LAB*LAB 72.7 -1.92 46.37
LAB*Lab 72.7 -1.38 43.14
LAB*TC_{Ma} 50.0 43.16 91.84

relative Inform. Technology (IT)
olvi3* 0.75 0.713 0.0 (1.0)
cmyn3* 0.25 0.274 0.75 (0.0)
olvi4* 1.0 0.976 0.5 (0.75)
cmyn4* 0.0 0.024 0.5 (0.25)
standard and adapted CIELAB
LAB*LAB 72.7 -1.92 46.37
LAB*Lab 72.7 -1.38 43.14
LAB*TC_{Ma} 50.0 43.16 91.84

relative Inform. Technology (IT)
olvi3* 0.75 0.713 0.0 (1.0)
cmyn3* 0.25 0.274 0.75 (0.0)
olvi4* 1.0 0.976 0.5 (0.75)
cmyn4* 0.0 0.024 0.5 (0.25)
standard and adapted CIELAB
LAB*LAB 72.7 -1.92 46.37
LAB*Lab 72.7 -1.38 43.14
LAB*TC_{Ma} 50.0 43.16 91.84

relative Inform. Technology (IT)
olvi3* 0.75 0.713 0.0 (1.0)
cmyn3* 0.25 0.274 0.75 (0.0)
olvi4* 1.0 0.976 0.5 (0.75)
cmyn4* 0.0 0.024 0.5 (0.25)
standard and adapted CIELAB
LAB*LAB 72.7 -1.92 46.37
LAB*Lab 72.7 -1.38 43.14
LAB*TC_{Ma} 50.0 43.16 91.84

relative Inform. Technology (IT)
olvi3* 0.75 0.713 0.0 (1.0)
cmyn3* 0.25 0.274 0.75 (0.0)
olvi4* 1.0 0.976 0.5 (0.75)
cmyn4* 0.0 0.024 0.5 (0.25)
standard and adapted CIELAB
LAB*LAB 72.7 -1.92 46.37
LAB*Lab 72.7 -1.38 43.14
LAB*TC_{Ma} 50.0 43.16 91.84

relative Inform. Technology (IT)
olvi3* 0.75 0.713 0.0 (1.0)
cmyn3* 0.25 0.274 0.75 (0.0)
olvi4* 1.0 0.976 0.5 (0.75)
cmyn4* 0.0 0.024 0.5 (0.25)
standard and adapted CIELAB
LAB*LAB 72.7 -1.92 46.37
LAB*Lab 72.7 -1.38 43.14
LAB*TC_{Ma} 50.0 43.16 91.84

relative Inform. Technology (IT)
olvi3* 0.75 0.713 0.0 (1.0)
cmyn3* 0.25 0.274 0.75 (0.0)
olvi4* 1.0 0.976 0.5 (0.75)
cmyn4* 0.0 0.024 0.5 (0.25)
standard and adapted CIELAB
LAB*LAB 72.7 -1.92 46.37
LAB*Lab 72.7 -1.38 43.14
LAB*TC_{Ma} 50.0 43.16 91.84

TG53-7, 5 stufige Reihen für konstanten CIELAB Buntton 92/360 = 0.255 (links)

5 stufige Reihen für konstanten CIELAB Buntton 92/360 = 0.256 (rechts)

BAM-Prüfvorlage TG53; Farbmetrik-Systeme MRS18 & NCS11

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

Input: $ol^*v^*setrgbcolor$ / $w^*setgray$

