

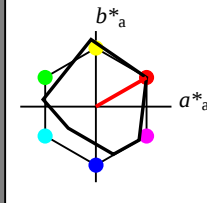
Eingabe: Farbmetrisches Reflexions-System MRS18

für Buntton $h^* = lab^*h = 30/360 = 0.083$ lab^*ch und lab^*nch

D65: Buntton R

LCH*Ma: 50 77 30

rgb*Ma: 1.0 0.0 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	59.41	-0.97	4.75	
LAB*Lab	59.41	0.0	0.0	
LAB*TCMa	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*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	
LAB*Lab	76.06	0.0	0.0	
LAB*TCMa	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*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	
LAB*Lab	56.71	0.0	0.0	
LAB*TCMa	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*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	-0.18	0.83	
LAB*Lab	37.36	0.0	0.0	
LAB*TCMa	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*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	
LAB*Lab	18.02	0.0	0.0	
LAB*TCMa	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*lab	0.0	0.0	0.0
lab*ch	0.0	0.0	0.0
lab*nch	1.0	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	83.96	15.97	13.58	
LAB*Lab	83.96	16.73	9.59	
LAB*TCMa	97.5	19.29	29.82	

relative CIELAB lab*

lab*lab	0.852	0.217	0.124
lab*ch	0.875	0.25	0.083
lab*nch	0.0	0.25	0.083

relative Natural Colour (NC)

lab*lab	0.852	0.248	0.03
lab*ch	0.875	0.25	0.019
lab*nch	0.0	0.25	0.071

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	0.5	0.5	(0.0)
LAB*LAB	64.61	16.35	12.27	
LAB*Lab	64.61	16.74	9.59	
LAB*TCMa	62.5	19.29	29.82	

relative CIELAB lab*

lab*lab	0.602	0.248	0.03
lab*ch	0.625	0.25	0.019
lab*nch	0.0	0.25	0.071

relative Natural Colour (NC)

lab*lab	0.602	0.248	0.03
lab*ch	0.625	0.25	0.019
lab*nch	0.0	0.25	0.071

relative Inform. Technology (IT)

olvi3*	0.5	0.75	0.75	(1.0)
cmyn3*	0.5	0.75	0.75	(0.0)
olvi4*	1.0	0.75	0.75	(1.0)
cmyn4*	0.0	0.75	0.75	(0.0)
LAB*LAB	45.26	16.72	10.97	
LAB*Lab	45.26	16.74	9.59	
LAB*TCMa	37.5	19.29	29.82	

relative CIELAB lab*

lab*lab	0.352	0.217	0.124
lab*ch	0.375	0.25	0.083
lab*nch	0.0	0.25	0.083

relative Natural Colour (NC)

lab*lab	0.352	0.248	0.03
lab*ch	0.375	0.25	0.019
lab*nch	0.0	0.25	0.071

relative Inform. Technology (IT)

olvi3*	0.25	1.0	1.0	(0.0)
cmyn3*	0.75	1.0	1.0	(0.0)
olvi4*	1.0	0.75	0.75	(1.0)
cmyn4*	0.0	0.25	0.25	(0.0)
LAB*LAB	25.92	17.08	9.66	
LAB*Lab	25.92	16.73	9.59	
LAB*TCMa	12.5	19.29	29.82	

relative CIELAB lab*

lab*lab	0.102	0.217	0.124
lab*ch	0.125	0.25	0.083
lab*nch	0.0	0.25	0.083

relative Natural Colour (NC)

lab*lab	0.102	0.248	0.03
lab*ch	0.125	0.25	0.019
lab*nch	0.0	0.25	0.071

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*TCMa	0.01	0.01	0.0	

 $n^* = 0.50$

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	0.5	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	72.52	32.93	22.4	
LAB*Lab	72.52	33.47	19.18	
LAB*TCMa	75.0	38.58	29.82	

relative CIELAB lab*

lab*lab	0.704	0.434	0.249
lab*ch	0.75	0.5	0.083
lab*nch	0.0	0.5	0.083

relative Natural Colour (NC)

lab*lab	0.704	0.496	0.06
lab*ch	0.75	0.5	0.019
lab*nch	0.0	0.5	0.071

relative Inform. Technology (IT)

olvi3*	0.75	0.25	0.25	(1.0)
cmyn3*	0.25	0.75	0.75	(0.0)
olvi4*	1.0	0.5	0.5	(1.0)
cmyn4*	0.0	0.5	0.5	(0.0)
LAB*LAB	53.17	33.31	21.09	
LAB*Lab	53.17	33.48	19.19	
LAB*TCMa	50.0	38.59	29.82	

relative CIELAB lab*

lab*lab	0.434	0.434	0.249
lab*ch	0.5	0.5	0.083
lab*nch	0.0	0.5	0.083

relative Natural Colour (NC)

lab*lab	0.454	0.496	0.06
lab*ch	0.5	0.5	0.019
lab*nch	0.0	0.5	0.071

relative Inform. Technology (IT)

olvi3*	0.5	0.0	0.0	(1.0)
cmyn3*	0.5	0.0	0.0	(0.0)
olvi4*	1.0	0.5	0.5	(1.0)
cmyn4*	0.0	0.5	0.5	(0.0)
LAB*LAB	33.82	33.47	19.18	
LAB*Lab	33.82	33.47	19.18	
LAB*TCMa	25.01	38.58	29.82	

relative CIELAB lab*

lab*lab	0.204	0.434	0.249
lab*ch	0.25	0.5	0.083
lab*nch	0.0	0.5	0.083

relative Natural Colour (NC)

lab*lab	0.204	0.496	0.06
lab*ch	0.25	0.5	0.019
lab*nch	0.0	0.5	0.071

relative Inform. Technology (IT)

olvi3*	0.25	0.0	0.0	(1.0)
cmyn3*	0.75	0.0	0.0	(0.0)
olvi4*	1.0	0.25	0.25	(1.0)
cmyn4*	0.0	0.25	0.25	(0.0)
LAB*LAB	18.02	0.0	0.46	
LAB*Lab	18.02	0.0	0.0	
LAB*TCMa	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*lab	0.0	0.0	0.0
lab*ch	0.0	0.0	0.0
lab*nch	1.0	0.0	0.0

 $n^* = 0.00$ $n^* = 0.25$ Schwarzheit n^* $n^* = 0.50$ $n^* = 0.75$ $n^* = 1.00$ relative Buntheit c^* $n^* = 1.0$ $n^* = 0.75$ $n^* = 0.50$ $n^* = 0.25$ $n^* = 0.00$ relative Buntheit c^* $n^* = 1.0$ $n^* = 0.75$ $n^* = 0.50$ $n^* = 0.25$ $n^* = 0.00$ relative Buntheit c^*

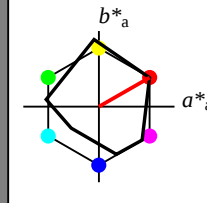
Ausgabe: Farbmetrisches Reflexions-System MRS18

für Buntton $h^* = lab^*h = 30/360 = 0.083$ lab^*ch und lab^*nch

D65: Buntton R

LCH*Ma: 50 77 30

rgb*Ma: 1.0 0.0 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	59.41	-0.97		

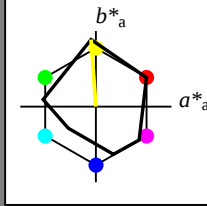
Eingabe: Farbmetrisches Reflexions-System MRS18

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^* 

relative Inform. Technology (IT)

olvi3* 1.0 1.0 1.0 (1.0)

olvi4* 1.0 1.0 1.0 (1.0)

olvi5* 1.0 1.0 1.0 (1.0)

olvi6* 1.0 1.0 1.0 (1.0)

olvi7* 1.0 1.0 1.0 (1.0)

olvi8* 1.0 1.0 1.0 (1.0)

olvi9* 1.0 1.0 1.0 (1.0)

olvi10* 1.0 1.0 1.0 (1.0)

olvi11* 1.0 1.0 1.0 (1.0)

olvi12* 1.0 1.0 1.0 (1.0)

olvi13* 1.0 1.0 1.0 (1.0)

olvi14* 1.0 1.0 1.0 (1.0)

olvi15* 1.0 1.0 1.0 (1.0)

olvi16* 1.0 1.0 1.0 (1.0)

olvi17* 1.0 1.0 1.0 (1.0)

olvi18* 1.0 1.0 1.0 (1.0)

olvi19* 1.0 1.0 1.0 (1.0)

olvi20* 1.0 1.0 1.0 (1.0)

olvi21* 1.0 1.0 1.0 (1.0)

olvi22* 1.0 1.0 1.0 (1.0)

olvi23* 1.0 1.0 1.0 (1.0)

olvi24* 1.0 1.0 1.0 (1.0)

olvi25* 1.0 1.0 1.0 (1.0)

olvi26* 1.0 1.0 1.0 (1.0)

olvi27* 1.0 1.0 1.0 (1.0)

olvi28* 1.0 1.0 1.0 (1.0)

olvi29* 1.0 1.0 1.0 (1.0)

olvi30* 1.0 1.0 1.0 (1.0)

olvi31* 1.0 1.0 1.0 (1.0)

olvi32* 1.0 1.0 1.0 (1.0)

olvi33* 1.0 1.0 1.0 (1.0)

olvi34* 1.0 1.0 1.0 (1.0)

olvi35* 1.0 1.0 1.0 (1.0)

olvi36* 1.0 1.0 1.0 (1.0)

olvi37* 1.0 1.0 1.0 (1.0)

olvi38* 1.0 1.0 1.0 (1.0)

olvi39* 1.0 1.0 1.0 (1.0)

olvi40* 1.0 1.0 1.0 (1.0)

olvi41* 1.0 1.0 1.0 (1.0)

olvi42* 1.0 1.0 1.0 (1.0)

olvi43* 1.0 1.0 1.0 (1.0)

olvi44* 1.0 1.0 1.0 (1.0)

olvi45* 1.0 1.0 1.0 (1.0)

olvi46* 1.0 1.0 1.0 (1.0)

olvi47* 1.0 1.0 1.0 (1.0)

olvi48* 1.0 1.0 1.0 (1.0)

olvi49* 1.0 1.0 1.0 (1.0)

olvi50* 1.0 1.0 1.0 (1.0)

olvi51* 1.0 1.0 1.0 (1.0)

olvi52* 1.0 1.0 1.0 (1.0)

olvi53* 1.0 1.0 1.0 (1.0)

olvi54* 1.0 1.0 1.0 (1.0)

olvi55* 1.0 1.0 1.0 (1.0)

olvi56* 1.0 1.0 1.0 (1.0)

olvi57* 1.0 1.0 1.0 (1.0)

olvi58* 1.0 1.0 1.0 (1.0)

olvi59* 1.0 1.0 1.0 (1.0)

olvi60* 1.0 1.0 1.0 (1.0)

olvi61* 1.0 1.0 1.0 (1.0)

olvi62* 1.0 1.0 1.0 (1.0)

olvi63* 1.0 1.0 1.0 (1.0)

olvi64* 1.0 1.0 1.0 (1.0)

olvi65* 1.0 1.0 1.0 (1.0)

olvi66* 1.0 1.0 1.0 (1.0)

olvi67* 1.0 1.0 1.0 (1.0)

olvi68* 1.0 1.0 1.0 (1.0)

olvi69* 1.0 1.0 1.0 (1.0)

olvi70* 1.0 1.0 1.0 (1.0)

olvi71* 1.0 1.0 1.0 (1.0)

olvi72* 1.0 1.0 1.0 (1.0)

olvi73* 1.0 1.0 1.0 (1.0)

olvi74* 1.0 1.0 1.0 (1.0)

olvi75* 1.0 1.0 1.0 (1.0)

olvi76* 1.0 1.0 1.0 (1.0)

olvi77* 1.0 1.0 1.0 (1.0)

olvi78* 1.0 1.0 1.0 (1.0)

olvi79* 1.0 1.0 1.0 (1.0)

olvi80* 1.0 1.0 1.0 (1.0)

olvi81* 1.0 1.0 1.0 (1.0)

olvi82* 1.0 1.0 1.0 (1.0)

olvi83* 1.0 1.0 1.0 (1.0)

olvi84* 1.0 1.0 1.0 (1.0)

olvi85* 1.0 1.0 1.0 (1.0)

olvi86* 1.0 1.0 1.0 (1.0)

olvi87* 1.0 1.0 1.0 (1.0)

olvi88* 1.0 1.0 1.0 (1.0)

olvi89* 1.0 1.0 1.0 (1.0)

olvi90* 1.0 1.0 1.0 (1.0)

olvi91* 1.0 1.0 1.0 (1.0)

olvi92* 1.0 1.0 1.0 (1.0)

olvi93* 1.0 1.0 1.0 (1.0)

olvi94* 1.0 1.0 1.0 (1.0)

olvi95* 1.0 1.0 1.0 (1.0)

olvi96* 1.0 1.0 1.0 (1.0)

olvi97* 1.0 1.0 1.0 (1.0)

olvi98* 1.0 1.0 1.0 (1.0)

olvi99* 1.0 1.0 1.0 (1.0)

olvi100* 1.0 1.0 1.0 (1.0)

olvi101* 1.0 1.0 1.0 (1.0)

olvi102* 1.0 1.0 1.0 (1.0)

olvi103* 1.0 1.0 1.0 (1.0)

olvi104* 1.0 1.0 1.0 (1.0)

olvi105* 1.0 1.0 1.0 (1.0)

olvi106* 1.0 1.0 1.0 (1.0)

olvi107* 1.0 1.0 1.0 (1.0)

olvi108* 1.0 1.0 1.0 (1.0)

olvi109* 1.0 1.0 1.0 (1.0)

olvi110* 1.0 1.0 1.0 (1.0)

olvi111* 1.0 1.0 1.0 (1.0)

olvi112* 1.0 1.0 1.0 (1.0)

olvi113* 1.0 1.0 1.0 (1.0)

olvi114* 1.0 1.0 1.0 (1.0)

olvi115* 1.0 1.0 1.0 (1.0)

olvi116* 1.0 1.0 1.0 (1.0)

olvi117* 1.0 1.0 1.0 (1.0)

olvi118* 1.0 1.0 1.0 (1.0)

olvi119* 1.0 1.0 1.0 (1.0)

olvi120* 1.0 1.0 1.0 (1.0)

olvi121* 1.0 1.0 1.0 (1.0)

olvi122* 1.0 1.0 1.0 (1.0)

olvi123* 1.0 1.0 1.0 (1.0)

olvi124* 1.0 1.0 1.0 (1.0)

olvi125* 1.0 1.0 1.0 (1.0)

olvi126* 1.0 1.0 1.0 (1.0)

olvi127* 1.0 1.0 1.0 (1.0)

olvi128* 1.0 1.0 1.0 (1.0)

olvi129* 1.0 1.0 1.0 (1.0)

olvi130* 1.0 1.0 1.0 (1.0)

olvi131* 1.0 1.0 1.0 (1.0)

olvi132* 1.0 1.0 1.0 (1.0)

olvi133* 1.0 1.0 1.0 (1.0)

olvi134* 1.0 1.0 1.0 (1.0)

olvi135* 1.0 1.0 1.0 (1.0)

olvi136* 1.0 1.0 1.0 (1.0)

olvi137* 1.0 1.0 1.0 (1.0)

olvi138* 1.0 1.0 1.0 (1.0)

olvi139* 1.0 1.0 1.0 (1.0)

olvi140* 1.0 1.0 1.0 (1.0)

olvi141* 1.0 1.0 1.0 (1.0)

olvi142* 1.0 1.0 1.0 (1.0)

olvi143* 1.0 1.0 1.0 (1.0)

olvi144* 1.0 1.0 1.0 (1.0)

olvi145* 1.0 1.0 1.0 (1.0)

olvi146* 1.0 1.0 1.0 (1.0)

olvi147* 1.0 1.0 1.0 (1.0)

olvi148* 1.0 1.0 1.0 (1.0)

olvi149* 1.0 1.0 1.0 (1.0)

olvi150* 1.0 1.0 1.0 (1.0)

olvi151* 1.0 1.0 1.0 (1.0)

olvi152* 1.0 1.0 1.0 (1.0)

olvi153* 1.0 1.0 1.0 (1.0)

olvi154* 1.0 1.0 1.0 (1.0)

olvi155* 1.0 1.0 1.0 (1.0)

olvi156* 1.0 1.0 1.0 (1.0)

olvi157* 1.0 1.0 1.0 (1.0)

olvi158* 1.0 1.0 1.0 (1.0)

olvi159* 1.0 1.0 1.0 (1.0)

olvi160* 1.0 1.0 1.0 (1.0)

olvi161* 1.0 1.0 1.0 (1.0)

olvi162* 1.0 1.0 1.0 (1.0)

olvi163* 1.0 1.0 1.0 (1.0)

olvi164* 1.0 1.0 1.0 (1.0)

olvi165* 1.0 1.0 1.0 (1.0)

olvi166* 1.0 1.0 1.0 (1.0)

olvi167* 1.0 1.0 1.0 (1.0)

olvi168* 1.0 1.0 1.0 (1.0)

olvi169* 1.0 1.0 1.0 (1.0)

olvi170* 1.0 1.0 1.0 (1.0)

olvi171* 1.0 1.0 1.0 (1.0)

olvi172* 1.0 1.0 1.0 (1.0)

olvi173* 1.0 1.0 1.0 (1.0)

olvi174* 1.0 1.0 1.0 (1.0)

olvi175* 1.0 1.0 1.0 (1.0)

olvi176* 1.0 1.0 1.0 (1.0)

olvi177* 1.0 1.0 1.0 (1.0)

olvi178* 1.0 1.0 1.0 (1.0)

olvi179* 1.0 1.0 1.0 (1.0)

olvi180* 1.0 1.0 1.0 (1.0)

olvi181* 1.0 1.0 1.0 (1.0)

olvi182* 1.0 1.0 1.0 (1.0)

olvi183* 1.0 1.0 1.0 (1.0)

olvi184* 1.0 1.0 1.0 (1.0)

olvi185* 1.0 1.0 1.0 (1.0)

olvi186* 1.0 1.0 1.0 (1.0)

olvi187* 1.0 1.0 1.0 (1.0)

olvi188* 1.0 1.0 1.0 (1.0)

olvi189* 1.0 1.0 1.0 (1.0)

olvi190* 1.0 1.0 1.0 (1.0)

olvi191* 1.0 1.0 1.0 (1.0)

olvi192* 1.0 1.0 1.0 (1.0)

olvi193* 1.0 1.0 1.0 (1.0)

olvi194* 1.0 1.0 1.0 (1.0)

olvi195* 1.0 1.0 1.0 (1.0)

olvi196* 1.0 1.0 1.0 (1.0)

olvi197* 1.0 1.0 1.0 (1.0)

olvi198* 1.0 1.0 1.0 (1.0)

olvi199* 1.0 1.0 1.0 (1.0)

olvi200* 1.0 1.0 1.0 (1.0)

olvi201* 1.0 1.0 1.0 (1.0)

olvi202* 1.0 1.0 1.0 (1.0)

olvi203* 1.0 1.0 1.0 (1.0)

olvi204* 1.0 1.0 1.0 (1.0)

olvi205* 1.0 1.0 1.0 (1.0)

olvi206* 1.0 1.0 1.0 (1.0)

olvi207* 1.0 1.0 1.0 (1.0)

olvi208* 1.0 1.0 1.0 (1.0)

olvi209* 1.0 1.0 1.0 (1.0)

olvi210* 1.0 1.0 1.0 (1.0)

olvi211* 1.0 1.0 1.0 (1.0)

olvi212* 1.0 1.0 1.0 (1.0)

olvi213* 1.0 1.0 1.0 (1.0)

olvi214* 1.0 1.0 1.0 (1.0)

olvi215* 1.0 1.0 1.0 (1.0)

olvi216* 1.0 1.0 1.0 (1.0)

olvi217* 1.0 1.0 1.0 (1.0)

olvi218* 1.0 1.0 1.0 (1.0)

olvi219* 1.0 1.0 1.0 (1.0)

olvi220* 1.0 1.0 1.0 (1.0)

olvi221* 1.0 1.0 1.0 (1.0)

olvi222* 1.0 1.0 1.0 (1.0)

olvi223* 1.0 1.0 1.0 (1.0)

olvi224* 1.0 1.0 1.0 (1.0)

olvi225* 1.0 1.0 1.0 (1.0)

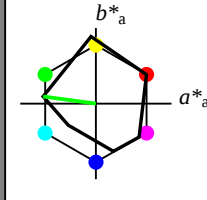
Eingabe: Farbmetrisches Reflexions-System MRS18

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)

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*TCa 99.99 0.01 0.0

relative CIELAB lab*

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

relative Inform. Technology (IT)

olvi3* 0.75 0.75 0.75 (1.0)
 cmyn3* 0.25 0.25 0.25 (0.0)
 olvi4* 1.0 1.0 1.0 (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*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*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)
 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*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)
 LAB*LAB 37.36 -0.33 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*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)
 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*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)
 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*trc 0.0 0.0 0.0
 lab*ncc 1.0 0.0 0.0

relative Inform. Technology (IT)

olvi3* 0.75 1.0 0.75 (1.0)
 cmyn3* 0.25 0.0 0.25 (0.0)
 olvi4* 0.75 1.0 0.75 (1.0)
 cmyn4* 0.25 0.0 0.25 (0.0)
 LAB*LAB 84.58 -18.19 6.39
 LAB*LAB 84.58 -17.42 2.36
 LAB*TCa 87.5 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
 standard and adapted CIELAB
 LAB*LAB 73.75 -35.42 8.02
 LAB*LAB 73.75 -34.85 4.72
 LAB*TCa 75.0 35.18 172.29

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 1.0 0.75 (1.0)
 cmyn4* 0.25 0.0 0.25 (0.0)
 LAB*LAB 65.23 -17.83 5.08
 LAB*LAB 65.23 -17.42 2.36
 LAB*TCa 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
 standard and adapted CIELAB
 LAB*LAB 54.41 -35.05 6.71
 LAB*LAB 54.41 -34.86 4.72
 LAB*TCa 50.0 35.19 172.29

relative Inform. Technology (IT)

olvi3* 0.25 0.5 0.25 (1.0)
 cmyn3* 0.75 0.5 0.75 (0.0)
 olvi4* 0.75 1.0 0.75 (1.0)
 cmyn4* 0.25 0.0 0.25 (0.0)
 LAB*LAB 45.88 -17.46 3.78
 LAB*LAB 45.88 -17.42 2.36
 LAB*TCa 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
 standard and adapted CIELAB
 LAB*LAB 35.06 -34.85 4.72
 LAB*LAB 35.06 -34.85 4.72
 LAB*TCa 25.01 35.18 172.29

relative Inform. Technology (IT)

olvi3* 0.0 0.5 0.0 (1.0)
 cmyn3* 1.0 0.5 1.0 (0.0)
 olvi4* 0.75 1.0 0.75 (1.0)
 cmyn4* 0.25 0.0 0.25 (0.0)
 LAB*LAB 26.54 -17.08 2.47
 LAB*LAB 26.54 -17.42 2.36
 LAB*TCa 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
 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 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 0.0
 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*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)
 LAB*LAB 18.02 0.0 0.0
 LAB*LAB 18.02 0.0 0.0
 LAB*TCa 0.01 0.01 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
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* 0.25 1.0 0.25 (1.0)
 cmyn3* 0.75 0.0 0.75 (0.0)
 olvi4* 0.25 1.0 0.25 (1.0)
 cmyn4* 0.75 0.0 0.75 (0.0)
 LAB*LAB 62.93 -52.64 9.65
 LAB*LAB 62.93 -52.28 7.08
 LAB*TCa 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
 standard and adapted CIELAB
 LAB*LAB 52.11 -69.86 11.28
 LAB*LAB 52.11 -69.71 9.44
 LAB*TCa 50.0 70.36 172.29

relative Inform. Technology (IT)

olvi3* 0.0 0.75 0.0 (1.0)
 cmyn3* 0.75 0.25 0.75 (0.0)
 olvi4* 0.5 1.0 0.5 (1.0)
 cmyn4* 0.5 0.0 0.5 (0.0)
 LAB*LAB 52.11 -69.86 11.28
 LAB*LAB 52.11 -69.71 9.44
 LAB*TCa 50.0 70.36 172.29

relative CIELAB lab*

lab*lab 0.33 -0.742 0.101
 lab*ch 0.375 0.75 0.479
 lab*nch 0.0 0.75 0.479
 standard and adapted CIELAB
 LAB*LAB 35.06 -34.85 4.72
 LAB*LAB 35.06 -34.85 4.72
 LAB*TCa 25.01 35.18 172.29

relative Inform. Technology (IT)

olvi3* 0.0 0.5 0.0 (1.0)
 cmyn3* 1.0 0.5 1.0 (0.0)
 olvi4* 0.75 1.0 0.75 (1.0)
 cmyn4* 0.25 0.0 0.25 (0.0)
 LAB*LAB 26.54 -17.08 2.47
 LAB*LAB 26.54 -17.42 2.36
 LAB*TCa 12.5 17.59 172.29

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
 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 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 0.0
 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*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)
 LAB*LAB 18.02 0.0 0.0
 LAB*LAB 18.02 0.0 0.0
 LAB*TCa 0.01 0.01 0.0

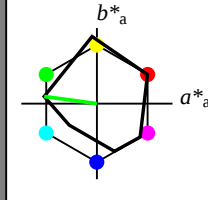
Ausgabe: Farbmetrisches Reflexions-System MRS18

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)

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*TCa 99.99 0.01 0.0

relative CIELAB lab*

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

relative Inform. Technology (IT)

olvi3* 0.75 0.75 0.75 (1.0)
 cmyn3* 0.25 0.0 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*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*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)
 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*trc 0.5 0.0 0.0
 lab*ncc 0.0 0.0 0.0

relative Inform. Technology (IT)

olvi3* 0.25 0.5 0.25 (1.0)
 cmyn3* 0.75 0.5 0.75 (0.0)
 olvi4* 0.75 1.0 0.75 (1.0)
 cmyn4* 0.25 0.0 0.25 (0.0)
 LAB*LAB 45.88 -17.46 3.78
 LAB*LAB 45.88 -17.42 2.36
 LAB*TCa 37.5 17.59 172.29

relative CIELAB lab*

lab*lab 0.36 -0.247 -0.028
 lab*ch 0.375 0.25 0.518
 lab*nch 0.0 0.25 0.518
 standard and adapted CIELAB
 LAB*LAB 35.06 -34.85 4.72
 LAB*LAB 35.06 -34.85 4.72
 LAB*TCa 25.01 35.18 172.29

relative Inform. Technology (IT)

olvi3* 0.0 0.5 0.0 (1.0)
 cmyn3* 0.75 0.25 0.75 (0.0)
 olvi4* 0.75 1.0 0.75 (1.0)
 cmyn4* 0.25 0.0 0.25 (0.0)
 LAB*LAB 37.36 -0.33 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*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)
 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*trc 0.0 0.0 0.0
 lab*ncc 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
G50B _{Ma}	45.03	-36.57	-28.47	46.36	218
B _{Ma}	36.65	23.19	-63.05	67.18	290</

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

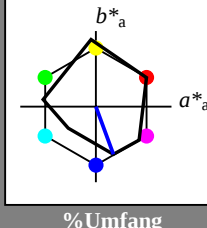
Eingabe: Farbmetrisches Reflexions-System MRS18

für Buntton $h^* = lab^*h = 290/360 = 0.806$ lab^*ch und lab^*nch

D65: Buntton B

LCH*Ma: 37 67 290

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)
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)	1.0	0.0	0.0	
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)
LAB*LAB	76.06	-0.6	3.44	
LAB*LABa	76.06	0.0	0.0	
LAB*TCHa	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)	0.75	0.0	0.0	
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)
LAB*LAB	56.71	-0.23	2.14	
LAB*LABa	56.71	0.0	0.0	
LAB*TCHa	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)	0.5	0.0	0.0	
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)
LAB*LAB	37.36	0.0	0.63	
LAB*LABa	37.36	0.0	0.0	
LAB*TCHa	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)	0.25	0.0	0.0	
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)
LAB*LAB	18.02	0.0	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)	0.0	0.0	0.0	
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)

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	80.72	5.1	-11.98	
LAB*LABa	80.72	5.79	-15.75	
LAB*TCHa	87.5	16.79	290.19	

relative CIELAB lab*

lab*lab	0.81	0.086	-0.234	
lab*ch	0.875	0.25	0.806	
lab*nch	0.0	0.25	0.806	
relative Natural Colour (NC)	0.81	0.086	-0.24	
lab*trj	0.81	0.086	-0.24	
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	(1.0)
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)
LAB*LAB	61.37	5.47	-13.29	
LAB*LABa	61.37	5.8	-15.75	
LAB*TCHa	62.5	16.8	290.19	

relative CIELAB lab*

lab*lab	0.5	0.086	-0.234	
lab*ch	0.625	0.25	0.806	
lab*nch	0.0	0.25	0.806	
relative Natural Colour (NC)	0.5	0.086	-0.241	
lab*trj	0.5	0.086	-0.241	
lab*trc	0.625	0.25	0.791	
lab*ncc	0.0	0.25	0.791	

relative Inform. Technology (IT)

olvi3*	0.25	0.25	0.25	(1.0)
cmyn3*	0.75	0.75	0.75	(0.0)
olvi4*	0.75	0.75	0.75	(1.0)
cmyn4*	0.0	0.0	0.0	(0.0)
LAB*LAB	42.02	5.84	-14.6	
LAB*LABa	42.02	5.8	-15.75	
LAB*TCHa	37.5	16.8	290.19	

relative CIELAB lab*

lab*lab	0.31	0.086	-0.234	
lab*ch	0.375	0.25	0.806	
lab*nch	0.0	0.25	0.806	
relative Natural Colour (NC)	0.31	0.086	-0.241	
lab*trj	0.31	0.086	-0.241	
lab*trc	0.375	0.25	0.791	
lab*ncc	0.0	0.25	0.791	

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	22.67	11.92	-31.35	
LAB*LABa	22.67	11.92	-31.35	
LAB*TCHa	12.5	16.79	290.19	

relative CIELAB lab*

lab*lab	0.06	0.086	-0.234	
lab*ch	0.125	0.25	0.806	
lab*nch	0.0	0.25	0.806	
relative Natural Colour (NC)	0.06	0.086	-0.24	
lab*trj	0.06	0.086	-0.24	
lab*trc	0.125	0.25	0.791	
lab*ncc	0.0	0.25	0.791	

$n^* = 0.50$

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)
LAB*LAB	66.03	11.29	-28.74	
LAB*LABa	66.03	11.29	-31.51	
LAB*TCHa	75.0	33.59	290.19	

relative CIELAB lab*

lab*lab	0.62	0.173	-0.468	
lab*ch	0.75	0.5	0.806	
lab*nch	0.0	0.5	0.806	
relative Natural Colour (NC)	0.62	0.173	-0.482	
lab*trj	0.62	0.173	-0.482	
lab*trc	0.75	0.5	0.791	
lab*ncc	0.0	0.5	0.791	

relative Inform. Technology (IT)

olvi3*	0.0	0.0	0.0	(1.0)
cmyn3*	0.75	0.75	0.75	(0.0)
olvi4*	0.5	0.5	0.5	(1.0)
cmyn4*	0.0	0.0	0.0	(0.0)
LAB*LAB	46.68	11.39	-30.05	
LAB*LABa	46.68	11.39	-31.52	
LAB*TCHa	50.0	33.59	290.19	

relative CIELAB lab*

lab*lab	0.37	0.173	-0.468	
lab*ch	0.5	0.5	0.806	
lab*nch	0.0	0.5	0.806	
relative Natural Colour (NC)	0.37	0.173	-0.482	
lab*trj	0.37	0.173	-0.482	
lab*trc	0.5	0.5	0.791	
lab*ncc	0.0	0.5	0.791	

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	(1.0)
cmyn4*	0.0	0.0	0.0	(0.0)
LAB*LAB	27.34	11.39	-31.51	
LAB*LABa	27.34	11.39	-31.51	
LAB*TCHa	25.01	33.59	290.19	

relative CIELAB lab*

lab*lab	0.12	0.173	-0.468	
lab*ch	0.25	0.5	0.806	
lab*nch	0.0	0.5	0.806	
relative Natural Colour (NC)	0.12	0.173	-0.482	
lab*trj	0.12	0.173	-0.482	
lab*trc	0.25	0.5	0.791	
lab*ncc	0.0	0.5	0.791	

$n^* = 0.25$

relative Inform. Technology (IT)

olvi3*	0.25	0.25	0.25	(1.0)
cmyn3*	0.75	0.75	0.75	(0.0)
olvi4*	0.25	0.25	0.25	(1.0)
cmyn4*	0.0	0.0	0.0	(0.0)
LAB*LAB	51.34	17.25	-45.49	
LAB*LABa	51.34	17.25	-47.28	
LAB*TCHa	62.5	50.38	290.19	

relative CIELAB lab*

lab*lab	0.431	0.259	-0.703	
lab*ch	0.625	0.75	0.806	
lab*nch	0.0	0.75	0.806	
relative Natural Colour (NC)	0.431	0.259	-0.724	
lab*trj	0.431	0.259	-0.724	
lab*trc	0.625	0.75	0.791	
lab*ncc	0.0	0.75	0.791	

relative Inform. Technology (IT)

olvi3*	0.0	0.0	0.0	(1.0)
cmyn3*	0.75	0.75	0.75	(0.0)
olvi4*	0.25	0.25	0.25	(1.0)
cmyn4*	0.0	0.0	0.0	(0.0)
LAB*LAB	36.65	23.18	-63.03	
LAB*LABa	36.65	23.18	-63.03	
LAB*TCHa	50.0	67.17	290.19	

relative CIELAB lab*

lab*lab	0.241	0.345	-0.937	
lab*ch	0.5	1.0	0.806	
lab*nch	0.0	1.0	0.806	
relative Natural Colour (NC)	0.241	0.345	-0.965	
lab*trj	0.241	0.345	-0.965	
lab*trc	0.5	1.0	0.791	
lab*ncc	0.0	1.0	0.791	

$n^* = 0.00$

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)

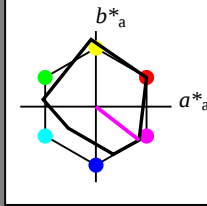
Eingabe: Farbmetrisches Reflexions-System MRS18

für Buntton $h^* = lab^*h = 322/360 = 0.895$ lab^*tch und lab^*nch

D65: Buntton B50R

LCH*Ma: 35 72 322

rgb*Ma: 1.0 0.0 1.0

Dreiecks-Helligkeit t^* 

relative Inform. Technology (IT)

olvi3* 1.0 1.0 1.0 (1.0)

olvi4* 1.0 1.0 1.0 (1.0)

olvi5* 1.0 1.0 1.0 (1.0)

olvi6* 1.0 1.0 1.0 (1.0)

olvi7* 1.0 1.0 1.0 (1.0)

olvi8* 1.0 1.0 1.0 (1.0)

olvi9* 1.0 1.0 1.0 (1.0)

olvi10* 1.0 1.0 1.0 (1.0)

olvi11* 1.0 1.0 1.0 (1.0)

olvi12* 1.0 1.0 1.0 (1.0)

olvi13* 1.0 1.0 1.0 (1.0)

olvi14* 1.0 1.0 1.0 (1.0)

olvi15* 1.0 1.0 1.0 (1.0)

olvi16* 1.0 1.0 1.0 (1.0)

olvi17* 1.0 1.0 1.0 (1.0)

olvi18* 1.0 1.0 1.0 (1.0)

olvi19* 1.0 1.0 1.0 (1.0)

olvi20* 1.0 1.0 1.0 (1.0)

olvi21* 1.0 1.0 1.0 (1.0)

olvi22* 1.0 1.0 1.0 (1.0)

olvi23* 1.0 1.0 1.0 (1.0)

olvi24* 1.0 1.0 1.0 (1.0)

olvi25* 1.0 1.0 1.0 (1.0)

olvi26* 1.0 1.0 1.0 (1.0)

olvi27* 1.0 1.0 1.0 (1.0)

olvi28* 1.0 1.0 1.0 (1.0)

olvi29* 1.0 1.0 1.0 (1.0)

olvi30* 1.0 1.0 1.0 (1.0)

olvi31* 1.0 1.0 1.0 (1.0)

olvi32* 1.0 1.0 1.0 (1.0)

olvi33* 1.0 1.0 1.0 (1.0)

olvi34* 1.0 1.0 1.0 (1.0)

olvi35* 1.0 1.0 1.0 (1.0)

olvi36* 1.0 1.0 1.0 (1.0)

olvi37* 1.0 1.0 1.0 (1.0)

olvi38* 1.0 1.0 1.0 (1.0)

olvi39* 1.0 1.0 1.0 (1.0)

olvi40* 1.0 1.0 1.0 (1.0)

olvi41* 1.0 1.0 1.0 (1.0)

olvi42* 1.0 1.0 1.0 (1.0)

olvi43* 1.0 1.0 1.0 (1.0)

olvi44* 1.0 1.0 1.0 (1.0)

olvi45* 1.0 1.0 1.0 (1.0)

olvi46* 1.0 1.0 1.0 (1.0)

olvi47* 1.0 1.0 1.0 (1.0)

olvi48* 1.0 1.0 1.0 (1.0)

olvi49* 1.0 1.0 1.0 (1.0)

olvi50* 1.0 1.0 1.0 (1.0)

olvi51* 1.0 1.0 1.0 (1.0)

olvi52* 1.0 1.0 1.0 (1.0)

olvi53* 1.0 1.0 1.0 (1.0)

olvi54* 1.0 1.0 1.0 (1.0)

olvi55* 1.0 1.0 1.0 (1.0)

olvi56* 1.0 1.0 1.0 (1.0)

olvi57* 1.0 1.0 1.0 (1.0)

olvi58* 1.0 1.0 1.0 (1.0)

olvi59* 1.0 1.0 1.0 (1.0)

olvi60* 1.0 1.0 1.0 (1.0)

olvi61* 1.0 1.0 1.0 (1.0)

olvi62* 1.0 1.0 1.0 (1.0)

olvi63* 1.0 1.0 1.0 (1.0)

olvi64* 1.0 1.0 1.0 (1.0)

olvi65* 1.0 1.0 1.0 (1.0)

olvi66* 1.0 1.0 1.0 (1.0)

olvi67* 1.0 1.0 1.0 (1.0)

olvi68* 1.0 1.0 1.0 (1.0)

olvi69* 1.0 1.0 1.0 (1.0)

olvi70* 1.0 1.0 1.0 (1.0)

olvi71* 1.0 1.0 1.0 (1.0)

olvi72* 1.0 1.0 1.0 (1.0)

olvi73* 1.0 1.0 1.0 (1.0)

olvi74* 1.0 1.0 1.0 (1.0)

olvi75* 1.0 1.0 1.0 (1.0)

olvi76* 1.0 1.0 1.0 (1.0)

olvi77* 1.0 1.0 1.0 (1.0)

olvi78* 1.0 1.0 1.0 (1.0)

olvi79* 1.0 1.0 1.0 (1.0)

olvi80* 1.0 1.0 1.0 (1.0)

olvi81* 1.0 1.0 1.0 (1.0)

olvi82* 1.0 1.0 1.0 (1.0)

olvi83* 1.0 1.0 1.0 (1.0)

olvi84* 1.0 1.0 1.0 (1.0)

olvi85* 1.0 1.0 1.0 (1.0)

olvi86* 1.0 1.0 1.0 (1.0)

olvi87* 1.0 1.0 1.0 (1.0)

olvi88* 1.0 1.0 1.0 (1.0)

olvi89* 1.0 1.0 1.0 (1.0)

olvi90* 1.0 1.0 1.0 (1.0)

olvi91* 1.0 1.0 1.0 (1.0)

olvi92* 1.0 1.0 1.0 (1.0)

olvi93* 1.0 1.0 1.0 (1.0)

olvi94* 1.0 1.0 1.0 (1.0)

olvi95* 1.0 1.0 1.0 (1.0)

olvi96* 1.0 1.0 1.0 (1.0)

olvi97* 1.0 1.0 1.0 (1.0)

olvi98* 1.0 1.0 1.0 (1.0)

olvi99* 1.0 1.0 1.0 (1.0)

olvi100* 1.0 1.0 1.0 (1.0)

olvi101* 1.0 1.0 1.0 (1.0)

olvi102* 1.0 1.0 1.0 (1.0)

olvi103* 1.0 1.0 1.0 (1.0)

olvi104* 1.0 1.0 1.0 (1.0)

olvi105* 1.0 1.0 1.0 (1.0)

olvi106* 1.0 1.0 1.0 (1.0)

olvi107* 1.0 1.0 1.0 (1.0)

olvi108* 1.0 1.0 1.0 (1.0)

olvi109* 1.0 1.0 1.0 (1.0)

olvi110* 1.0 1.0 1.0 (1.0)

olvi111* 1.0 1.0 1.0 (1.0)

olvi112* 1.0 1.0 1.0 (1.0)

olvi113* 1.0 1.0 1.0 (1.0)

olvi114* 1.0 1.0 1.0 (1.0)

olvi115* 1.0 1.0 1.0 (1.0)

olvi116* 1.0 1.0 1.0 (1.0)

olvi117* 1.0 1.0 1.0 (1.0)

olvi118* 1.0 1.0 1.0 (1.0)

olvi119* 1.0 1.0 1.0 (1.0)

olvi120* 1.0 1.0 1.0 (1.0)

olvi121* 1.0 1.0 1.0 (1.0)

olvi122* 1.0 1.0 1.0 (1.0)

olvi123* 1.0 1.0 1.0 (1.0)

olvi124* 1.0 1.0 1.0 (1.0)

olvi125* 1.0 1.0 1.0 (1.0)

olvi126* 1.0 1.0 1.0 (1.0)

olvi127* 1.0 1.0 1.0 (1.0)

olvi128* 1.0 1.0 1.0 (1.0)

olvi129* 1.0 1.0 1.0 (1.0)

olvi130* 1.0 1.0 1.0 (1.0)

olvi131* 1.0 1.0 1.0 (1.0)

olvi132* 1.0 1.0 1.0 (1.0)

olvi133* 1.0 1.0 1.0 (1.0)

olvi134* 1.0 1.0 1.0 (1.0)

olvi135* 1.0 1.0 1.0 (1.0)

olvi136* 1.0 1.0 1.0 (1.0)

olvi137* 1.0 1.0 1.0 (1.0)

olvi138* 1.0 1.0 1.0 (1.0)

olvi139* 1.0 1.0 1.0 (1.0)

olvi140* 1.0 1.0 1.0 (1.0)

olvi141* 1.0 1.0 1.0 (1.0)

olvi142* 1.0 1.0 1.0 (1.0)

olvi143* 1.0 1.0 1.0 (1.0)

olvi144* 1.0 1.0 1.0 (1.0)

olvi145* 1.0 1.0 1.0 (1.0)

olvi146* 1.0 1.0 1.0 (1.0)

olvi147* 1.0 1.0 1.0 (1.0)

olvi148* 1.0 1.0 1.0 (1.0)

olvi149* 1.0 1.0 1.0 (1.0)

olvi150* 1.0 1.0 1.0 (1.0)

olvi151* 1.0 1.0 1.0 (1.0)

olvi152* 1.0 1.0 1.0 (1.0)

olvi153* 1.0 1.0 1.0 (1.0)

olvi154* 1.0 1.0 1.0 (1.0)

olvi155* 1.0 1.0 1.0 (1.0)

olvi156* 1.0 1.0 1.0 (1.0)

olvi157* 1.0 1.0 1.0 (1.0)

olvi158* 1.0 1.0 1.0 (1.0)

olvi159* 1.0 1.0 1.0 (1.0)

olvi160* 1.0 1.0 1.0 (1.0)

olvi161* 1.0 1.0 1.0 (1.0)

olvi162* 1.0 1.0 1.0 (1.0)

olvi163* 1.0 1.0 1.0 (1.0)

olvi164* 1.0 1.0 1.0 (1.0)

olvi165* 1.0 1.0 1.0 (1.0)

olvi166* 1.0 1.0 1.0 (1.0)

olvi167* 1.0 1.0 1.0 (1.0)

olvi168* 1.0 1.0 1.0 (1.0)

olvi169* 1.0 1.0 1.0 (1.0)

olvi170* 1.0 1.0 1.0 (1.0)

olvi171* 1.0 1.0 1.0 (1.0)

olvi172* 1.0 1.0 1.0 (1.0)

olvi173* 1.0 1.0 1.0 (1.0)

olvi174* 1.0 1.0 1.0 (1.0)

olvi175* 1.0 1.0 1.0 (1.0)

olvi176* 1.0 1.0 1.0 (1.0)

olvi177* 1.0 1.0 1.0 (1.0)

olvi178* 1.0 1.0 1.0 (1.0)

olvi179* 1.0 1.0 1.0 (1.0)

olvi180* 1.0 1.0 1.0 (1.0)

olvi181* 1.0 1.0 1.0 (1.0)

olvi182* 1.0 1.0 1.0 (1.0)

olvi183* 1.0 1.0 1.0 (1.0)

olvi184* 1.0 1.0 1.0 (1.0)

olvi185* 1.0 1.0 1.0 (1.0)

olvi186* 1.0 1.0 1.0 (1.0)

olvi187* 1.0 1.0 1.0 (1.0)

olvi188* 1.0 1.0 1.0 (1.0)

olvi189* 1.0 1.0 1.0 (1.0)

olvi190* 1.0 1.0 1.0 (1.0)

olvi191* 1.0 1.0 1.0 (1.0)

olvi192* 1.0 1.0 1.0 (1.0)

olvi193* 1.0 1.0 1.0 (1.0)

olvi194* 1.0 1.0 1.0 (1.0)

olvi195* 1.0 1.0 1.0 (1.0)

olvi196* 1.0 1.0 1.0 (1.0)

olvi197* 1.0 1.0 1.0 (1.0)

olvi198* 1.0 1.0 1.0 (1.0)

olvi199* 1.0 1.0 1.0 (1.0)

olvi200* 1.0 1.0 1.0 (1.0)

olvi201* 1.0 1.0 1.0 (1.0)

olvi202* 1.0 1.0 1.0 (1.0)

olvi203* 1.0 1.0 1.0 (1.0)

olvi204* 1.0 1.0 1.0 (1.0)

olvi205* 1.0 1.0 1.0 (1.0)

olvi206* 1.0 1.0 1.0 (1.0)

olvi207* 1.0 1.0 1.0 (1.0)

olvi208* 1.0 1.0 1.0 (1.0)

olvi209* 1.0 1.0 1.0 (1.0)

olvi210* 1.0 1.0 1.0 (1.0)

olvi211* 1.0 1.0 1.0 (1.0)

olvi212* 1.0 1.0 1.0 (1.0)

olvi213* 1.0 1.0 1.0 (1.0)

olvi214* 1.0 1.0 1.0 (1.0)

olvi215* 1.0 1.0 1.0 (1.0)

olvi216* 1.0 1.0 1.0 (1.0)

olvi217* 1.0 1.0 1.0 (1.0)

olvi218* 1.0 1.0 1.0 (1.0)

olvi219* 1.0 1.0 1.0 (1.0)

olvi220* 1.0 1.0 1.0 (1.0)

olvi221* 1.0 1.0 1.0 (1.0)

olvi222* 1.0 1.0 1.0 (1.0)

olvi223* 1.0 1.0 1.0 (1.0)

olvi224* 1.0 1.0 1.0 (1.0)

olvi225* 1.0 1.0 1.0 (1.0)

olvi226* 1.0 1.0 1.0 (1.0)

olvi227* 1.0 1.0 1.0 (1.0)

olvi228* 1.0 1.0 1.0 (1.0)

olvi229* 1.0 1.0 1.0 (1.0)

olvi230* 1.0 1.0 1.0 (

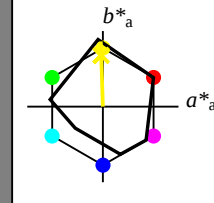
Eingabe: Farbmetrisches Reflexions-System MRS18

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^* 

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*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
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)
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
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*	0.25	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	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	0.25	0.0	0.0
lab*ch	0.25	0.0	0.0
lab*nch	0.0	0.0	0.0
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*	0.75	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	37.36	-0.38	0.63	
LAB*Lab	37.36	0.0	0.0	
LAB*TCa	25.00	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*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*	0.0	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*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
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 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 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 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 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 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*	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*TCa	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*trj	0.978	0.0	0.25
lab*trc	0.875	0.25	0.255
lab*ncc	0.0	0.25	0.255

relative Inform. Technology (IT)

olvi3*	0.75	0.738	0.5	(1.0)
cmyn3*	0.25	0.262	0.5	(0.0)
olvi4*	1.0	0.988	0.75	(1.0)
cmyn4*	0.0	0.012	0.25	(0.0)
LAB*LAB	74.38	-1.26	24.91	
LAB*Lab	74.38	-0.68	21.57	
LAB*TCa	62.5	21.58	91.84	

relative CIELAB lab*

lab*lab	0.728	-0.007	0.25
lab*ch	0.625	0.25	0.255
lab*nch	0.0	0.25	0.255
lab*trj	0.728	0.0	0.25
lab*trc	0.625	0.25	0.255
lab*ncc	0.0	0.25	0.255

relative Inform. Technology (IT)

olvi3*	0.25	0.512	0.75	(1.0)
cmyn3*	0.75	0.988	0.75	(0.0)
olvi4*	1.0	1.0	1.0	(1.0)
cmyn4*	0.0	0.012	0.25	(0.0)
LAB*LAB	55.03	-0.89	3.16	
LAB*Lab	55.03	0.0	0.0	
LAB*TCa	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*trj	0.478	0.0	0.25
lab*trc	0.375	0.25	0.255
lab*ncc	0.0	0.25	0.255

relative Inform. Technology (IT)

olvi3*	0.25	0.524	1.0	(1.0)
cmyn3*	0.75	0.988	0.75	(0.0)
olvi4*	1.0	1.0	1.0	(1.0)
cmyn4*	0.0	0.012	0.25	(0.0)
LAB*LAB	33.58	-1.52	22.29	
LAB*Lab	33.58	-0.68	21.56	
LAB*TCa	12.5	21.57	91.84	

relative CIELAB lab*

lab*lab	0.228	-0.007	0.25
lab*ch	0.125	0.25	0.255
lab*nch	0.0	0.25	0.255
lab*trj	0.228	0.0	0.25
lab*trc	0.125	0.25	0.255
lab*ncc	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*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
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 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 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 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

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	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	92.04	-2.3	47.67	
LAB*Lab	92.04	-1.39	43.14	
LAB*TCa	75.0	43.16	91.85	

relative CIELAB lab*

lab*lab	0.957	-0.015	0.5
lab*ch	0.75	0.5	0.255
lab*nch	0.0	0.5	0.255
lab*trj	0.957	0.0	0.5
lab*trc	0.75	0.5	0.255
lab*ncc	0.0	0.5	0.255

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	0.963	0.25	(1.0)
cmyn4*	0.0	0.024	0.5	(0.0)
LAB*LAB	72.7	-1.92	46.37	
LAB*Lab	72.7	-1.38	43.14	
LAB*TCa	50.0	43.16	91.84	

relative CIELAB lab*

lab*lab	0.707	-0.015	0.5
lab*ch	0.5	0.5	0.255
lab*nch	0.0	0.5	0.255
lab*trj	0.707	0.0	0.5
lab*trc	0.5	0.5	0.255
lab*ncc	0.0	0.5	0.255

relative Inform. Technology (IT)

olvi3*	0.25	0.476	0.0	(1.0)
cmyn3*	0.75	0.988	0.75	(0.0)
olvi4*	1.0	1.0	1.0	(1.0)
cmyn4*	0.0	0.012	0.25	(0.0)
LAB*LAB	33.58	-1.52	22.29	
LAB*Lab	33.58	-0.68	21.56	
LAB*TCa	12.5	21.57	91.84	

relative CIELAB lab*

lab*lab	0.457	-0.015	0.5
lab*ch	0.25	0.5	0.255
lab*nch	0.0	0.5	0.255
lab*trj	0.457	0.0	0.5
lab*trc	0.25	0.5	0.255
lab*ncc	0.0	0.5	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*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
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 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 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</	

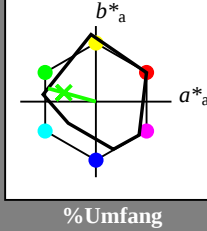
Eingabe: Farbmetrisches Reflexions-System MRS18

für Buntton $h^* = lab^*h = 164/360 = 0.457$ lab^*ch und lab^*nch

D65: Buntton G

LCH*Ma: 56 66 164

rgb*Ma: 0.1 1.0 0.0

Dreiecks-Helligkeit t^* 

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)

standard and adapted CIELAB

LAB*LAB 56.71 -0.23 2.14

LAB*LABa 56.71 -0.23 2.14

LAB*LABb 56.71 -0.23 2.14

LAB*LABc 56.71 -0.23 2.14

LAB*LABd 56.71 -0.23 2.14

LAB*LABe 56.71 -0.23 2.14

LAB*LABf 56.71 -0.23 2.14

LAB*LABg 56.71 -0.23 2.14

LAB*LABh 56.71 -0.23 2.14

LAB*LABi 56.71 -0.23 2.14

LAB*LABj 56.71 -0.23 2.14

LAB*LABk 56.71 -0.23 2.14

LAB*LABl 56.71 -0.23 2.14

LAB*LABm 56.71 -0.23 2.14

LAB*LABn 56.71 -0.23 2.14

LAB*LABo 56.71 -0.23 2.14

LAB*LABp 56.71 -0.23 2.14

LAB*LABq 56.71 -0.23 2.14

LAB*LABr 56.71 -0.23 2.14

LAB*LABs 56.71 -0.23 2.14

LAB*LABt 56.71 -0.23 2.14

LAB*LABu 56.71 -0.23 2.14

LAB*LABv 56.71 -0.23 2.14

LAB*LABw 56.71 -0.23 2.14

LAB*LABx 56.71 -0.23 2.14

LAB*LABy 56.71 -0.23 2.14

LAB*LABz 56.71 -0.23 2.14

LAB*LABaa 56.71 -0.23 2.14

LAB*LABab 56.71 -0.23 2.14

LAB*LABac 56.71 -0.23 2.14

LAB*LABad 56.71 -0.23 2.14

LAB*LABae 56.71 -0.23 2.14

LAB*LABaf 56.71 -0.23 2.14

LAB*LABag 56.71 -0.23 2.14

LAB*LABah 56.71 -0.23 2.14

LAB*LABai 56.71 -0.23 2.14

LAB*LABaj 56.71 -0.23 2.14

LAB*LABak 56.71 -0.23 2.14

LAB*LABal 56.71 -0.23 2.14

LAB*LABam 56.71 -0.23 2.14

LAB*LABan 56.71 -0.23 2.14

LAB*LABao 56.71 -0.23 2.14

LAB*LABap 56.71 -0.23 2.14

LAB*LABaq 56.71 -0.23 2.14

LAB*LABar 56.71 -0.23 2.14

LAB*LABas 56.71 -0.23 2.14

LAB*LABat 56.71 -0.23 2.14

LAB*LABau 56.71 -0.23 2.14

LAB*LABav 56.71 -0.23 2.14

LAB*LABaw 56.71 -0.23 2.14

LAB*LABax 56.71 -0.23 2.14

LAB*LABay 56.71 -0.23 2.14

LAB*LABaz 56.71 -0.23 2.14

LAB*LABba 56.71 -0.23 2.14

LAB*LABbb 56.71 -0.23 2.14

LAB*LABbc 56.71 -0.23 2.14

LAB*LABbd 56.71 -0.23 2.14

LAB*LABbe 56.71 -0.23 2.14

LAB*LABbf 56.71 -0.23 2.14

LAB*LABbg 56.71 -0.23 2.14

LAB*LABbh 56.71 -0.23 2.14

LAB*LABbi 56.71 -0.23 2.14

LAB*LABbj 56.71 -0.23 2.14

LAB*LABbk 56.71 -0.23 2.14

LAB*LABbl 56.71 -0.23 2.14

LAB*LABbm 56.71 -0.23 2.14

LAB*LABbn 56.71 -0.23 2.14

LAB*LABbo 56.71 -0.23 2.14

LAB*LABbp 56.71 -0.23 2.14

LAB*LABbq 56.71 -0.23 2.14

LAB*LABbr 56.71 -0.23 2.14

LAB*LABbs 56.71 -0.23 2.14

LAB*LABbt 56.71 -0.23 2.14

LAB*LABbu 56.71 -0.23 2.14

LAB*LABbv 56.71 -0.23 2.14

LAB*LABbw 56.71 -0.23 2.14

LAB*LABbx 56.71 -0.23 2.14

LAB*LABby 56.71 -0.23 2.14

LAB*LABbz 56.71 -0.23 2.14

LAB*LABca 56.71 -0.23 2.14

LAB*LABcb 56.71 -0.23 2.14

LAB*LABcc 56.71 -0.23 2.14

LAB*LABcd 56.71 -0.23 2.14

LAB*LABce 56.71 -0.23 2.14

LAB*LABcf 56.71 -0.23 2.14

LAB*LABcg 56.71 -0.23 2.14

LAB*LABch 56.71 -0.23 2.14

LAB*LABci 56.71 -0.23 2.14

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