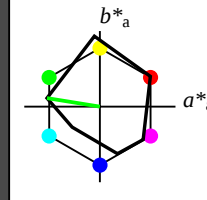


Eingabe: Farbmetrisches Reflexions-System MRS18a

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^*



$u^*_{rel} = 92$

relative Inform. Technology (IT)

olvi3*	1.0	1.0	1.0	(1.0)
cmyn3*	0.0	0.0	0.0	(0.0)
olvi4*	1.0	1.0	1.0	(1.0)
cmyn4*	0.0	0.0	0.0	(0.0)
LAB*LAB	95.41	0.01	0.0	
LAB*LABa	95.41	0.01	0.0	
LAB*LABb	99.99	0.01	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	-17.45	2.82	
LAB*LABa	84.58	-17.45	2.82	
LAB*LABb	97.5	17.96	150.91	

relative Inform. Technology (IT)

olvi3*	0.5	1.0	0.5	(1.0)
cmyn3*	0.5	0.0	0.5	(0.0)
olvi4*	0.5	1.0	0.5	(1.0)
cmyn4*	0.5	0.0	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	

relative Inform. Technology (IT)

olvi3*	0.25	1.0	0.25	(1.0)
cmyn3*	0.25	0.0	0.25	(0.0)
olvi4*	0.25	1.0	0.25	(1.0)
cmyn4*	0.25	0.0	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	

relative Inform. Technology (IT)

olvi3*	0.0	1.0	0.0	(1.0)
cmyn3*	0.0	0.0	0.0	(0.0)
olvi4*	0.0	1.0	0.0	(1.0)
cmyn4*	0.0	0.0	0.0	(0.0)
LAB*LAB	52.11	-69.86	11.28	
LAB*LABa	52.11	-69.86	11.28	
LAB*LABb	50.0	70.83	170.85	

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

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

$g^*_{C,rel} = 17$

relative Inform. Technology (IT)

olvi3*	0.75	0.5	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	0.03	0.0	
LAB*LABa	76.06	0.03	0.0	
LAB*LABb	75.0	0.01	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	-17.45	2.82	
LAB*LABa	84.58	-17.45	2.82	
LAB*LABb	97.5	17.96	150.91	

relative Inform. Technology (IT)

olvi3*	0.5	1.0	0.5	(1.0)
cmyn3*	0.5	0.0	0.5	(0.0)
olvi4*	0.5	1.0	0.5	(1.0)
cmyn4*	0.5	0.0	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	

relative Inform. Technology (IT)

olvi3*	0.25	1.0	0.25	(1.0)
cmyn3*	0.25	0.0	0.25	(0.0)
olvi4*	0.25	1.0	0.25	(1.0)
cmyn4*	0.25	0.0	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	

relative Inform. Technology (IT)

olvi3*	0.0	1.0	0.0	(1.0)
cmyn3*	0.0	0.0	0.0	(0.0)
olvi4*	0.0	1.0	0.0	(1.0)
cmyn4*	0.0	0.0	0.0	(0.0)
LAB*LAB	52.11	-69.86	11.28	
LAB*LABa	52.11	-69.86	11.28	
LAB*LABb	50.0	70.83	170.85	

1.00

0.75

$n^* = 0.00$

0.25

0.00

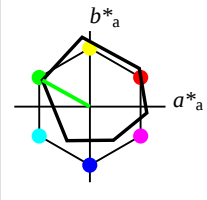
relative Buntheit c^*

Ausgabe: Farbmetrisches Reflexions-System ORS18

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

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

Dreiecks-Helligkeit t^*



$u^*_{rel} = 93$

relative Inform. Technology (IT)

olvi3*	1.0	1.0	1.0	(1.0)
cmyn3*	0.0	0.0	0.0	(0.0)
olvi4*	1.0	1.0	1.0	(1.0)
cmyn4*	0.0	0.0	0.0	(0.0)
LAB*LAB	95.41	-0.97	4.75	
LAB*LABa	95.41	-0.97	4.75	
LAB*LABb	99.99	0.01	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	84.28	-16.45	12.74	
LAB*LABa	84.28	-16.45	12.74	
LAB*LABb	87.5	17.96	150.91	

relative Inform. Technology (IT)

olvi3*	0.5	1.0	0.5	(1.0)
cmyn3*	0.5	0.0	0.5	(0.0)
olvi4*	0.5	1.0	0.5	(1.0)
cmyn4*	0.5	0.0	0.5	(0.0)
LAB*LAB	73.15	-31.94	20.73	
LAB*LABa	73.15	-31.94	20.73	
LAB*LABb	75.0	35.93	150.91	

relative Inform. Technology (IT)

olvi3*	0.25	1.0	0.25	(1.0)
cmyn3*	0.25	0.0	0.25	(0.0)
olvi4*	0.25	1.0	0.25	(1.0)
cmyn4*	0.25	0.0	0.25	(0.0)
LAB*LAB	62.02	-47.43	28.71	
LAB*LABa	62.02	-47.43	28.71	
LAB*LABb	62.5	53.9	150.91	

relative Inform. Technology (IT)

olvi3*	0.0	1.0	0.0	(1.0)
cmyn3*	0.0	0.0	0.0	(0.0)
olvi4*	0.0	1.0	0.0	(1.0)
cmyn4*	0.0	0.0	0.0	(0.0)
LAB*LAB	50.9	-62.91	36.69	
LAB*LABa	50.9	-62.91	36.69	
LAB*LABb	50.0	71.86	150.91	

%Regularität

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

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

relative Inform. Technology (IT)

olvi3*	0.75	0.5	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	-0.6	3.44	
LAB*LABb	75.0	0.01	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	84.28	-16.45	12.74	
LAB*LABa	84.28	-16.45	12.74	
LAB*LABb	87.5	17.96	150.91	

relative Inform. Technology (IT)

olvi3*	0.5	1.0	0.5	(1.0)
cmyn3*	0.5	0.0	0.5	(0.0)
olvi4*	0.5	1.0	0.5	(1.0)
cmyn4*	0.5	0.0	0.5	(0.0)
LAB*LAB	73.15	-31.94	20.73	
LAB*LABa	73.15	-31.94	20.73	
LAB*LABb	75.0	35.93	150.91	

relative Inform. Technology (IT)

olvi3*	0.25	1.0	0.25	(1.0)
cmyn3*	0.25	0.0	0.25	(0.0)
olvi4*	0.25	1.0	0.25	(1.0)
cmyn4*	0.25	0.0	0.25	(0.0)
LAB*LAB	62.02	-47.43	28.71	
LAB*LABa	62.02	-47.43	28.71	
LAB*LABb	62.5	53.9	150.91	

relative Inform. Technology (IT)

olvi3*	0.0	1.0	0.0	(1.0)
cmyn3*	0.0	0.0	0.0	(0.0)
olvi4*	0.0	1.0	0.0	(1.0)
cmyn4*	0.0	0.0	0.0	(0.0)
LAB*LAB	50.9	-62.91	36.69	
LAB*LABa	50.9	-62.91	36.69	
LAB*LABb	50.0	71.86	150.91	

relative Inform. Technology (IT)

olvi3*	0.5	0.5	0.5	(1.0)
cmyn3*	0.5	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	-0.6	3.44	
LAB*LABb	75.0	0.01	0.0	

relative Inform. Technology (IT)

olvi3*	0.5	1.0	0.5	(1.0)
cmyn3*	0.5	0.0	0.5	(0.0)
olvi4*	0.5	1.0	0.5	(1.0)
cmyn4*	0.5	0.0	0.5	(0.0)
LAB*LAB	73.15	-31.94	20.73	
LAB*LABa	73.15	-31.94	20.73	
LAB*LABb	75.0	35.93	150.91	

relative Inform. Technology (IT)

olvi3*	0.25	1.0	0.25	(1.0)
cmyn3*	0.25	0.0	0.25	(0.0)
olvi4*	0.25	1.0	0.25	(1.0)
cmyn4*	0.25	0.0	0.25	(0.0)
LAB*LAB	62.02	-47.43	28.71	
LAB*LABa	62.02	-47.43	28.71	
LAB*LABb	62.5	53.9	150.91	

relative Inform. Technology (IT)

olvi3*	0.0	1.0	0.0	(1.0)
cmyn3*	0.0	0.0	0.0	(0.0)
olvi4*	0.0	1.0	0.0	(1.0)
cmyn4*	0.0	0.0	0.0	(0.0)
LAB*LAB	50.9	-62.91	36.69	
LAB*LABa	50.9	-62.91	36.69	
LAB*LABb	50.0	71.86	150.91	

relative Inform. Technology (IT)

olvi3*	0.25	0.5	0.25	(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	-0.6	3.44	
LAB*LABb	75.0	0.01	0.0	

relative Inform. Technology (IT)

olvi3*	0.25	1.0	0.25	(1.0)
cmyn3*	0.25	0.0	0.25	(0.0)
olvi4*	0.25	1.0	0.25	(1.0)
cmyn4*	0.25	0.0	0.25	(0.0)
LAB*LAB	84.28	-16.45	12.74	
LAB*LABa	84.28	-16.45	12.74	
LAB*LABb	87.5	17.96	150.91	

relative Inform. Technology (IT)

olvi3*	0.5	1.0	0.5	(1.0)
cmyn3*	0.5	0.0	0.5	(0.0)
olvi4*	0.5	1.0	0.5	(1.0)
cmyn4*	0.5	0.0	0.5	(0.0)
LAB*LAB	73.15	-31.94	20.73	
LAB*LABa	73.15	-31.94	20.73	
LAB*LABb	75.0	35.93	150.91	

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
standard and adapted CIELAB				
LAB*LAB	62.02	-47.43	28.71	
LAB*LABa	62.02	-47.09	26.21	
LAB*LABb				

Eingabe: Farbmetrisches Reflexions-System MRS18a

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

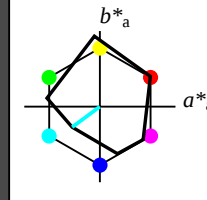
lab^*ch und lab^*nch

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)
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*ch	0.0	0.0	0.0
lab*nch	0.0	0.0	0.0

relative Natural Colour (NC)

lab*trj	1.0	0.0	0.0
lab*trc	0.0	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	0.03	0.0	
LAB*LABa	76.06	0.03	0.0	
LAB*LABb	75.00	0.01	0.0	

standard and adapted CIELAB

LAB*LAB	76.06	0.03	0.0
LAB*LABa	76.06	0.03	0.0
LAB*LABb	75.00	0.01	0.0

relative CIELAB lab*

lab*lab	0.75	0.0	0.0
lab*ch	0.0	0.0	0.0
lab*nch	0.0	0.0	0.0

relative Natural Colour (NC)

lab*trj	0.75	0.0	0.0
lab*trc	0.0	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	0.05	0.0	
LAB*LABa	56.71	0.05	0.0	
LAB*LABb	50.00	0.01	0.0	

standard and adapted CIELAB

LAB*LAB	56.71	0.05	0.0
LAB*LABa	56.71	0.05	0.0
LAB*LABb	50.00	0.01	0.0

relative CIELAB lab*

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

relative Natural Colour (NC)

lab*trj	0.5	0.0	0.0
lab*trc	0.0	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	0.08	0.01	
LAB*LABa	37.36	0.08	0.01	
LAB*LABb	25.00	0.01	0.0	

standard and adapted CIELAB

LAB*LAB	37.36	0.08	0.01
LAB*LABa	37.36	0.08	0.01
LAB*LABb	25.00	0.01	0.0

relative CIELAB lab*

lab*lab	0.25	0.0	0.0
lab*ch	0.0	0.0	0.0
lab*nch	0.0	0.0	0.0

relative Natural Colour (NC)

lab*trj	0.25	0.0	0.0
lab*trc	0.0	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	0.02	0.0	
LAB*LABa	18.02	0.02	0.0	
LAB*LABb	0.01	0.01	0.0	

standard and adapted CIELAB

LAB*LAB	18.02	0.02	0.0
LAB*LABa	18.02	0.02	0.0
LAB*LABb	0.01	0.01	0.0

relative CIELAB lab*

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

relative Natural Colour (NC)

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

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	0.02	0.0	
LAB*LABa	18.02	0.02	0.0	
LAB*LABb	0.01	0.01	0.0	

standard and adapted CIELAB

LAB*LAB	18.02	0.02	0.0
LAB*LABa	18.02	0.02	0.0
LAB*LABb	0.01	0.01	0.0

relative CIELAB lab*

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

relative Natural Colour (NC)

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

MRS18a; adaptierte CIELAB-Daten

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

%Regularität

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

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

relative Inform. Technology (IT)

olvi3*	0.5	0.5	0.5	(1.0)
cmyn3*	0.5	0.5	0.5	(0.0)
olvi4*	1.0	1.0	1.0	(1.0)
cmyn4*	0.0	0.0	0.0	(0.0)
LAB*LAB	70.21	-18.28	-13.55	
LAB*LABa	70.21	-18.31	-13.56	
LAB*LABb	75.00	22.8	216.52	

standard and adapted CIELAB

LAB*LAB	70.21	-18.28	-13.55
LAB*LABa	70.21	-18.31	-13.56
LAB*LABb	75.00	22.8	216.52

relative CIELAB lab*

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

relative Natural Colour (NC)

lab*trj	0.5	0.0	0.0
lab*trc	0.0	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	57.62	-27.43	-20.33	
LAB*LABa	57.62	-27.48	-20.34	
LAB*LABb	62.5	34.2	216.52	

standard and adapted CIELAB

LAB*LAB	57.62	-27.43	-20.33
LAB*LABa	57.62	-27.48	-20.34
LAB*LABb	62.5	34.2	216.52

relative CIELAB lab*

lab*lab	0.25	0.0	0.0
lab*ch	0.0	0.0	0.0
lab*nch	0.0	0.0	0.0

relative Natural Colour (NC)

lab*trj	0.25	0.0	0.0
lab*trc	0.0	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	45.03	-36.57	-27.11	
LAB*LABa	45.03	-36.64	-27.13	
LAB*LABb	50.00	45.6	216.52	

standard and adapted CIELAB

LAB*LAB	45.03	-36.57	-27.11
LAB*LABa	45.03	-36.64	-27.13
LAB*LABb	50.00	45.6	216.52

relative CIELAB lab*

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

relative Natural Colour (NC)

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

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	38.28	-27.41	-20.32	
LAB*LABa	38.28	-27.48	-20.34	
LAB*LABb	37.51	34.2	216.52	

standard and adapted CIELAB

LAB*LAB	38.28	-27.41	-20.32
LAB*LABa	38.28	-27.48	-20.34
LAB*LABb	37.51	34.2	216.52

relative CIELAB lab*

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

relative Natural Colour (NC)

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

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	31.52	-18.33	-13.56	
LAB*LABa	31.52	-18.31	-13.56	
LAB*LABb	25.01	22.8	216.52	

standard and adapted CIELAB

LAB*LAB	31.52	-18.33	-13.56
LAB*LABa	31.52	-18.31	-13.56
LAB*LABb	25.01	22.8	216.52

relative CIELAB lab*

lab*lab	0.25	0.0	0.0
lab*ch	0.0	0.0	0.0
lab*nch	0.0	0.0	0.0

relative Natural Colour (NC)

lab*trj	0.25	0.0	0.0
lab*trc	0.0	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	24.77	-9.15	-6.77	
LAB*LABa	24.77	-9.15	-6.77	
LAB*LABb	12.5	11.4	216.52	

standard and adapted CIELAB

LAB*LAB	24.77	-9.15	-6.77
LAB*LABa	24.77	-9.15	-6.77
LAB*LABb	12.5	11.4	216.52

relative CIELAB lab*

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

relative Natural Colour (NC)

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

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	0.02	0.0	
LAB*LABa	18.02	0.02	0.0	
LAB*LABb	0.01	0.01	0.0	

standard and adapted CIELAB

LAB*LAB	18.02	0.02	0.0
LAB*LABa	18.02	0.02	0.0
LAB*LABb	0.01	0.01	0.0

relative CIELAB lab*

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

relative Natural Colour (NC)

lab*trj	0.0	0.0	0.0
lab*trc	0.0	0	

Eingabe: Farbmetrisches Reflexions-System MRS18a

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

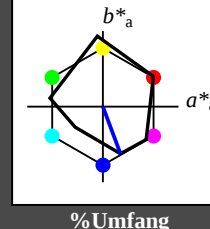
lab^*ch und lab^*nch

D65: Buntton B

LCH*Ma: 37 66 290

rgb*Ma: 0.0 0.0 1.0

Dreiecks-Helligkeit t^*



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)
cmyn3*	0.0	0.0	0.0	(0.0)
olvi4*	1.0	1.0	1.0	(1.0)
cmyn4*	0.0	0.0	0.0	(0.0)

standard and adapted CIELAB

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

relative CIELAB lab*

lab*lab	1.0	0.0	0.0
lab*labch	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*	0.75	0.75	0.75	(1.0)
cmyn4*	0.25	0.25	0.25	(0.0)

standard and adapted CIELAB

LAB*LAB	80.72	5.84	-15.55
LAB*LABa	80.72	5.81	-15.55
LAB*LABb	97.5	16.61	290.48

relative CIELAB lab*

lab*lab	0.81	0.087	-0.233
lab*labch	0.875	0.25	0.807
lab*nch	0.0	0.25	0.807

relative Natural Colour (NC)

lab*trj	0.81	0.084	-0.241
lab*trc	0.875	0.25	0.791
lab*ncc	0.0	0.25	0.791

relative Inform. Technology (IT)

olvi3*	0.5	0.5	0.5	(1.0)
cmyn3*	0.5	0.5	0.5	(0.0)
olvi4*	0.5	0.5	0.5	(1.0)
cmyn4*	0.5	0.5	0.5	(0.0)

standard and adapted CIELAB

LAB*LAB	66.03	11.67	-31.12
LAB*LABa	66.03	11.63	-31.13
LAB*LABb	75.0	33.24	290.48

relative CIELAB lab*

lab*lab	0.62	0.175	-0.467
lab*labch	0.75	0.5	0.807
lab*nch	0.0	0.5	0.807

relative Natural Colour (NC)

lab*trj	0.62	0.128	-0.482
lab*trc	0.75	0.5	0.791
lab*ncc	0.0	0.5	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*	0.25	0.25	0.25	(1.0)
cmyn4*	0.75	0.75	0.75	(0.0)

standard and adapted CIELAB

LAB*LAB	51.34	17.5	-46.68
LAB*LABa	51.34	17.44	-46.7
LAB*LABb	62.5	49.86	290.48

relative CIELAB lab*

lab*lab	0.431	0.262	-0.702
lab*labch	0.625	0.75	0.807
lab*nch	0.0	0.75	0.807

relative Natural Colour (NC)

lab*trj	0.431	0.193	-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	1.0	(1.0)
cmyn3*	1.0	1.0	0.0	(0.0)
olvi4*	0.0	0.0	1.0	(1.0)
cmyn4*	1.0	1.0	0.0	(0.0)

standard and adapted CIELAB

LAB*LAB	36.65	23.25	-62.26
LAB*LABa	36.65	23.25	-62.26
LAB*LABb	50.0	66.47	290.48

relative CIELAB lab*

lab*lab	0.241	0.35	-0.936
lab*labch	0.5	1.0	0.807
lab*nch	0.0	1.0	0.807

relative Natural Colour (NC)

lab*trj	0.241	0.257	-0.965
lab*trc	0.5	1.0	0.791
lab*ncc	0.0	1.0	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*	1.0	1.0	1.0	(1.0)
cmyn4*	0.5	0.5	0.5	(0.0)

standard and adapted CIELAB

LAB*LAB	56.71	0.23	21.4
LAB*LABa	56.71	0.23	21.4
LAB*LABb	50.0	0.01	0.0

relative CIELAB lab*

lab*lab	0.5	0.0	0.0
lab*labch	0.5	0.0	0.0
lab*nch	0.0	0.0	0.0

relative Natural Colour (NC)

lab*trj	0.5	0.0	0.0
lab*trc	0.5	0.0	0.0
lab*ncc	0.0	0.0	0.0

relative Inform. Technology (IT)

olvi3*	0.25	0.25	0.25	(1.0)
cmyn3*	0.75	0.75	0.75	(0.0)
olvi4*	0.25	0.25	0.25	(1.0)
cmyn4*	0.75	0.75	0.75	(0.0)

standard and adapted CIELAB

LAB*LAB	39.28	7.87	-10.13
LAB*LABa	39.28	7.87	-10.13
LAB*LABb	37.5	13.56	305.0

relative CIELAB lab*

lab*lab	0.25	0.143	-0.204
lab*labch	0.375	0.25	0.847
lab*nch	0.0	0.25	0.847

relative Natural Colour (NC)

lab*trj	0.25	0.112	-0.222
lab*trc	0.375	0.25	0.824
lab*ncc	0.0	0.25	0.824

relative Inform. Technology (IT)

olvi3*	0.0	0.0	0.5	(1.0)
cmyn3*	0.75	0.75	0.5	(0.0)
olvi4*	0.75	0.75	0.5	(1.0)
cmyn4*	0.75	0.75	0.5	(0.0)

standard and adapted CIELAB

LAB*LAB	41.21	15.61	-21.1
LAB*LABa	41.21	15.55	-22.21
LAB*LABb	50.0	27.12	305.0

relative CIELAB lab*

lab*lab	0.5	0.287	-0.408
lab*labch	0.75	0.5	0.847
lab*nch	0.0	0.5	0.847

relative Natural Colour (NC)

lab*trj	0.5	0.225	-0.446
lab*trc	0.75	0.5	0.824
lab*ncc	0.0	0.5	0.824

relative Inform. Technology (IT)

olvi3*	0.0	0.0	0.5	(1.0)
cmyn3*	0.75	0.75	0.5	(0.0)
olvi4*	0.75	0.75	0.5	(1.0)
cmyn4*	0.75	0.75	0.5	(0.0)

standard and adapted CIELAB

LAB*LAB	41.21	15.61	-21.1
LAB*LABa	41.21	15.55	-22.21
LAB*LABb	50.0	27.12	305.0

relative CIELAB lab*

lab*lab	0.5	0.287	-0.408
lab*labch	0.75	0.5	0.847
lab*nch	0.0	0.5	0.847

relative Natural Colour (NC)

lab*trj	0.5	0.225	-0.446
lab*trc	0.75	0.5	0.824
lab*ncc	0.0	0.5	0.824

relative Inform. Technology (IT)

olvi3*	0.0	0.0	0.5	(1.0)
cmyn3*	1.0	1.0	0.0	(0.0)
olvi4*	0.0	0.0	1.0	(1.0)
cmyn4*	1.0	1.0	0.0	(0.0)

standard and adapted CIELAB

LAB*LAB	25.72	31.46	-44.36
LAB*LABa	25.72	31.1	-44.41
LAB*LABb	50.0	54.23	305.0

relative CIELAB lab*

lab*lab	0.1	0.573	-0.818
lab*labch	0.5	1.0	0.847
lab*nch	0.0	1.0	0.847

relative Natural Colour (NC)

lab*trj	0.1	0.449	-0.892
lab*trc	0.5	1.0	0.824
lab*ncc	0.0	1.0	0.824

relative Inform. Technology (IT)

olvi3*	0.75	0.75	0.75	(1.0)
cmyn3*	0.25	0.25	0.25	(0.0)
olvi4*	1.0	1.0	1.0	(1.0)
cmyn4*	0.0	0.0	0.0	(0.0)

standard and adapted CIELAB

LAB*LAB	76.06	0.03	0.0
LAB*LABa	76.06	0.0	0.0
LAB*LABb	75.0	0.01	0.0

relative CIELAB lab*

lab*lab	0.75	0.0	0.0
lab*labch	0.75	0.0	0.0
lab*nch	0.0	0.0	0.0

relative Natural Colour (NC)

lab*trj	0.75	0.0	0.0
lab*trc	0.75	0.0	0.0
lab*ncc	0.0	0.0	0.0

relative Inform. Technology (IT)

olvi3*	0.5	0.5	0.5	(1.0)
cmyn3*	0.5	0.5	0.5	(0.0)
olvi4*	1.0	1.0	1.0	(1.0)
cmyn4*	0.0	0.0	0.0	(0.0)

standard and adapted CIELAB

LAB*LAB	56.71	0.05	0.0
LAB*LABa	56.71	0.0	0.0
LAB*LABb	50.0	0.01	0.0

relative CIELAB lab*

lab*lab	0.5	0.0	0.0
lab*labch	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	0.25	(0.0)
olvi4*	0.5	0.5	1.0	(1.0)
cmyn4*	0.5	0.5	0.5	(0.0)

standard and adapted CIELAB

LAB*LAB	46.68	11.69	-31.11
LAB*LABa	46.68	11.63	-31.13
LAB*LABb	50.0	33.24	290.48

relative CIELAB lab*

lab*lab	0.37	0.175	-0.467
lab*labch	0.5	0.5	0.807
lab*nch	0.0	0.5	0.807

relative Natural Colour (NC)

lab*trj	0.37	0.129	-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	0.5	(1.0)
cmyn3*	1.0	1.0	0.0	(0.0)
olvi4*	0.0	0.0	0.5	(1.0)
cmyn4*	1.0	1.0	0.0	(0.0)

standard and adapted CIELAB

LAB*LAB	32.0	17.52	-46.67
LAB*LABa	32.0	17.44	-46.7
LAB*LABb	37.51	49.86	290.48

relative CIELAB lab*

lab*lab	0.181	0.262	-0.702
lab*labch	0.375	0.75	0.807
lab*nch	0.0	0.75	0.807

relative Natural Colour (NC)

lab*trj	0.181	0.193	-0.724
lab*trc	0.375	0.75	0.791
lab*ncc	0.0	0.75	0.791

relative Inform. Technology (IT)

olvi3*	0.25	0.25	0.25	(1.0)
cmyn3*	0.75	0.75	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	15.98	0.13	0.8
LAB*LABa	15.98	0.13	0.8
LAB*LABb	37.36	0.01	0.0

relative CIELAB lab*

lab*lab	0.25	0.0	0.0
lab*labch	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	0.5	(1.0)
cmyn3*	0.75	0.75	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	19.94	0.24	11.43
LAB*LABa	19.94	0.24	11.43
LAB*LABb	12.5	13.55	305.0

relative CIELAB lab*

lab*lab	0.0	0.0	0.0
lab*labch	0.0	0.0	0.0
lab*nch	0.0	0.0	0.0

relative Natural Colour (NC)

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

relative Inform. Technology (IT)

olvi3*	0.0	0.0	0.5	(1.0)
cmyn3*	1.0	1.0	0.0	(0.0)
olvi4*	0.0	0.0	0.5	(1.0)
cmyn4*	1.0	1.0	0.0	(0.0)

standard and adapted CIELAB

LAB*LAB	18.02	0.5	0.46
LAB*LABa	18.02	0.5	0.46
LAB*LABb	18.02	0.01	0.0

relative CIELAB lab*

lab*lab	0.0	0.0	0.0
lab*labch	0.0	0.0	0.0
lab*nch	0.0	0.0	0.0

relative Natural Colour (NC)

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

relative Inform. Technology (IT)			
olvi3*	0.0	0.0	0.5 (1.0)
cmyn3*	1.0	1.0	0.0 (0.0)
olvi4*	0.0	0.0	0.5
hard and adapted CIELAB			
L*	21.82	15.08	22.4

Eingabe: Farbmetrisches Reflexions-System MRS18a

für Buntton $h^* = lab^*h = 323/360 = 0.896$

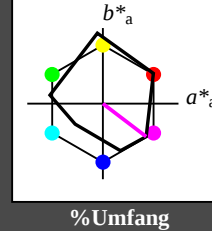
lab^*tch und lab^*nch

D65: Buntton B50R

LCH*Ma: 35 72 323

rgb*Ma: 1.0 0.0 1.0

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

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

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

Ausgabe: Farbmetrisches Reflexions-System ORS18

für Buntton $h^* = lab^*h = 354/360 = 0.982$

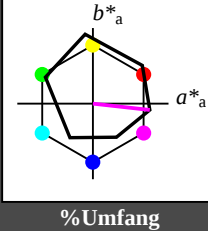
lab^*tch und lab^*nch

D65: Buntton M

LCH*Ma: 48 76 354

rgb*Ma: 1.0 0.0 1.0

Dreiecks-Helligkeit t^*



ORS18; adaptierte CIELAB-Daten

	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
OMa	47.94	65.37	50.52	82.62	38
YMa	90.37	-10.27	91.77	92.34	96
LMa	50.9	-62.79	34.95	71.87	151
CMa	58.62	-30.35	-45.01	54.3	236
VMa	25.71	31.11	-44.42	54.24	305
MMa	48.13	75.27	-8.35	75.73	354
NMa	18.01	0.0	0.0	0.0	0
WMa	95.41	0.0	0.0	0.0	0
RCIE	39.92	58.66	26.98	64.56	25
JCIE	81.26	-2.17	67.76	67.79	92
GCIE	52.23	-42.26	11.75	43.87	164
BCIE	30.57	1.15	-46.84	46.87	271

%Regularität

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

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

Siehe ähnliche Dateien: <http://www.ps.bam.de/UG56/>
Technische Information: <http://www.ps.bam.de> Version 2.1, io=0.1, CIEXYZ

BAM-Registrierung: 20060101-UG56/10S/S56G05FP.PS/.PDF BAM-Material: Code=rh4ta
Anwendung für Beurteilung und Messung von Drucker- oder Monitorssystemen, Yr=2.5, XYZ
/UG56/ Form 6/10, Serie: 1/1, Seite: 6
Scheinung 6

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

Eingabe: Farbmetrisches Reflexions-System MRS18a

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

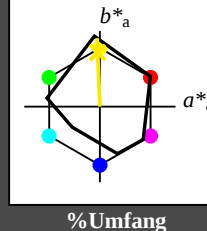
lab^*ch und lab^*nch

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
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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)
cmyn3*	0.0	0.0	0.0	(0.0)
olvi4*	1.0	1.0	1.0	(1.0)
cmyn4*	0.0	0.0	0.0	(0.0)

standard and adapted CIELAB

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

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

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	93.73	-0.91	22.65
LAB*LABa	93.73	-0.91	22.65
LAB*LABb	97.5	-0.92	22.65

relative CIELAB lab*

lab*lab	0.978	-0.009	0.25
lab*lab	0.978	-0.009	0.25
lab*lab	0.978	-0.009	0.25
lab*lab	0.978	-0.009	0.25

relative Natural Colour (NC)

lab*lab	0.978	-0.009	0.25
lab*lab	0.978	-0.009	0.25
lab*lab	0.978	-0.009	0.25
lab*lab	0.978	-0.009	0.25

relative Inform. Technology (IT)

olvi3*	1.0	0.976	0.5	(1.0)
cmyn3*	0.0	0.024	0.5	(0.0)
olvi4*	1.0	0.976	0.5	(1.0)
cmyn4*	0.0	0.024	0.5	(0.0)

standard and adapted CIELAB

LAB*LAB	92.06	-1.83	45.31
LAB*LABa	92.06	-1.83	45.31
LAB*LABb	92.06	-1.83	45.31

relative CIELAB lab*

lab*lab	0.957	-0.019	0.499
lab*lab	0.957	-0.019	0.499
lab*lab	0.957	-0.019	0.499
lab*lab	0.957	-0.019	0.499

relative Natural Colour (NC)

lab*lab	0.957	-0.019	0.499
lab*lab	0.957	-0.019	0.499
lab*lab	0.957	-0.019	0.499
lab*lab	0.957	-0.019	0.499

relative Inform. Technology (IT)

olvi3*	1.0	0.964	0.25	(1.0)
cmyn3*	0.0	0.036	0.25	(0.0)
olvi4*	1.0	0.964	0.25	(1.0)
cmyn4*	0.0	0.036	0.25	(0.0)

standard and adapted CIELAB

LAB*LAB	90.38	-2.75	67.96
LAB*LABa	90.38	-2.75	67.96
LAB*LABb	90.38	-2.75	67.96

relative CIELAB lab*

lab*lab	0.935	-0.03	0.749
lab*lab	0.935	-0.03	0.749
lab*lab	0.935	-0.03	0.749
lab*lab	0.935	-0.03	0.749

relative Natural Colour (NC)

lab*lab	0.935	-0.03	0.749
lab*lab	0.935	-0.03	0.749
lab*lab	0.935	-0.03	0.749
lab*lab	0.935	-0.03	0.749

relative Inform. Technology (IT)

olvi3*	1.0	0.952	0.0	(1.0)
cmyn3*	0.0	0.048	0.0	(0.0)
olvi4*	1.0	0.952	0.0	(1.0)
cmyn4*	0.0	0.048	0.0	(0.0)

standard and adapted CIELAB

LAB*LAB	88.71	-3.67	90.61
LAB*LABa	88.71	-3.67	90.61
LAB*LABb	88.71	-3.67	90.61

relative CIELAB lab*

lab*lab	0.913	-0.04	0.999
lab*lab	0.913	-0.04	0.999
lab*lab	0.913	-0.04	0.999
lab*lab	0.913	-0.04	0.999

relative Natural Colour (NC)

lab*lab	0.913	-0.04	0.999
lab*lab	0.913	-0.04	0.999
lab*lab	0.913	-0.04	0.999
lab*lab	0.913	-0.04	0.999

relative Inform. Technology (IT)

olvi3*	0.5	0.5	0.5	(1.0)
cmyn3*	0.5	0.5	0.5	(0.0)
olvi4*	1.0	1.0	1.0	(1.0)
cmyn4*	0.0	0.0	0.0	(0.0)

standard and adapted CIELAB

LAB*LAB	56.71	-0.23	21.4
LAB*LABa	56.71	-0.23	21.4
LAB*LABb	56.71	-0.23	21.4

relative CIELAB lab*

lab*lab	0.5	0.5	0.5
lab*lab	0.5	0.5	0.5
lab*lab	0.5	0.5	0.5
lab*lab	0.5	0.5	0.5

relative Natural Colour (NC)

lab*lab	0.5	0.5	0.5
lab*lab	0.5	0.5	0.5
lab*lab	0.5	0.5	0.5
lab*lab	0.5	0.5	0.5

relative Inform. Technology (IT)

olvi3*	0.5	0.5	0.5	(1.0)
cmyn3*	0.5	0.5	0.5	(0.0)
olvi4*	1.0	1.0	1.0	(1.0)
cmyn4*	0.0	0.0	0.0	(0.0)

standard and adapted CIELAB

LAB*LAB	54.4	-0.89	23.92
LAB*LABa	54.4	-0.89	23.92
LAB*LABb	54.4	-0.89	23.92

relative CIELAB lab*

lab*lab	0.47	-0.007	0.25
lab*lab	0.47	-0.007	0.25
lab*lab	0.47	-0.007	0.25
lab*lab	0.47	-0.007	0.25

relative Natural Colour (NC)

lab*lab	0.47	-0.007	0.25
lab*lab	0.47	-0.007	0.25
lab*lab	0.47	-0.007	0.25
lab*lab	0.47	-0.007	0.25

relative Inform. Technology (IT)

olvi3*	0.5	0.5	0.5	(1.0)
cmyn3*	0.5	0.5	0.5	(0.0)
olvi4*	1.0	1.0	1.0	(1.0)
cmyn4*	0.0	0.0	0.0	(0.0)

standard and adapted CIELAB

LAB*LAB	52.1	-1.4	43.85
LAB*LABa	52.1	-1.4	43.85
LAB*LABb	52.1	-1.4	43.85

relative CIELAB lab*

lab*lab	0.47	-0.007	0.25
lab*lab	0.47	-0.007	0.25
lab*lab	0.47	-0.007	0.25
lab*lab	0.47	-0.007	0.25

relative Natural Colour (NC)

lab*lab	0.47	-0.007	0.25
lab*lab	0.47	-0.007	0.25
lab*lab	0.47	-0.007	0.25
lab*lab	0.47	-0.007	0.25

relative Inform. Technology (IT)

olvi3*	0.5	0.5	0.5	(1.0)
cmyn3*	0.5	0.5	0.5	(0.0)
olvi4*	1.0	1.0	1.0	(1.0)
cmyn4*	0.0	0.0	0.0	(0.0)

standard and adapted CIELAB

LAB*LAB	50.0	-0.23	21.4
LAB*LABa	50.0	-0.23	21.4
LAB*LABb	50.0	-0.23	21.4

relative CIELAB lab*

lab*lab	0.5	0.5	0.5
lab*lab	0.5	0.5	0.5
lab*lab	0.5	0.5	0.5
lab*lab	0.5	0.5	0.5

relative Natural Colour (NC)

lab*lab	0.5	0.5	0.5
lab*lab	0.5	0.5	0.5
lab*lab	0.5	0.5	0.5
lab*lab	0.5	0.5	0.5

relative Inform. Technology (IT)

olvi3*	0.5	0.5	0.5	(1.0)
cmyn3*	0.5	0.5	0.5	(0.0)
olvi4*	1.0	1.0	1.0	(1.0)
cmyn4*	0.0	0.0	0.0	(0.0)

standard and adapted CIELAB

LAB*LAB	48.89	-2.96	70.06
LAB*LABa	48.89	-2.96	70.06
LAB*LABb	48.89	-2.96	70.06

relative CIELAB lab*

lab*lab	0.911	0.0	0.5
lab*lab	0.911	0.0	0.5
lab*lab	0.911	0.0	0.5
lab*lab	0.911	0.0	0.5

relative Natural Colour (NC)

lab*lab	0.911	0.0	0.5
lab*lab	0.911	0.0	0.5
lab*lab	0.911	0.0	0.5
lab*lab	0.911	0.0	0.5

relative Inform. Technology (IT)

olvi3*	0.5	0.5	0.5	(1.0)
cmyn3*	0.5	0.5	0.5	(0.0)
olvi4*	1.0	1.0	1.0	(1.0)
cmyn4*	0.0	0.0	0.0	(0.0)

standard and adapted CIELAB

LAB*LAB	48.89	-2.96	70.06
LAB*LABa	48.89	-2.96	70.06
LAB*LABb	48.89	-2.96	70.06

relative CIELAB lab*

lab*lab	0.911	0.0	0.5
lab*lab	0.911	0.0	0.5
lab*lab	0.911	0.0	0.5
lab*lab	0.911	0.0	0.5

relative Natural Colour (NC)

lab*lab	0.911	0.0	0.5
lab*lab	0.911	0.0	0.5
lab*lab	0.911	0.0	0.5
lab*lab	0.911	0.0	0.5

relative Inform. Technology (IT)

olvi3*	0.5	0.5	0.5	(1.0)
cmyn3*	0.5	0.5	0.5	(0.0)
olvi4*	1.0	1.0	1.0	(1.0)
cmyn4*	0.0	0.0	0.0	(0.0)

standard and adapted CIELAB

LAB*LAB	48.89	-2.96	70.06
LAB*LABa	48.89	-2.96	70.06
LAB*LABb	48.89	-2.96	70.06

relative CIELAB lab*

lab*lab	0.911	0.0	0.5
lab*lab	0.911	0.0	0.5
lab*lab	0.911	0.0	0.5
lab*lab	0.911	0.0	0.5

relative Natural Colour (NC)

lab*lab	0.911	0.0	0.5
lab*lab	0.911	0.0	0.5
lab*lab	0.911	0.0	0.5
lab*lab	0.911	0.0	0.5

relative Inform. Technology (IT)

olvi3*	0.5	0.5	0.5	(1.0)
cmyn3*	0.5	0.5	0.5	(0.0)
olvi4*	1.0	1.0	1.0	(1.0)
cmyn4*	0.0	0.0	0.0	(0.0)

standard and adapted CIELAB

LAB*LAB	48.89	-2.96	70.06
LAB*LABa	48.89	-2.96	70.06
LAB*LABb	48.89	-2.96	70.06

relative CIELAB lab*

lab*lab	0.911	0.0	0.5
lab*lab	0.911	0.0	0.5
lab*lab	0.911	0.0	0.5
lab*lab	0.911	0.0	0.5

relative Natural Colour (NC)

lab*lab	0.911	0.0	0.5
lab*lab	0.911	0.0	0.5
lab*lab	0.911	0.0	0.5
lab*lab	0.911	0.0	0.5

relative Inform. Technology (IT)

olvi3*	0.5	0.5	0.5	(1.0)
cmyn3*	0.5	0.5	0.5	(0.0)
olvi4*	1.0	1.0	1.0	(1.0)
cmyn4*	0.0	0.0	0.0	(0.0)

standard and adapted CIELAB

LAB*LAB	48.89	-2.96	70.06
LAB*LABa	48.89	-2.96	70.06
LAB*LABb	48.89	-2.96	70.06

relative CIELAB lab*

lab*lab	0.911	0.0	0.5
lab*lab	0.911	0.0	0.5
lab*lab	0.911	0.0	0.5
lab*lab	0.911	0.0	0.5

relative Natural Colour (NC)

lab*lab	0.911	0.0	0.5
lab*lab	0.911	0.0	0.5
lab*lab	0.911	0.0	0.5
lab*lab	0.911	0.0	0.5

relative Inform. Technology (IT)

olvi3*	0.5	0.5	0.5	(1.0)
cmyn3*	0.5	0.5	0.5	(0.0)
olvi4*	1.0	1.0	1.0	(1.0)
cmyn4*	0.0	0.0	0.0	(0.0)

standard and adapted CIELAB

LAB*LAB	48.89	-2.96	70.06
LAB*LABa	48.89	-2.96	70.06
LAB*LABb	48.89	-2.96	70.06

relative CIELAB lab*

lab*lab	0.911	0.0	0.5
lab*lab	0.911	0.0	0.5
lab*lab	0.911	0.0	0.5
lab*lab	0.911	0.0	0.5

relative Natural Colour (NC)

lab*lab	0.911	0.0	0.5
lab*lab	0.911	0.0	0.5
lab*lab	0.911	0.0	0.5
lab*lab	0.911	0.0	0.5

relative Inform. Technology (IT)

olvi3*	0.5	0.5	0.5	(1.0)
cmyn3*	0.5	0.5	0.5	(0.0)
olvi4*	1.0	1.0	1.0	(1.0)
cmyn4*	0.0	0.0	0.0	(0.0)

standard and adapted CIELAB

LAB*LAB	48.89	-
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