

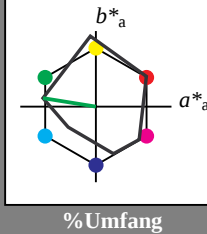
Eingabe: Farbmetrisches Reflexions-System MRS18a

für Buntton $h^* = lab^*h = 171/360 = 0.475$ lab^*ch und lab^*nch

D65: Buntton G

LCH*Ma: 52 71 171

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	0.01	0.0	
LAB*LABa	95.41	0.01	0.0	
LAB*LABb	99.99	0.01	0.0	

standard and adapted CIELAB

LAB*LAB	95.41	0.01	0.0	
LAB*LABa	95.41	0.01	0.0	
LAB*LABb	99.99	0.01	0.0	

relative CIELAB lab*

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

relative Natural Colour (NC)

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

standard and adapted CIELAB

LAB*LAB	95.41	0.01	0.0	
LAB*LABa	95.41	0.01	0.0	
LAB*LABb	99.99	0.01	0.0	

relative CIELAB lab*

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

relative Natural Colour (NC)

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

standard and adapted CIELAB

LAB*LAB	95.41	0.01	0.0	
LAB*LABa	95.41	0.01	0.0	
LAB*LABb	99.99	0.01	0.0	

relative CIELAB lab*

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

relative Natural Colour (NC)

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

standard and adapted CIELAB

LAB*LAB	95.41	0.01	0.0	
LAB*LABa	95.41	0.01	0.0	
LAB*LABb	99.99	0.01	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*	0.75	0.75	0.75	(1.0)
cmyn4*	0.25	0.25	0.25	(0.0)
LAB*LAB	84.58	-17.45	2.82	
LAB*LABa	84.58	-17.45	2.82	
LAB*LABb	97.5	17.96	150.91	

standard and adapted CIELAB

LAB*LAB	84.58	-17.45	2.82	
LAB*LABa	84.58	-17.45	2.82	
LAB*LABb	97.5	17.96	150.91	

relative CIELAB lab*

lab*lab	0.86	-0.246	0.04	
lab*lab	0.86	-0.246	0.04	
lab*lab	0.86	-0.246	0.04	
lab*lab	0.86	-0.246	0.04	
lab*lab	0.86	-0.246	0.04	

relative Natural Colour (NC)

lab*lab	0.86	-0.246	0.04	
lab*lab	0.86	-0.246	0.04	
lab*lab	0.86	-0.246	0.04	
lab*lab	0.86	-0.246	0.04	
lab*lab	0.86	-0.246	0.04	

standard and adapted CIELAB

LAB*LAB	84.58	-17.45	2.82	
LAB*LABa	84.58	-17.45	2.82	
LAB*LABb	97.5	17.96	150.91	

relative CIELAB lab*

lab*lab	0.86	-0.246	0.04	
lab*lab	0.86	-0.246	0.04	
lab*lab	0.86	-0.246	0.04	
lab*lab	0.86	-0.246	0.04	
lab*lab	0.86	-0.246	0.04	

relative Natural Colour (NC)

lab*lab	0.86	-0.246	0.04	
lab*lab	0.86	-0.246	0.04	
lab*lab	0.86	-0.246	0.04	
lab*lab	0.86	-0.246	0.04	
lab*lab	0.86	-0.246	0.04	

standard and adapted CIELAB

LAB*LAB	84.58	-17.45	2.82	
LAB*LABa	84.58	-17.45	2.82	
LAB*LABb	97.5	17.96	150.91	

relative CIELAB lab*

lab*lab	0.86	-0.246	0.04	
lab*lab	0.86	-0.246	0.04	
lab*lab	0.86	-0.246	0.04	
lab*lab	0.86	-0.246	0.04	
lab*lab	0.86	-0.246	0.04	

relative Natural Colour (NC)

lab*lab	0.86	-0.246	0.04	
lab*lab	0.86	-0.246	0.04	
lab*lab	0.86	-0.246	0.04	
lab*lab	0.86	-0.246	0.04	
lab*lab	0.86	-0.246	0.04	

MRS18a; adaptierte CIELAB-Daten

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

%Regularität

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

relative Inform. Technology (IT)

olvi3*	0.5	1.0	0.5	(1.0)
cmyn3*	0.5	0.5	0.5	(0.0)
olvi4*	0.5	1.0	0.5	(1.0)
cmyn4*	0.5	0.5	0.5	(0.0)
LAB*LAB	73.75	-34.92	5.64	
LAB*LABa	73.75	-34.92	5.64	
LAB*LABb	75.0	35.42	170.85	

standard and adapted CIELAB

LAB*LAB	73.75	-34.92	5.64	
LAB*LABa	73.75	-34.92	5.64	
LAB*LABb	75.0	35.42	170.85	

relative CIELAB lab*

lab*lab	0.72	-0.493	0.079	
lab*lab	0.72	-0.493	0.079	
lab*lab	0.72	-0.493	0.079	
lab*lab	0.72	-0.493	0.079	
lab*lab	0.72	-0.493	0.079	

relative Natural Colour (NC)

lab*lab	0.72	-0.493	0.079	
lab*lab	0.72	-0.493	0.079	
lab*lab	0.72	-0.493	0.079	
lab*lab	0.72	-0.493	0.079	
lab*lab	0.72	-0.493	0.079	

standard and adapted CIELAB

LAB*LAB	73.75	-34.92	5.64	
LAB*LABa	73.75	-34.92	5.64	
LAB*LABb	75.0	35.42	170.85	

relative CIELAB lab*

lab*lab	0.72	-0.493	0.079	
lab*lab	0.72	-0.493	0.079	
lab*lab	0.72	-0.493	0.079	
lab*lab	0.72	-0.493	0.079	
lab*lab	0.72	-0.493	0.079	

relative Natural Colour (NC)

lab*lab	0.72	-0.493	0.079	
lab*lab	0.72	-0.493	0.079	
lab*lab	0.72	-0.493	0.079	
lab*lab	0.72	-0.493	0.079	
lab*lab	0.72	-0.493	0.079	

standard and adapted CIELAB

LAB*LAB	73.75	-34.92	5.64	
LAB*LABa	73.75	-34.92	5.64	
LAB*LABb	75.0	35.42	170.85	

relative CIELAB lab*

lab*lab	0.72	-0.493	0.079	
lab*lab	0.72	-0.493	0.079	
lab*lab	0.72	-0.493	0.079	
lab*lab	0.72	-0.493	0.079	
lab*lab	0.72	-0.493	0.079	

relative Inform. Technology (IT)

olvi3*	0.25	1.0	0.25	(1.0)
cmyn3*	0.25	0.25	0.25	(0.0)
olvi4*	0.25	1.0	0.25	(1.0)
cmyn4*	0.25	0.25	0.25	(0.0)
LAB*LAB	62.93	-52.39	8.46	
LAB*LABa	62.93	-52.39	8.46	
LAB*LABb	62.5	53.13	170.85	

standard and adapted CIELAB

LAB*LAB	62.93	-52.39	8.46	
LAB*LABa	62.93	-52.39	8.46	
LAB*LABb	62.5	53.13	170.85	

relative CIELAB lab*

lab*lab	0.38	-0.743	-0.091	
lab*lab	0.38	-0.743	-0.091	
lab*lab	0.38	-0.743	-0.091	
lab*lab	0.38	-0.743	-0.091	
lab*lab	0.38	-0.743	-0.091	

relative Natural Colour (NC)

lab*lab	0.38	-0.743	-0.091	
lab*lab	0.38	-0.743	-0.091	
lab*lab	0.38	-0.743	-0.091	
lab*lab	0.38	-0.743	-0.091	
lab*lab	0.38	-0.743	-0.091	

standard and adapted CIELAB

LAB*LAB	62.93	-52.39	8.46	
LAB*LABa	62.93	-52.39	8.46	
LAB*LABb	62.5	53.13	170.85	

relative CIELAB lab*

lab*lab	0.38	-0.743	-0.091	
lab*lab	0.38	-0.743	-0.091	
lab*lab	0.38	-0.743	-0.091	
lab*lab	0.38	-0.743	-0.091	
lab*lab	0.38	-0.743	-0.091	

relative Natural Colour (NC)

lab*lab	0.38	-0.743	-0.091	
lab*lab	0.38	-0.743	-0.091	
lab*lab	0.38	-0.743	-0.091	
lab*lab	0.38	-0.743	-0.091	
lab*lab	0.38	-0.743	-0.091	

standard and adapted CIELAB

LAB*LAB	62.93	-52.39	8.46	
LAB*LABa	62.93	-52.39	8.46	
LAB*LABb	62.5	53.13	170.85	

 $n^* = 0.00$ $n^* = 0.25$ $n^* = 0.50$ $n^* = 0.75$ $n^* = 1.00$ $n^* = 1.25$ $n^* = 1.50$ $n^* = 1.75$ $n^* = 2.00$ $n^* = 2.25$ $n^* = 2.50$ $n^* = 2.75$ $n^* = 3.00$ $n^* = 3.25$ $n^* = 3.50$ $n^* = 3.75$ $n^* = 4.00$

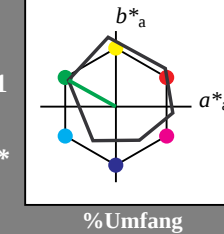
Ausgabe: Farbmetrisches Reflexions-System ORS18

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)

ol

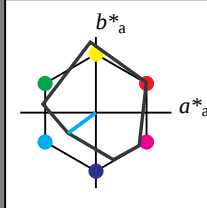
Eingabe: Farbmetrisches Reflexions-System MRS18a

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

D65: Buntton G50B

LCH*Ma: 45 46 217

rgb*Ma: 0.0 1.0 1.0

Dreiecks-Helligkeit t^* 

%Umfang

 $u^*_{rel} = 92$

relative Inform. Technology (IT)

olvi3* 1.0 1.0 1.0 (1.0)

olvi3* 0.5 0.5 0.5 (0.5)

olvi4* 1.0 1.0 1.0 (1.0)

olvi4* 0.5 0.5 0.5 (0.5)

olvi4* 0.0 0.0 0.0 (0.0)

olvi4* 0.0 0.0 0.0 (0.0)

standard and adapted CIELAB

LAB*LAB 95.41 0.01 0.0

LAB*LAB 95.41 0.01 0.0

LAB*LAB 95.41 0.01 0.0

relative CIELAB lab*

lab*lab 1.0 0.0 0.0

lab*lab 1.0 0.0 0.0

lab*lab 1.0 0.0 0.0

lab*lab 1.0 0.0 0.0

lab*lab 1.0 0.0 0.0

lab*lab 1.0 0.0 0.0

relative Natural Colour (NC)

lab*lab 1.0 0.0 0.0

lab*lab 1.0 0.0 0.0

lab*lab 1.0 0.0 0.0

lab*lab 1.0 0.0 0.0

lab*lab 1.0 0.0 0.0

lab*lab 1.0 0.0 0.0

relative Inform. Technology (IT)

olvi3* 0.75 0.75 0.75 (1.0)

olvi3* 0.25 0.25 0.25 (0.0)

olvi4* 1.0 1.0 1.0 (1.0)

olvi4* 0.5 0.5 0.5 (0.5)

olvi4* 0.0 0.0 0.0 (0.0)

olvi4* 0.0 0.0 0.0 (0.0)

standard and adapted CIELAB

LAB*LAB 76.06 0.03 0.0

LAB*LAB 76.06 0.03 0.0

LAB*LAB 76.06 0.03 0.0

relative CIELAB lab*

lab*lab 0.75 0.0 0.0

lab*lab 0.75 0.0 0.0

lab*lab 0.75 0.0 0.0

lab*lab 0.75 0.0 0.0

lab*lab 0.75 0.0 0.0

lab*lab 0.75 0.0 0.0

relative Natural Colour (NC)

lab*lab 0.75 0.0 0.0

lab*lab 0.75 0.0 0.0

lab*lab 0.75 0.0 0.0

lab*lab 0.75 0.0 0.0

lab*lab 0.75 0.0 0.0

lab*lab 0.75 0.0 0.0

relative Inform. Technology (IT)

olvi3* 0.5 0.5 0.5 (0.0)

olvi3* 0.5 0.5 0.5 (0.0)

olvi4* 1.0 1.0 1.0 (0.5)

olvi4* 0.5 0.5 0.5 (0.0)

olvi4* 0.0 0.0 0.0 (0.0)

olvi4* 0.0 0.0 0.0 (0.0)

standard and adapted CIELAB

LAB*LAB 56.71 0.05 0.0

LAB*LAB 56.71 0.05 0.0

LAB*LAB 56.71 0.05 0.0

relative CIELAB lab*

lab*lab 0.5 0.0 0.0

lab*lab 0.5 0.0 0.0

lab*lab 0.5 0.0 0.0

lab*lab 0.5 0.0 0.0

lab*lab 0.5 0.0 0.0

lab*lab 0.5 0.0 0.0

relative Natural Colour (NC)

lab*lab 0.5 0.0 0.0

lab*lab 0.5 0.0 0.0

lab*lab 0.5 0.0 0.0

lab*lab 0.5 0.0 0.0

lab*lab 0.5 0.0 0.0

lab*lab 0.5 0.0 0.0

relative Inform. Technology (IT)

olvi3* 0.25 0.25 0.25 (1.0)

olvi3* 0.75 0.75 0.75 (0.0)

olvi4* 1.0 1.0 1.0 (0.5)

olvi4* 0.5 0.5 0.5 (0.0)

olvi4* 0.0 0.0 0.0 (0.0)

olvi4* 0.0 0.0 0.0 (0.0)

standard and adapted CIELAB

LAB*LAB 37.36 0.01 0.0

LAB*LAB 37.36 0.01 0.0

LAB*LAB 37.36 0.01 0.0

relative CIELAB lab*

lab*lab 0.25 0.0 0.0

lab*lab 0.25 0.0 0.0

lab*lab 0.25 0.0 0.0

lab*lab 0.25 0.0 0.0

lab*lab 0.25 0.0 0.0

lab*lab 0.25 0.0 0.0

relative Natural Colour (NC)

lab*lab 0.25 0.0 0.0

lab*lab 0.25 0.0 0.0

lab*lab 0.25 0.0 0.0

lab*lab 0.25 0.0 0.0

lab*lab 0.25 0.0 0.0

lab*lab 0.25 0.0 0.0

relative Inform. Technology (IT)

olvi3* 0.0 0.0 0.0 (1.0)

olvi3* 1.0 1.0 1.0 (0.0)

olvi4* 1.0 1.0 1.0 (0.0)

olvi4* 0.5 0.5 0.5 (0.0)

olvi4* 0.0 0.0 0.0 (0.0)

olvi4* 0.0 0.0 0.0 (0.0)

standard and adapted CIELAB

LAB*LAB 18.02 0.02 0.0

LAB*LAB 18.02 0.02 0.0

LAB*LAB 18.02 0.02 0.0

relative CIELAB lab*

lab*lab 0.0 0.0 0.0

lab*lab 0.0 0.0 0.0

lab*lab 0.0 0.0 0.0

lab*lab 0.0 0.0 0.0

lab*lab 0.0 0.0 0.0

lab*lab 0.0 0.0 0.0

relative Natural Colour (NC)

lab*lab 0.0 0.0 0.0

lab*lab 0.0 0.0 0.0

lab*lab 0.0 0.0 0.0

lab*lab 0.0 0.0 0.0

lab*lab 0.0 0.0 0.0

lab*lab 0.0 0.0 0.0

relative Inform. Technology (IT)

olvi3* 0.0 0.0 0.0 (1.0)

olvi3* 1.0 1.0 1.0 (0.0)

olvi4* 1.0 1.0 1.0 (0.0)

olvi4* 0.5 0.5 0.5 (0.0)

olvi4* 0.0 0.0 0.0 (0.0)

olvi4* 0.0 0.0 0.0 (0.0)

standard and adapted CIELAB

LAB*LAB 0.01 0.01 0.0

LAB*LAB 0.01 0.01 0.0

LAB*LAB 0.01 0.01 0.0

relative CIELAB lab*

lab*lab 0.0 0.0 0.0

lab*lab 0.0 0.0 0.0

lab*lab 0.0 0.0 0.0

lab*lab 0.0 0.0 0.0

lab*lab 0.0 0.0 0.0

lab*lab 0.0 0.0 0.0

relative Natural Colour (NC)

lab*lab 0.0 0.0 0.0

lab*lab 0.0 0.0 0.0

lab*lab 0.0 0.0 0.0

lab*lab 0.0 0.0 0.0

lab*lab 0.0 0.0 0.0

lab*lab 0.0 0.0 0.0

relative Inform. Technology (IT)

olvi3* 0.75 0.75 0.75 (1.0)

olvi3* 0.25 0.25 0.25 (0.0)

olvi4* 1.0 1.0 1.0 (1.0)

olvi4* 0.5 0.5 0.5 (0.5)

olvi4* 0.0 0.0 0.0 (0.0)

olvi4* 0.0 0.0 0.0 (0.0)

standard and adapted CIELAB

LAB*LAB 82.81 -9.13 -6.77

LAB*LAB 82.81 -9.13 -6.77

LAB*LAB 82.81 -9.13 -6.77

relative CIELAB lab*

lab*lab 0.837 -0.2 -0.148

lab*lab 0.837 0.25 0.601

lab*lab 0.837 0.25 0.601

lab*lab 0.837 0.25 0.601

lab*lab 0.837 0.25 0.601

lab*lab 0.837 0.25 0.601

relative Natural Colour (NC)

lab*lab 0.837 -0.177 -0.175

lab*lab 0.837 0.25 0.601

lab*lab 0.837 0.25 0.601

lab*lab 0.837 0.25 0.601

lab*lab 0.837 0.25 0.601

lab*lab 0.837 0.25 0.601

relative Inform. Technology (IT)

olvi3* 0.5 0.5 0.5 (1.0)

olvi3* 0.5 0.5 0.5 (0.0)

olvi4* 1.0 1.0 1.0 (0.5)

olvi4* 0.5 0.5 0.5 (0.0)

olvi4* 0.0 0.0 0.0 (0.0)

olvi4* 0.0 0.0 0.0 (0.0)

standard and adapted CIELAB

LAB*LAB 63.46 -9.11 -6.76

LAB*LAB 63.46 -9.11 -6.76

LAB*LAB 63.46 -9.11 -6.76

relative CIELAB lab*

lab*lab 0.587 -0.177 -0.175

lab*lab 0.625 0.25 0.624

lab*lab 0.625 0.25 0.624

lab*lab 0.625 0.25 0.624

lab*lab 0.625 0.25 0.624

lab*lab 0.625 0.25 0.624

relative Natural Colour (NC)

lab*lab 0.587 -0.177 -0.175

lab*lab 0.625 0.25 0.624

lab*lab 0.625 0.25 0.624

lab*lab 0.625 0.25 0.624

lab*lab 0.625 0.25 0.624

lab*lab 0.625 0.25 0.624

relative Inform. Technology (IT)

olvi3* 0.25 0.25 0.25 (1.0)

olvi3* 0.75 0.75 0.75 (0.0)

olvi4* 1.0 1.0 1.0 (0.5)

olvi4* 0.5 0.5 0.5 (0.0)

olvi4* 0.0 0.0 0.0 (0.0)

olvi4* 0.0 0.0 0.0 (0.0)

standard and adapted CIELAB

LAB*LAB 44.11 -9.09 -6.76

LAB*LAB 44.11 -9.09 -6.76

LAB*LAB 44.11 -9.09 -6.76

relative CIELAB lab*

lab*lab 0.337 -0.2 -0.148

lab*lab 0.375 0.25 0.601

lab*lab 0.375 0.25 0.601

lab*lab 0.375 0.25 0.601

lab*lab 0.375 0.25 0.601

lab*lab 0.375 0.25 0.601

relative Natural Colour (NC)

lab*lab 0.337 -0.177 -0.175

lab*lab 0.375 0.25 0.601

lab*lab 0.375 0.25 0.601

lab*lab 0.375 0.25 0.601

lab*lab 0.375 0.25 0.601

lab*lab 0.375 0.25 0.601

relative Inform. Technology (IT)

olvi3* 0.0 0.0 0.0 (1.0)

olvi3* 1.0 0.75 0.75 (0.0)

olvi4* 1.0 1.0 1.0 (0.0)

olvi4* 0.5 0.5 0.5 (0.0)

olvi4* 0.0 0.0 0.0 (0.0)

olvi4* 0.0 0.0 0.0 (0.0)

standard and adapted CIELAB

LAB*LAB 24.77 -9.15 -6.77

LAB*LAB 24.77 -9.15 -6.77

LAB*LAB 24.77 -9.15 -6.77

relative CIELAB lab*

lab*lab 0.087 -0.2 -0.148

lab*lab 0.125 0.25 0.601

lab*lab 0.125 0.25 0.601

lab*lab 0.125 0.25 0.601

lab*lab 0.125 0.25 0.601

lab*lab 0.125 0.25 0.601

relative Natural Colour (NC)

lab*lab 0.087 -0.177 -0.175

lab*lab 0.125 0.25 0.601

lab*lab 0.125 0.25 0.601

lab*lab 0.125 0.25 0.601

lab*lab 0.125 0.25 0.601

lab*lab 0.125 0.25 0.601

relative Inform. Technology (IT)

olvi3* 0.0 0.0 0.0 (1.0)

olvi3* 1.0 1.0 1.0 (0.0)

olvi4* 1.0 1.0 1.0 (0.0)

olvi4* 0.5 0.5 0.5 (0.0)

olvi4* 0.0 0.0 0.0 (0.0)

olvi4* 0.0 0.0 0.0 (0.0)

standard and adapted CIELAB

LAB*LAB 18.02 0.02 0.0

LAB*LAB 18.02 0.02 0.0

LAB*LAB 18.02 0.02 0.0

relative CIELAB lab*

lab*lab 0.0 0.0 0.0

lab*lab 0.0 0.0 0.0

lab*lab 0.0 0.0 0.0

lab*lab 0.0 0.0 0.0

lab*lab 0.0 0.0 0.0

lab*lab 0.0 0.0 0.0

relative Natural Colour (NC)

lab*lab 0.0 0.0 0.0

lab*lab 0.0 0.0 0.0

lab*lab 0.0 0.0 0.0

lab*lab 0.0 0.0 0.0

lab*lab 0.0 0.0 0.0

lab*lab 0.0 0.0 0.0

relative Inform. Technology (IT)

olvi3* 0.0 0.0 0.0 (1.0)

olvi3* 1.0 1.0 1.0 (0.0)

olvi4* 1.0 1.0 1.0 (0.0)

olvi4* 0.5 0.5 0.5 (0.0)

olvi4* 0.0 0.0 0.0 (0.0)

olvi4* 0.0 0.0 0.0 (0.0)

standard and adapted CIELAB

LAB*LAB 0.01 0.01 0.0

LAB*LAB 0.01 0.01 0.0

LAB*LAB 0.01 0.01 0.0

relative CIELAB lab*

lab*lab 0.0 0.0 0.0

lab*lab 0.0 0.0 0.0

lab*lab 0.0 0.0 0.0

lab*lab 0.0 0.0 0.0

lab*lab 0.0 0.0 0.0

lab*lab 0.0 0.0 0.0

relative Natural Colour (NC)

lab*lab 0.0 0.0 0.0

lab*lab 0.0 0.0 0.0

lab*lab 0.0 0.0 0.0

lab*lab 0.0 0.0 0.0

lab*lab 0.0 0.0 0.0

lab*lab 0.0 0.0 0.0

MRS18a; adaptierte CIELAB-Daten

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

%Regularität

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

relative Inform. Technology (IT)

olvi3* 0.5 0.5 0.5 (1.0)

olvi3* 0.5 0.5 0.5 (0.0)

olvi4* 1.0 1.0 1.0 (1.0)

olvi4* 0.5 0.5 0.5 (0.5)

olvi4* 0.0 0.0 0.0 (0.0)

olvi4* 0.0 0.0 0.0 (0.0)

standard and adapted CIELAB

LAB*LAB 70.21 -18.28 -13.55

LAB*LAB 70.21 -18.28 -13.55

LAB*LAB 70.21 -18.28 -13.55

relative CIELAB lab*

lab*lab 0.674 -0.401 -0.296

lab*lab 0.75 0.5 0.601

lab*lab 0.75 0.5 0.601

lab*lab 0.75 0.5 0.601

lab*lab 0.75 0.5 0.601

lab*lab 0.75 0.5 0.601

relative Natural Colour (NC)

lab*lab 0.674 -0.355 -0.35

lab*lab 0.75 0.5 0.601

lab*lab 0.75 0.5 0.601

lab*lab 0.75 0.5 0.601

lab*lab 0.75 0.5 0.601

lab*lab 0.75 0.5 0.601

relative Inform. Technology (IT)

olvi3* 0.25 0.25 0.25 (1.0)

olvi3* 0.75 0.75 0.75 (0.0)

olvi4* 1.0 1.0 1.0 (0.5)

olvi4* 0.5 0.5 0.5 (0.0)

olvi4* 0.0 0.0 0.0 (0.0)

olvi4* 0.0 0.0 0.0 (0.0)

standard and adapted CIELAB

LAB*LAB 50.87 -18.26 -13.54

LAB*LAB 50.87 -18.26 -13.54

LAB*LAB 50.87 -18.26 -13.54

relative CIELAB lab*

lab*lab 0.425 -0.401 -0.297

lab*lab 0.425 0.5 0.601

lab*lab 0.425 0.5 0.601

lab*lab 0.425 0.5 0.601

lab*lab 0.425 0.5 0.601

lab*lab 0.425 0.5 0.601

relative Natural Colour (NC)

lab*lab 0.425 -0.355 -0.35

lab*lab 0.425 0.5 0.601

lab*lab 0.425 0.5 0.601

lab*lab 0.425 0.5 0.601

lab*lab 0.425 0.5 0.601

lab*lab 0.425 0.5 0.601

relative Inform. Technology (IT)

olvi3* 0.0 0.0 0.0 (1.0)

olvi3* 1.0 0.5 0.5 (0.0)

olvi4* 1.0 1.0 1.0 (0.0)

olvi4* 0.5 0.5 0.5 (0.0)

olvi4* 0.0 0.0 0.0 (0.0)

olvi4* 0.0 0.0 0.0 (0.0)

standard and adapted CIELAB

LAB*LAB 31.52 -18.31 -13.56

LAB*LAB 31.52 -18.31 -13.56

LAB*LAB 31.52 -18.31 -13.56

relative CIELAB lab*

lab*lab 0.262 -0.602 -0.445

lab*lab 0.375 0.75 0.601

lab*lab 0.375 0.75 0.601

lab*lab 0.375 0.75 0.601

lab*lab 0.375 0.75 0.601

lab*lab 0.375 0.75 0.601

relative Natural Colour (NC)

lab*lab 0.262 -0.533 -0.526

lab*lab 0.375 0.75 0.601

lab*lab 0.375 0.75 0.601

lab*lab 0.375 0.75 0.601

lab*lab 0.375 0.75 0.601

lab*lab 0.375 0.75 0.601

relative Inform. Technology (IT)

olvi3* 0.0 0.0 0.0 (1.0)

olvi3* 1.0 0.5 0.5 (0.0)

olvi4* 1.0 1.0 1.0 (0.0)

olvi4* 0.5 0.5 0.5 (0.0)

olvi4* 0.0 0.0 0.0 (0.0)

olvi4* 0.0 0.0 0.0 (0.0)

standard and adapted CIELAB

LAB*LAB 18.02 0.02 0.0

LAB*LAB 18.02 0.02 0.0

LAB*LAB 18.02 0.02 0.0

relative CIELAB lab*

lab*lab 0.175 -0.401 -0.296

lab*lab 0.25 0.5 0.601

lab*lab 0.25 0.5 0.601

lab*lab 0.25 0.5 0.601

lab*lab 0.25 0.5 0.601

lab*lab 0.25 0.5 0.601

relative Natural Colour (NC)

lab*lab 0.175 -0.355 -0.35

lab*lab 0.25 0.5 0.601

lab*lab 0.25 0.5 0.601

lab*lab 0.25 0.5 0.601

lab*lab 0.25 0.5 0.601

lab*lab 0.25 0.5 0.601

relative Inform. Technology (IT)

olvi3* 0.0 0.0 0.0 (1.0)

olvi3* 1.0 0.75 0.75 (0.0)

olvi4* 1.0 1.0 1.0 (0.0)

olvi4* 0.5 0.5 0.5 (0.0)

olvi4* 0.0 0.0 0.0 (0.0)

olvi4* 0.0 0.0 0.0 (0.0)

standard and adapted CIELAB

LAB*LAB 0.01 0.01 0.0

LAB*LAB 0.01 0.01 0.0

LAB*LAB 0.01 0.01 0.0

relative CIELAB lab*

lab*lab 0.0 0.0 0.0

lab*lab 0.0 0.0 0.0

lab*lab 0.0 0.0 0.0

lab*lab 0.0 0.0 0.0

lab*lab 0.0 0.0 0.0

lab*lab 0.0 0.0 0.0

relative Natural Colour (NC)

lab*lab 0.0 0.0 0.0

lab*lab 0.0 0.0 0.0

lab*lab 0.0 0.0 0.0

lab*lab 0.0 0.0 0.0

lab*lab 0.0 0.0 0.0

lab*lab 0.0 0.0 0.0

relative Inform. Technology (IT)

olvi3* 0.0 0.0 0.0 (1.0)

olvi3* 1.0 1.0 1.0 (0.0)

olvi4* 1.0 1.0 1.0 (0.0)

olvi4* 0.5 0.5 0.5 (0.0)

olvi4* 0.0 0.0 0.0 (0.0)

olvi4* 0.0 0.0 0.0 (0.0)

standard and adapted CIELAB

LAB*LAB 0.01 0.01 0.0

LAB*LAB 0.01 0.01 0.0

LAB*LAB 0.01 0.01 0.0

</

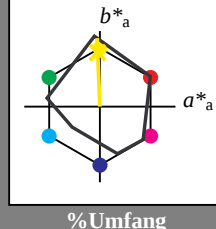
Eingabe: Farbmetrisches Reflexions-System MRS18a

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

D65: Buntton J

LCH*Ma: 89 91 92

rgb*Ma: 1.0 0.95 0.0

Dreiecks-Helligkeit t^* 

MRS18a; adaptierte CIELAB-Daten

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

%Regularität

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

relative Inform. Technology (IT)

olvi3* 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 0.988 0.75 (1.0)

olvi4* 0.0 0.012 0.25 (0.0)

olvi5* 1.0 0.988 0.75 (1.0)

olvi6* 0.0 0.012 0.25 (0.0)

olvi7* 1.0 0.988 0.75 (1.0)

olvi8* 0.0 0.012 0.25 (0.0)

olvi9* 1.0 0.988 0.75 (1.0)

olvi10* 0.0 0.012 0.25 (0.0)

olvi11* 1.0 0.988 0.75 (1.0)

olvi12* 0.0 0.012 0.25 (0.0)

olvi13* 1.0 0.988 0.75 (1.0)

olvi14* 0.0 0.012 0.25 (0.0)

olvi15* 1.0 0.988 0.75 (1.0)

olvi16* 0.0 0.012 0.25 (0.0)

olvi17* 1.0 0.988 0.75 (1.0)

olvi18* 0.0 0.012 0.25 (0.0)

olvi19* 1.0 0.988 0.75 (1.0)

olvi20* 0.0 0.012 0.25 (0.0)

olvi21* 1.0 0.988 0.75 (1.0)

olvi22* 0.0 0.012 0.25 (0.0)

olvi23* 1.0 0.988 0.75 (1.0)

olvi24* 0.0 0.012 0.25 (0.0)

olvi25* 1.0 0.988 0.75 (1.0)

olvi26* 0.0 0.012 0.25 (0.0)

olvi27* 1.0 0.988 0.75 (1.0)

olvi28* 0.0 0.012 0.25 (0.0)

olvi29* 1.0 0.988 0.75 (1.0)

olvi30* 0.0 0.012 0.25 (0.0)

olvi31* 1.0 0.988 0.75 (1.0)

olvi32* 0.0 0.012 0.25 (0.0)

olvi33* 1.0 0.988 0.75 (1.0)

olvi34* 0.0 0.012 0.25 (0.0)

olvi35* 1.0 0.988 0.75 (1.0)

olvi36* 0.0 0.012 0.25 (0.0)

olvi37* 1.0 0.988 0.75 (1.0)

olvi38* 0.0 0.012 0.25 (0.0)

olvi39* 1.0 0.988 0.75 (1.0)

olvi40* 0.0 0.012 0.25 (0.0)

olvi41* 1.0 0.988 0.75 (1.0)

olvi42* 0.0 0.012 0.25 (0.0)

olvi43* 1.0 0.988 0.75 (1.0)

olvi44* 0.0 0.012 0.25 (0.0)

olvi45* 1.0 0.988 0.75 (1.0)

olvi46* 0.0 0.012 0.25 (0.0)

olvi47* 1.0 0.988 0.75 (1.0)

olvi48* 0.0 0.012 0.25 (0.0)

olvi49* 1.0 0.988 0.75 (1.0)

olvi50* 0.0 0.012 0.25 (0.0)

olvi51* 1.0 0.988 0.75 (1.0)

olvi52* 0.0 0.012 0.25 (0.0)

olvi53* 1.0 0.988 0.75 (1.0)

olvi54* 0.0 0.012 0.25 (0.0)

olvi55* 1.0 0.988 0.75 (1.0)

olvi56* 0.0 0.012 0.25 (0.0)

olvi57* 1.0 0.988 0.75 (1.0)

olvi58* 0.0 0.012 0.25 (0.0)

olvi59* 1.0 0.988 0.75 (1.0)

olvi60* 0.0 0.012 0.25 (0.0)

olvi61* 1.0 0.988 0.75 (1.0)

olvi62* 0.0 0.012 0.25 (0.0)

olvi63* 1.0 0.988 0.75 (1.0)

olvi64* 0.0 0.012 0.25 (0.0)

olvi65* 1.0 0.988 0.75 (1.0)

olvi66* 0.0 0.012 0.25 (0.0)

olvi67* 1.0 0.988 0.75 (1.0)

olvi68* 0.0 0.012 0.25 (0.0)

olvi69* 1.0 0.988 0.75 (1.0)

olvi70* 0.0 0.012 0.25 (0.0)

olvi71* 1.0 0.988 0.75 (1.0)

olvi72* 0.0 0.012 0.25 (0.0)

olvi73* 1.0 0.988 0.75 (1.0)

olvi74* 0.0 0.012 0.25 (0.0)

olvi75* 1.0 0.988 0.75 (1.0)

olvi76* 0.0 0.012 0.25 (0.0)

olvi77* 1.0 0.988 0.75 (1.0)

olvi78* 0.0 0.012 0.25 (0.0)

olvi79* 1.0 0.988 0.75 (1.0)

olvi80* 0.0 0.012 0.25 (0.0)

olvi81* 1.0 0.988 0.75 (1.0)

olvi82* 0.0 0.012 0.25 (0.0)

olvi83* 1.0 0.988 0.75 (1.0)

olvi84* 0.0 0.012 0.25 (0.0)

olvi85* 1.0 0.988 0.75 (1.0)

olvi86* 0.0 0.012 0.25 (0.0)

olvi87* 1.0 0.988 0.75 (1.0)

olvi88* 0.0 0.012 0.25 (0.0)

olvi89* 1.0 0.988 0.75 (1.0)

olvi90* 0.0 0.012 0.25 (0.0)

olvi91* 1.0 0.988 0.75 (1.0)

olvi92* 0.0 0.012 0.25 (0.0)

olvi93* 1.0 0.988 0.75 (1.0)

olvi94* 0.0 0.012 0.25 (0.0)

olvi95* 1.0 0.988 0.75 (1.0)

olvi96* 0.0 0.012 0.25 (0.0)

olvi97* 1.0 0.988 0.75 (1.0)

olvi98* 0.0 0.012 0.25 (0.0)

olvi99* 1.0 0.988 0.75 (1.0)

olvi100* 0.0 0.012 0.25 (0.0)

relative Inform. Technology (IT)

olvi3* 0.75 0.75 0.75 (1.0)

olvi4* 0.0 0.0 0.0 (0.0)

olvi5* 0.75 0.75 0.75 (1.0)

olvi6* 0.0 0.0 0.0 (0.0)

olvi7* 0.75 0.75 0.75 (1.0)

olvi8* 0.0 0.0 0.0 (0.0)

olvi9* 0.75 0.75 0.75 (1.0)

olvi10* 0.0 0.0 0.0 (0.0)

olvi11* 0.75 0.75 0.75 (1.0)

olvi12* 0.0 0.0 0.0 (0.0)

olvi13* 0.75 0.75 0.75 (1.0)

olvi14* 0.0 0.0 0.0 (0.0)

olvi15* 0.75 0.75 0.75 (1.0)

olvi16* 0.0 0.0 0.0 (0.0)

olvi17* 0.75 0.75 0.75 (1.0)

olvi18* 0.0 0.0 0.0 (0.0)

olvi19* 0.75 0.75 0.75 (1.0)

olvi20* 0.0 0.0 0.0 (0.0)

olvi21* 0.75 0.75 0.75 (1.0)

olvi22* 0.0 0.0 0.0 (0.0)

olvi23* 0.75 0.75 0.75 (1.0)

olvi24* 0.0 0.0 0.0 (0.0)

olvi25* 0.75 0.75 0.75 (1.0)

olvi26* 0.0 0.0 0.0 (0.0)

olvi27* 0.75 0.75 0.75 (1.0)

olvi28* 0.0 0.0 0.0 (0.0)

olvi29* 0.75 0.75 0.75 (1.0)

olvi30* 0.0 0.0 0.0 (0.0)

olvi31* 0.75 0.75 0.75 (1.0)

olvi32* 0.0 0.0 0.0 (0.0)

olvi33* 0.75 0.75 0.75 (1.0)

olvi34* 0.0 0.0 0.0 (0.0)

olvi35* 0.75 0.75 0.75 (1.0)

olvi36* 0.0 0.0 0.0 (0.0)

olvi37* 0.75 0.75 0.75 (1.0)

olvi38* 0.0 0.0 0.0 (0.0)

olvi39* 0.75 0.75 0.75 (1.0)

olvi40* 0.0 0.0 0.0 (0.0)

olvi41* 0.75 0.75 0.75 (1.0)

olvi42* 0.0 0.0 0.0 (0.0)

olvi43* 0.75 0.75 0.75 (1.0)

olvi44* 0.0 0.0 0.0 (0.0)

olvi45* 0.75 0.75 0.75 (1.0)

olvi46* 0.0 0.0 0.0 (0.0)

olvi47* 0.75 0.75 0.75 (1.0)

olvi48* 0.0 0.0 0.0 (0.0)

olvi49* 0.75 0.75 0.75 (1.0)

olvi50* 0.0 0.0 0.0 (0.0)

olvi51* 0.75 0.75 0.75 (1.0)

olvi52* 0.0 0.0 0.0 (0.0)

olvi53* 0.75 0.75 0.75 (1.0)

olvi54* 0.0 0.0 0.0 (0.0)

olvi55* 0.75 0.75 0.75 (1.0)

olvi56* 0.0 0.0 0.0 (0.0)

olvi57* 0.75 0.75 0.75 (1.0)

olvi58* 0.0 0.0 0.0 (0.0)

olvi59* 0.75 0.75 0.75 (1.0)

olvi60* 0.0 0.0 0.0 (0.0)

olvi61* 0.75 0.75 0.75 (1.0)

olvi62* 0.0 0.0 0.0 (0.0)

olvi63* 0.75 0.75 0.75 (1.0)

olvi64* 0.0 0.0 0.0 (0.0)

olvi65* 0.75 0.75 0.75 (1.0)

olvi66* 0.0 0.0 0.0 (0.0)

olvi67* 0.75 0.75 0.75 (1.0)

olvi68* 0.0 0.0 0.0 (0.0)

olvi69* 0.75 0.75 0.75 (1.0)

olvi70* 0.0 0.0 0.0 (0.0)

olvi71* 0.75 0.75 0.75 (1.0)

olvi72* 0.0 0.0 0.0 (0.0)

olvi73* 0.75 0.75 0.75 (1.0)

olvi74* 0.0 0.0 0.0 (0.0)

olvi75* 0.75 0.75 0.75 (1.0)

olvi76* 0.0 0.0 0.0 (0.0)

olvi77* 0.75 0.75 0.75 (1.0)

olvi78* 0.0 0.0 0.0 (0.0)

olvi79* 0.75 0.75 0.75 (1.0)

olvi80* 0.0 0.0 0.0 (0.0)

olvi81* 0.75 0.75 0.75 (1.0)

olvi82* 0.0 0.0 0.0 (0.0)

olvi83* 0.75 0.75 0.75 (1.0)

olvi84* 0.0 0.0 0.0 (0.0)

olvi85* 0.75 0.75 0.75 (1.0)

olvi86* 0.0 0.0 0.0 (0.0)

olvi87* 0.75 0.75 0.75 (1.0)

olvi88* 0.0 0.0 0.0 (0.0)

olvi89* 0.75 0.75 0.75 (1.0)

olvi90* 0.0 0.0 0.0 (0.0)

olvi91* 0.75 0.75 0.75 (1.0)

olvi92* 0.0 0.0 0.0 (0.0)

olvi93* 0.75 0.75 0.75 (1.0)

olvi94* 0.0 0.0 0.0 (0.0)

olvi95* 0.75 0.75 0.75 (1.0)

olvi96* 0.0 0.0 0.0 (0.0)

olvi97* 0.75 0.75 0.75 (1.0)

olvi98* 0.0 0.0 0.0 (0.0)

olvi99* 0.75 0.75 0.75 (1.0)

olvi100* 0.0 0.0 0.0 (0.0)

relative Inform. Technology (IT)

olvi3* 0.75 0.75 0.75 (1.0)

olvi4* 0.0 0.0 0.0 (0.0)

olvi5* 0.75 0.75 0.75 (1.0)

olvi6* 0.0 0.0 0.0 (0.0)

olvi7* 0.75 0.75 0.75 (1.0)

olvi8* 0.0 0.0 0.0 (0.0)

olvi9* 0.75 0.75 0.75 (1.0)

olvi10* 0.0 0.0 0.0 (0.0)

olvi11* 0.75 0.75 0.75 (1.0)

olvi12* 0.0 0.0 0.0 (0.0)

olvi13* 0.75 0.75 0.75 (1.0)

olvi14* 0.0 0.0 0.0 (0.0)

olvi15* 0.75 0.75 0.75 (1.0)

olvi16* 0.0 0.0 0.0 (0.0)

olvi17* 0.75 0.75 0.75 (1.0)

olvi18* 0.0 0.0 0.0 (0.0)

olvi19* 0.75 0.75 0.75 (1.0)

olvi20* 0.0 0.0 0.0 (0.0)

olvi21* 0.75 0.75 0.75 (1.0)

olvi22* 0.0 0.0 0.0 (0.0)

olvi23* 0.75 0.75 0.75 (1.0)

olvi24* 0.0 0.0 0.0 (0.0)

olvi25* 0.75 0.75 0.75 (1.0)

olvi26* 0.0 0.0 0.0 (0.0)

olvi27* 0.75 0.75 0.75 (1.0)

olvi28* 0.0 0.0 0.0 (0.0)

olvi29* 0.75 0.75 0.75 (1.0)

olvi30* 0.0 0.0 0.0 (0.0)

olvi31* 0.75 0.75 0.75 (1.0)

olvi32* 0.0 0.0 0.0 (0.0)

olvi33* 0.75 0.75 0.75 (1.0)

olvi34* 0.0 0.0 0.0 (0.0)

olvi35* 0.75 0.75 0.75 (1.0)

olvi36* 0.0 0.0 0.0 (0.0)

olvi37* 0.75 0.75 0.75 (1.0)

olvi38* 0.0 0.0 0.0 (0.0)

olvi39* 0.75 0.75 0.75 (1.0)

olvi40* 0.0 0.0 0.0 (0.0)

olvi41* 0.75 0.75 0.75 (1.0)

olvi42* 0.0 0.0 0.0 (0.0)

olvi43* 0.75 0.75 0.75 (1.0)

olvi44* 0.0 0.0 0.0 (0.0)

olvi45* 0.75 0.75 0.75 (1.0)

olvi46* 0.0 0.0 0.0 (0.0)

olvi47* 0.75 0.75 0.75 (1.0)

olvi48* 0.0 0.0 0.0 (0.0)

olvi49* 0.75 0.75 0.75 (1.0)

olvi50* 0.0 0.0 0.0 (0.0)

olvi51* 0.75 0.75 0.75 (1.0)

olvi52* 0.0 0.0 0.0 (0.0)

olvi53* 0.75 0.75 0.75 (1.0)

olvi54* 0.0 0.0 0.0 (0.0)

olvi55* 0.75 0.75 0.75 (1.0)

olvi56* 0.0 0.0 0.0 (0.0)

olvi57* 0.75 0.75 0.75 (1.0)

olvi58* 0.0 0.0 0.0 (0.0)

olvi59* 0.75 0.75 0.75 (1.0)

olvi60* 0.0 0.0 0.0 (0.0)

olvi61* 0.75 0.75 0.75 (1.0)

olvi62* 0.0 0.0 0.0 (0.0)

olvi63* 0.75 0.75 0.75 (1.0)

olvi64* 0.0 0.0 0.0 (0.0)

olvi65* 0.75 0.75 0.75 (1.0)

olvi66* 0.0 0.0 0.0 (0.0)

olvi67* 0.75 0.75 0.75 (1.0)

olvi68* 0.0 0.0 0.0 (0.0)

olvi69* 0.75 0.75 0.75 (1.0)

olvi70* 0.0 0.0 0.0 (0.0)

olvi71* 0.75 0.75 0.75 (1.0)

olvi72* 0.0 0.0 0.0 (0.0)

olvi73* 0.75 0.75 0.75 (1.0)

olvi74* 0.0 0.0 0.0 (0.0)

olvi75* 0.75 0.75 0.75 (1.0)

olvi76* 0.0 0.0 0.0 (0.0)

olvi77* 0.75 0.75 0.75 (1.0)

olvi78* 0.0 0.0 0.0 (0.0)

olvi79* 0.75 0.75 0.75 (1.0)

olvi80* 0.0 0.0 0.0

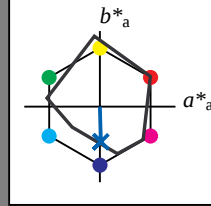
Eingabe: Farbmetrisches Reflexions-System MRS18a

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

D65: Buntton B

LCH*Ma: 40 49 272

rgb*Ma: 0.0 0.36 1.0

Dreiecks-Helligkeit t^* 

%Umfang

 $u^*_{rel} = 92$

relative Inform. Technology (IT)

olvi3* 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)

olvi6* 0.0 0.0 0.0 (0.0)

olvi7* 0.0 0.0 0.0 (0.0)

standard and adapted CIELAB

LAB*LAB 95.41 0.01 0.0

LAB*LABa 95.41 0.01 0.0

LAB*LABb 95.41 0.01 0.0

relative CIELAB lab*

lab*lab 1.0 0.0 0.0

lab*lab 1.0 0.0 0.0

lab*lab 0.0 0.0 0.0

relative Natural Colour (NC)

lab*lab 1.0 0.0 0.0

lab*lab 1.0 0.0 0.0

lab*lab 0.0 0.0 0.0

relative Inform. Technology (IT)

olvi3* 0.75 0.75 0.75 (1.0)

olvi4* 0.25 0.25 0.25 (0.0)

olvi5* 1.0 1.0 1.0 (1.0)

olvi6* 0.0 0.0 0.0 (0.0)

olvi7* 0.0 0.0 0.0 (0.0)

standard and adapted CIELAB

LAB*LAB 76.06 0.03 0.0

LAB*LABa 76.06 0.03 0.0

LAB*LABb 76.06 0.03 0.0

relative CIELAB lab*

lab*lab 0.75 0.0 0.0

lab*lab 0.75 0.0 0.0

lab*lab 0.0 0.0 0.0

relative Natural Colour (NC)

lab*lab 0.75 0.0 0.0

lab*lab 0.75 0.0 0.0

lab*lab 0.0 0.0 0.0

relative Inform. Technology (IT)

olvi3* 0.5 0.5 0.5 (0.0)

olvi4* 0.5 0.5 0.5 (0.0)

olvi5* 1.0 1.0 1.0 (1.0)

olvi6* 0.0 0.0 0.0 (0.0)

olvi7* 0.0 0.0 0.0 (0.0)

standard and adapted CIELAB

LAB*LAB 56.71 0.05 0.0

LAB*LABa 56.71 0.05 0.0

LAB*LABb 56.71 0.05 0.0

relative CIELAB lab*

lab*lab 0.5 0.0 0.0

lab*lab 0.5 0.0 0.0

lab*lab 0.0 0.0 0.0

relative Natural Colour (NC)

lab*lab 0.5 0.0 0.0

lab*lab 0.5 0.0 0.0

lab*lab 0.0 0.0 0.0

relative Inform. Technology (IT)

olvi3* 0.25 0.25 0.25 (1.0)

olvi4* 0.75 0.75 0.75 (0.0)

olvi5* 1.0 1.0 1.0 (1.0)

olvi6* 0.0 0.0 0.0 (0.0)

olvi7* 0.0 0.0 0.0 (0.0)

standard and adapted CIELAB

LAB*LAB 37.36 0.01 0.0

LAB*LABa 37.36 0.01 0.0

LAB*LABb 37.36 0.01 0.0

relative CIELAB lab*

lab*lab 0.25 0.0 0.0

lab*lab 0.25 0.0 0.0

lab*lab 0.0 0.0 0.0

relative Natural Colour (NC)

lab*lab 0.25 0.0 0.0

lab*lab 0.25 0.0 0.0

lab*lab 0.0 0.0 0.0

relative Inform. Technology (IT)

olvi3* 0.0 0.0 0.0 (1.0)

olvi4* 0.0 0.0 0.0 (0.0)

olvi5* 1.0 1.0 1.0 (1.0)

olvi6* 0.0 0.0 0.0 (0.0)

olvi7* 0.0 0.0 0.0 (0.0)

standard and adapted CIELAB

LAB*LAB 18.02 0.01 0.0

LAB*LABa 18.02 0.01 0.0

LAB*LABb 18.02 0.01 0.0

relative CIELAB lab*

lab*lab 0.0 0.0 0.0

lab*lab 0.0 0.0 0.0

lab*lab 0.0 0.0 0.0

relative Natural Colour (NC)

lab*lab 0.0 0.0 0.0

lab*lab 0.0 0.0 0.0

lab*lab 0.0 0.0 0.0

relative Inform. Technology (IT)

olvi3* 0.0 0.0 0.0 (1.0)

olvi4* 0.0 0.0 0.0 (0.0)

olvi5* 1.0 1.0 1.0 (1.0)

olvi6* 0.0 0.0 0.0 (0.0)

olvi7* 0.0 0.0 0.0 (0.0)

standard and adapted CIELAB

LAB*LAB 0.01 0.01

LAB*LABa 0.01 0.01

LAB*LABb 0.01 0.01

relative CIELAB lab*

lab*lab 0.0 0.0 0.0

lab*lab 0.0 0.0 0.0

lab*lab 0.0 0.0 0.0

relative Natural Colour (NC)

lab*lab 0.0 0.0 0.0

lab*lab 0.0 0.0 0.0

lab*lab 0.0 0.0 0.0

MRS18a; adaptierte CIELAB-Daten

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

%Regularität

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

relative Inform. Technology (IT)

olvi3* 0.5 0.5 0.5 (1.0)

olvi4* 0.5 0.5 0.5 (0.0)

olvi5* 1.0 1.0 1.0 (1.0)

olvi6* 0.0 0.0 0.0 (0.0)

olvi7* 0.0 0.0 0.0 (0.0)

standard and adapted CIELAB

LAB*LAB 67.55 0.74 -24.71

LAB*LABa 67.55 0.74 -24.71

LAB*LABb 67.55 0.74 -24.71

relative CIELAB lab*

lab*lab 0.64 0.014 -0.499

lab*lab 0.64 0.014 -0.499

lab*lab 0.0 0.5 0.755

relative Natural Colour (NC)

lab*lab 0.64 0.014 -0.499

lab*lab 0.64 0.014 -0.499

lab*lab 0.0 0.5 0.755

relative Inform. Technology (IT)

olvi3* 0.25 0.25 0.25 (1.0)

olvi4* 0.75 0.75 0.75 (0.0)

olvi5* 1.0 1.0 1.0 (1.0)

olvi6* 0.0 0.0 0.0 (0.0)

olvi7* 0.0 0.0 0.0 (0.0)

standard and adapted CIELAB

LAB*LAB 48.21 0.77 -24.71

LAB*LABa 48.21 0.77 -24.71

LAB*LABb 48.21 0.77 -24.71

relative CIELAB lab*

lab*lab 0.39 0.014 -0.499

lab*lab 0.39 0.014 -0.499

lab*lab 0.0 0.5 0.755

relative Natural Colour (NC)

lab*lab 0.39 0.014 -0.499

lab*lab 0.39 0.014 -0.499

lab*lab 0.0 0.5 0.755

relative Inform. Technology (IT)

olvi3* 0.0 0.0 0.0 (1.0)

olvi4* 0.0 0.0 0.0 (0.0)

olvi5* 1.0 1.0 1.0 (1.0)

olvi6* 0.0 0.0 0.0 (0.0)

olvi7* 0.0 0.0 0.0 (0.0)

standard and adapted CIELAB

LAB*LAB 28.86 0.79 -24.71

LAB*LABa 28.86 0.79 -24.71

LAB*LABb 28.86 0.79 -24.71

relative CIELAB lab*

lab*lab 0.14 0.014 -0.499

lab*lab 0.14 0.014 -0.499

lab*lab 0.0 0.5 0.755

relative Natural Colour (NC)

lab*lab 0.14 0.014 -0.499

lab*lab 0.14 0.014 -0.499

lab*lab 0.0 0.5 0.755

relative Inform. Technology (IT)

olvi3* 0.0 0.0 0.0 (1.0)

olvi4* 0.0 0.0 0.0 (0.0)

olvi5* 1.0 1.0 1.0 (1.0)

olvi6* 0.0 0.0 0.0 (0.0)

olvi7* 0.0 0.0 0.0 (0.0)

standard and adapted CIELAB

LAB*LAB 0.07 0.007 -0.249

LAB*LABa 0.07 0.007 -0.249

LAB*LABb 0.07 0.007 -0.249

relative CIELAB lab*

lab*lab 0.125 0.25 0.755

lab*lab 0.125 0.25 0.755

lab*lab 0.0 0.5 0.755

relative Natural Colour (NC)

lab*lab 0.125 0.25 0.755

lab*lab 0.125 0.25 0.755

lab*lab 0.0 0.5 0.755

relative Inform. Technology (IT)

olvi3* 0.0 0.0 0.0 (1.0)

olvi4* 0.0 0.0 0.0 (0.0)

olvi5* 1.0 1.0 1.0 (1.0)

olvi6* 0.0 0.0 0.0 (0.0)

olvi7* 0.0 0.0 0.0 (0.0)

standard and adapted CIELAB

LAB*LAB 0.01 0.01

LAB*LABa 0.01 0.01

LAB*LABb 0.01 0.01

relative CIELAB lab*

lab*lab 0.0 0.0 0.0

lab*lab 0.0 0.0 0.0

lab*lab 0.0 0.0 0.0

relative Natural Colour (NC)

lab*lab 0.0 0.0 0.0

lab*lab 0.0 0.0 0.0

lab*lab 0.0 0.0 0.0

relative Inform. Technology (IT)

olvi3* 0.25 0.25 0.25 (1.0)

olvi4* 0.75 0.75 0.75 (0.0)

olvi5* 1.0 1.0 1.0 (1.0)

olvi6* 0.0 0.0 0.0 (0.0)

olvi7* 0.0 0.0 0.0 (0.0)

standard and adapted CIELAB

LAB*LAB 35.63 1.11 -37.07

LAB*LABa 35.63 1.11 -37.07

LAB*LABb 35.63 1.11 -37.07

relative CIELAB lab*

lab*lab 0.46 0.021 -0.749

lab*lab 0.46 0.021 -0.749

lab*lab 0.0 0.5 0.755

relative Natural Colour (NC)

lab*lab 0.46 0.021 -0.749

lab*lab 0.46 0.021 -0.749

lab*lab 0.0 0.5 0.755

relative Inform. Technology (IT)

olvi3* 0.0 0.0 0.0 (1.0)

olvi4* 0.0 0.0 0.0 (0.0)

olvi5* 1.0 1.0 1.0 (1.0)

olvi6* 0.0 0.0 0.0 (0.0)

olvi7* 0.0 0.0 0.0 (0.0)

standard and adapted CIELAB

LAB*LAB 39.71 1.49 -49.43

LAB*LABa 39.71 1.49 -49.43

LAB*LABb 39.71 1.49 -49.43

relative CIELAB lab*

lab*lab 0.28 0.029 -0.998

lab*lab 0.28 0.029 -0.998

lab*lab 0.0 0.5 0.755

relative Natural Colour (NC)

lab*lab 0.28 0.029 -0.998

lab*lab 0.28 0.029 -0.998

lab*lab 0.0 0.5 0.755

relative Inform. Technology (IT)

olvi3* 0.25 0.25 0.25 (1.0)

olvi4* 0.75 0.75 0.75 (0.0)

olvi5* 1.0 1.0 1.0 (1.0)

olvi6* 0.0 0.0 0.0 (0.0)

olvi7* 0.0 0.0 0.0 (0.0)

standard and adapted CIELAB

LAB*LAB 37.51 37.12 271.64

LAB*LABa 37.51 37.12 271.64

LAB*LABb 37.51 37.12 271.64

relative CIELAB lab*

lab*lab 0.21 0.021 -0.749

lab*lab 0.21 0.021 -0.749

lab*lab 0.0 0.5 0.755

relative Natural Colour (NC)

lab*lab 0.21 0.021 -0.749

lab*lab 0.21 0.021 -0.749

lab*lab 0.0 0.5 0.755

relative Inform. Technology (IT)

olvi3* 0.0 0.0 0.0 (1.0)

olvi4* 0.0 0.0 0.0 (0.0)

olvi5* 1.0 1.0 1.0 (1.0)

olvi6* 0.0 0.0 0.0 (0.0)

olvi7* 0.0 0.0 0.0 (0.0)

standard and adapted CIELAB

LAB*LAB 0.21 0.021 -0.749

LAB*LABa 0.21 0.021 -0.749

LAB*LABb 0.21 0.021 -0.749

relative CIELAB lab*

lab*lab 0.0 0.0 0.0

lab*lab 0.0 0.0 0.0

lab*lab 0.0 0.0 0.0

relative Natural Colour (NC)

lab*lab 0.0 0.0 0.0

lab*lab 0.0 0.0 0.0

lab*lab 0.0 0.0 0.0

relative Inform. Technology (IT)

olvi3* 0.0 0.0 0.0 (1.0)

olvi4* 0.0 0.0 0.0 (0.0)

olvi5* 1.0 1.0 1.0 (1.0)

olvi6* 0.0 0.0 0.0 (0.0)

olvi7* 0.0 0.0 0.0 (0.0)

standard and adapted CIELAB

LAB*LAB 0.01 0.01

LAB*LABa 0.01 0.01

LAB*LABb 0.01 0.01

relative CIELAB lab*

lab*lab 0.0 0.0 0.0

lab*lab 0.0 0.0 0.0

lab*lab 0.0 0.0 0.0

relative Natural Colour (NC)

lab*lab 0.0 0.0 0.0

lab*lab 0.0 0.0 0.0

lab*lab 0.0 0.0 0.0

 $n^* = 0.00$ $n^* = 0.25$ $n^* = 0.50$ $n^* = 0.75$ $n^* = 1.00$ $n^* = 1.25$ $n^* = 1.50$ $n^* = 1.75$ $n^* = 2.00$ $n^* = 2.25$ $n^* = 2.50$ $n^* = 2.75$ $n^* = 3.00$ $n^* = 3.25$ $n^* = 3.50$ $n^* = 3.75$ $n^* = 4.00$ $n^* = 4.25$ $n^* = 4.50$ $n^* = 4.75$ $n^* = 5.00$ $n^* = 5.25$ $n^* = 5.50$ $n^* = 5.75$ $n^* = 6.00$ $n^* = 6.25$ $n^* = 6.50$ $n^* = 6.75$ $n^* = 7.00$ $n^* = 7.25$ $n^* = 7.50$ $n^* = 7.75$ $n^* = 8.00$ $n^* = 8.25$ $n^* = 8.50$ $n^* = 8.75$ $n^* = 9.00$ $n^* = 9.25$ $n^* = 9.50$ $n^* = 9.75$ $n^* = 10.00$ $n^* = 10.25$ $n^* = 10.50$ $n^* = 10.75$ $n^* = 11.00$ $n^* = 11.25$ $n^* = 11.50$ $n^* = 11.75$ $n^* = 12.00$ $n^* = 12.25$ $n^* = 12.50$ $n^* = 12.75$ $n^* = 13.00$ $n^* = 13.25$ $n^* = 13.50$ $n^* = 13.75$ $n^* = 14.00$ $n^* = 14.25$ $n^* = 14.50$ $n^* = 14.75$ $n^* = 15.00$ $n^* = 15.25$ $n^* = 15.50$ $n^* = 15.75$ $n^* = 16.00$ $n^* = 16.25$ $n^* = 16.50$ $n^* = 16.75$ $n^* = 17.00$ $n^* = 17.25$ $n^* = 17.50$ $n^* = 17.75$ $n^* = 18.00$ $n^* = 18.25$ $n^* = 18.50$ $n^* = 18.75$ $n^* = 19.00$ $n^* = 19.25$ $n^* = 19.50$ $n^* = 19.75$