

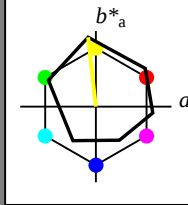
Eingabe: Farbmetrisches Reflexions-System ORS18

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

D65: Buntton Y

LCH*Ma: 90 92 96

rgb*Ma: 1.0 1.0 0.0

Dreiecks-Helligkeit t^* 

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	47.5	
LAB*LABa	95.41	0.0	0.0	
LAB*TCHa	99.99	0.01	-	

relative Inform. Technology (IT)

olvi3*	1.0	1.0	0.75	(1.0)
cmyn3*	0.0	0.0	0.0	(0.0)
olvi4*	1.0	1.0	0.75	(1.0)
cmyn4*	0.0	0.0	0.0	(0.0)
LAB*LAB	94.14	-3.51	27.61	
LAB*LABa	94.14	-2.56	22.94	
LAB*TCHa	97.5	25.08	96.39	

relative Inform. Technology (IT)

olvi3*	1.0	1.0	0.5	(1.0)
cmyn3*	0.0	0.0	0.0	(0.0)
olvi4*	1.0	1.0	0.5	(1.0)
cmyn4*	0.0	0.0	0.0	(0.0)
LAB*LAB	92.88	-6.06	50.46	
LAB*LABa	92.88	-5.13	45.87	
LAB*TCHa	95.0	46.16	96.39	

relative Inform. Technology (IT)

olvi3*	1.0	1.0	0.25	(1.0)
cmyn3*	0.0	0.0	0.0	(0.0)
olvi4*	1.0	1.0	0.25	(1.0)
cmyn4*	0.0	0.0	0.0	(0.0)
LAB*LAB	91.62	-8.6	73.32	
LAB*LABa	91.62	-7.7	68.82	
LAB*TCHa	92.5	69.25	96.39	

relative Inform. Technology (IT)

olvi3*	1.0	1.0	0.0	(1.0)
cmyn3*	0.0	0.0	0.0	(0.0)
olvi4*	1.0	1.0	0.0	(1.0)
cmyn4*	0.0	0.0	0.0	(0.0)
LAB*LAB	90.37	-11.15	96.17	
LAB*LABa	90.37	-10.26	91.75	
LAB*TCHa	90.0	92.32	96.39	

relative Inform. Technology (IT)

olvi3*	0.5	0.5	0.5	(0.0)
cmyn3*	0.0	0.0	0.0	(0.0)
olvi4*	1.0	1.0	0.5	(1.0)
cmyn4*	0.0	0.0	0.0	(0.0)
LAB*LAB	90.37	-11.15	96.17	
LAB*LABa	90.37	-10.26	91.75	
LAB*TCHa	90.0	92.32	96.39	

relative Inform. Technology (IT)

olvi3*	0.25	0.25	0.25	(1.0)
cmyn3*	0.0	0.0	0.0	(0.0)
olvi4*	1.0	1.0	0.25	(1.0)
cmyn4*	0.0	0.0	0.0	(0.0)
LAB*LAB	90.37	-11.15	96.17	
LAB*LABa	90.37	-10.26	91.75	
LAB*TCHa	90.0	92.32	96.39	

relative Inform. Technology (IT)

olvi3*	0.125	0.125	0.125	(1.0)
cmyn3*	0.0	0.0	0.0	(0.0)
olvi4*	1.0	1.0	0.125	(1.0)
cmyn4*	0.0	0.0	0.0	(0.0)
LAB*LAB	90.37	-11.15	96.17	
LAB*LABa	90.37	-10.26	91.75	
LAB*TCHa	90.0	92.32	96.39	

relative Inform. Technology (IT)

olvi3*	0.0625	0.0625	0.0625	(1.0)
cmyn3*	0.0	0.0	0.0	(0.0)
olvi4*	1.0	1.0	0.0625	(1.0)
cmyn4*	0.0	0.0	0.0	(0.0)
LAB*LAB	90.37	-11.15	96.17	
LAB*LABa	90.37	-10.26	91.75	
LAB*TCHa	90.0	92.32	96.39	

relative Inform. Technology (IT)

olvi3*	0.03125	0.03125	0.03125	(1.0)
cmyn3*	0.0	0.0	0.0	(0.0)
olvi4*	1.0	1.0	0.03125	(1.0)
cmyn4*	0.0	0.0	0.0	(0.0)
LAB*LAB	90.37	-11.15	96.17	
LAB*LABa	90.37	-10.26	91.75	
LAB*TCHa	90.0	92.32	96.39	

relative Inform. Technology (IT)

olvi3*	0.015625	0.015625	0.015625	(1.0)
cmyn3*	0.0	0.0	0.0	(0.0)
olvi4*	1.0	1.0	0.015625	(1.0)
cmyn4*	0.0	0.0	0.0	(0.0)
LAB*LAB	90.37	-11.15	96.17	
LAB*LABa	90.37	-10.26	91.75	
LAB*TCHa	90.0	92.32	96.39	

relative Inform. Technology (IT)

olvi3*	0.0078125	0.0078125	0.0078125	(1.0)
cmyn3*	0.0	0.0	0.0	(0.0)
olvi4*	1.0	1.0	0.0078125	(1.0)
cmyn4*	0.0	0.0	0.0	(0.0)
LAB*LAB	90.37	-11.15	96.17	
LAB*LABa	90.37	-10.26	91.75	
LAB*TCHa	90.0	92.32	96.39	

ORS18; adaptierte CIELAB-Daten

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

 $g^*_{H,rel} = 57$ $g^*_{C,rel} = 59$

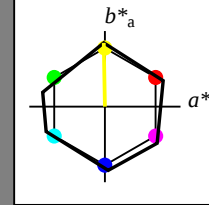
Ausgabe: Farbmetrisches Reflexions-System NRS11

für Buntton $h^* = lab^*h = 91/360 = 0.253$ lab^*ch und lab^*nch

D65: Buntton J

LCH*Ma: 53 84 91

rgb*Ma: 1.0 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	0.0	-0.01	
LAB*LABa	95.41	0.0	0.0	
LAB*TCHa	99.99	0.01	-	

relative Inform. Technology (IT)

olvi3*	1.0	1.0	0.75	(1.0)
cmyn3*	0.0	0.0	0.0	(0.0)
olvi4*	1.0	1.0	0.75	(1.0)
cmyn4*	0.0	0.0	0.0	(0.0)
LAB*LAB	94.14	-3.51	27.61	
LAB*LABa	94.14	-2.56	22.94	
LAB*TCHa	97.5	25.08	96.39	

relative Inform. Technology (IT)

olvi3*	1.0	1.0	0.5	(1.0)
cmyn3*	0.0	0.0	0.0	(0.0)
olvi4*	1.0	1.0	0.5	(1.0)
cmyn4*	0.0	0.0	0.0	(0.0)
LAB*LAB	92.88	-6.06	50.46	
LAB*LABa	92.88	-5.13	45.87	
LAB*TCHa	95.0	46.16	96.39	

relative Inform. Technology (IT)

olvi3*	1.0	1.0	0.25	(1.0)
cmyn3*	0.0	0.0	0.0	(0.0)
olvi4*	1.0	1.0	0.25	(1.0)
cmyn4*	0.0	0.0	0.0	(0.0)
LAB*LAB	91.62	-8.6	73.32	
LAB*LABa	91.62	-7.7	68.82	
LAB*TCHa	92.5	69.25	96.39	

relative Inform. Technology (IT)

olvi3*	1.0	1.0	0.0	(1.0)
cmyn3*	0.0	0.0	0.0	(0.0)
olvi4*	1.0	1.0	0.0	(1.0)
cmyn4*	0.0	0.0	0.0	(0.0)
LAB*LAB	90.37	-11.15	96.17	
LAB*LABa	90.37	-10.26	91.75	
LAB*TCHa	90.0	92.32	96.39	

relative Inform. Technology (IT)

olvi3*	0.5	0.5	0.5	(0.0)
cmyn3*	0.0	0.0	0.0	(0.0)
olvi4*	1.0	1.0	0.5	(1.0)
cmyn4*	0.0	0.0	0.0	(0.0)
LAB*LAB	90.37	-11.15	96.17	
LAB*LABa	90.37	-10.26	91.75	
LAB*TCHa	90.0	92.32	96.39	

relative Inform. Technology (IT)

olvi3*	0.25	0.25	0.25	(1.0)
cmyn3*	0.0	0.0	0.0	(0.0)
olvi4*	1.0	1.0	0.25	(1.0)
cmyn4*	0.0	0.0	0.0	(0.0)
LAB*LAB	90.37	-11.15	96.17	
LAB*LABa	90.37	-10.26	91.75	
LAB*TCHa	90.0	92.32	96.39	

relative Inform. Technology (IT)

olvi3*	0.125	0.125	0.125	(1.0)
cmyn3*	0.0	0.0	0.0	(0.0)
olvi4*	1.0	1.0	0.125	(1.0)
cmyn4*	0.0	0.0	0.0	(0.0)
LAB*LAB	90.37	-11.15	96.17	
LAB*LABa	90.37	-10.26	91.75	
LAB*TCHa	90.0	92.32	96.39	

relative Inform. Technology (IT)

olvi3*	0.0625	0.0625	0.0625	(1.0)
cmyn3*	0.0	0.0	0.0	(0.0)
olvi4*	1.0	1.0	0.0625	(1.0)
cmyn4*	0.0	0.0	0.0	(0.0)
LAB*LAB	90.37	-11.15	96.17	
LAB*LABa	90.37	-10.26	91.75	
LAB*TCHa	90.0	92.32	96.39	

relative Inform. Technology (IT)

olvi3*	0.03125	0.03125	0.03125	(1.0)
cmyn3*	0.0	0.0	0.0	(0.0)
olvi4*	1.0	1.0	0.03125	(1.0)
cmyn4*	0.0	0.0	0.0	(0.0)
LAB*LAB	90.37	-11.15	96.17	
LAB*LABa	90.37	-10.26	91.75	
LAB*TCHa	90.0	92.32	96.39	

relative Inform. Technology (IT)

olvi3*	0.015625	0.015625	0.015625	(1.0)
cmyn3*	0.0	0.0	0.0	(0.0)
olvi4*	1.0	1.0	0.015625	(1.0)
cmyn4*	0.0	0.0	0.0	(0.0)
LAB*LAB	90.37	-11.15	96.17	
LAB*LABa	90.37	-10.26	91.75	
LAB*TCHa	90.0	92.32	96.39	

TG520-7, 5 stufige Reihen für konstanten CIELAB Buntton 96/360 = 0.268 (links)

5 stufige Reihen für konstanten CIELAB Buntton 91/360 = 0.253 (rechts)

BAM-Prüfvorlage TG52; Farbmetrik-Systeme ORS18 & ORS18 input: $olv^* setrgbcolor$

D65: 2 Koordinaten-Daten von 5stufigen Farbreihen für 10 Bunttonen: Startup (S) data dependend

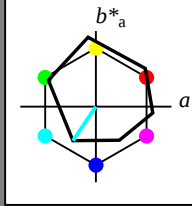
Eingabe: Farbmetrisches Reflexions-System ORS18

für Buntton $h^* = lab^*h = 236/360 = 0.656$ lab^*ch und lab^*nch

D65: Buntton C

LCH*Ma: 59 54 236

rgb*Ma: 0.0 1.0 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	47.5	
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*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*LABa	76.06	0.0	0.0	
LAB*LABb	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*	0.5	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*LABb	50.00	0.01	0.0	

relative CIELAB lab*

lab*lab	0.5	0.0	0.0	
lab*ch	0.5	0.0	0.0	
lab*nch	0.0	0.0	0.0	
lab*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	(0.0)
cmyn3*	0.75	0.75	0.75	(1.0)
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*LABa	37.36	0.0	0.0	
LAB*LABb	25.00	0.01	0.0	

relative CIELAB lab*

lab*lab	0.25	0.0	0.0	
lab*ch	0.25	0.0	0.0	
lab*nch	0.0	0.0	0.0	
lab*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	0.01	0.46	
LAB*LABa	18.02	0.0	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	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 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	0.01	0.46	
LAB*LABa	18.02	0.0	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	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 Inform. Technology (IT)

olvi3*	0.75	1.0	1.0	(1.0)
cmyn3*	0.25	0.0	0.0	(0.0)
olvi4*	0.75	1.0	1.0	(1.0)
cmyn4*	0.25	0.0	0.0	(0.0)
LAB*LAB	86.21	-8.38	-7.1	
LAB*LABa	86.21	-7.58	-11.24	
LAB*LABb	87.5	13.57	236.01	

relative CIELAB lab*

lab*lab	0.881	-0.139	-0.206	
lab*ch	0.875	0.25	0.656	
lab*nch	0.0	0.25	0.656	
lab*trj	0.881	-0.123	-0.216	
lab*trc	0.875	0.25	0.656	
lab*ncc	0.0	0.25	0.656	

relative Inform. Technology (IT)

olvi3*	0.5	0.75	0.75	(1.0)
cmyn3*	0.5	0.25	0.25	(0.0)
olvi4*	0.75	1.0	1.0	(0.0)
cmyn4*	0.25	0.0	0.0	(0.0)
LAB*LAB	66.86	-8.01	-8.41	
LAB*LABa	66.86	-7.58	-11.25	
LAB*LABb	62.5	13.58	236.01	

relative CIELAB lab*

lab*lab	0.631	-0.139	-0.206	
lab*ch	0.625	0.25	0.656	
lab*nch	0.0	0.25	0.656	
lab*trj	0.631	-0.123	-0.216	
lab*trc	0.625	0.25	0.656	
lab*ncc	0.0	0.25	0.656	

relative Inform. Technology (IT)

olvi3*	0.25	0.5	0.5	(0.0)
cmyn3*	0.75	0.5	0.5	(0.0)
olvi4*	0.75	1.0	1.0	(0.5)
cmyn4*	0.25	0.0	0.0	(0.5)
LAB*LAB	47.51	-7.64	-9.72	
LAB*LABa	47.51	-7.58	-11.25	
LAB*LABb	37.5	13.58	236.01	

relative CIELAB lab*

lab*lab	0.381	-0.139	-0.206	
lab*ch	0.375	0.25	0.656	
lab*nch	0.0	0.25	0.656	
lab*trj	0.381	-0.123	-0.216	
lab*trc	0.375	0.25	0.656	
lab*ncc	0.0	0.25	0.656	

relative Inform. Technology (IT)

olvi3*	0.0	0.5	0.5	(1.0)
cmyn3*	1.0	0.5	0.5	(0.0)
olvi4*	1.0	1.0	1.0	(0.5)
cmyn4*	0.0	0.0	0.0	(0.5)
LAB*LAB	38.32	-15.16	-22.5	
LAB*LABa	38.32	-15.16	-22.5	
LAB*LABb	25.01	21.55	236.01	

relative CIELAB lab*

lab*lab	0.262	-0.278	-0.414	
lab*ch	0.25	0.5	0.656	
lab*nch	0.0	0.5	0.656	
lab*trj	0.262	-0.247	-0.433	
lab*trc	0.25	0.5	0.656	
lab*ncc	0.0	0.5	0.656	

relative Inform. Technology (IT)

olvi3*	0.0	0.0	0.0	(1.0)
cmyn3*	1.0	0.75	0.75	(0.0)
olvi4*	1.0	1.0	1.0	(0.5)
cmyn4*	0.0	0.25	0.25	(0.5)
LAB*LAB	28.17	-7.58	-11.24	
LAB*LABa	28.17	-7.58	-11.24	
LAB*LABb	12.5	13.57	236.01	

relative CIELAB lab*

lab*lab	0.131	-0.139	-0.206	
lab*ch	0.125	0.25	0.656	
lab*nch	0.0	0.25	0.656	
lab*trj	0.131	-0.123	-0.216	
lab*trc	0.125	0.25	0.656	
lab*ncc	0.0	0.25	0.656	

relative Inform. Technology (IT)

olvi3*	0.0	0.0	0.0	(1.0)
cmyn3*	1.0	0.0	0.0	(0.0)
olvi4*	1.0	0.0	0.0	(1.0)
cmyn4*	0.0	0.0	0.0	(0.0)
LAB*LAB	18.02	0.01	0.46	
LAB*LABa	18.02	0.0	0.0	
LAB*LABb	0.01	0.01	0.0	

ORS18; adaptierte CIELAB-Daten

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

 $g^*_{H,rel} = 57$ $g^*_{C,rel} = 59$

relative Inform. Technology (IT)

olvi3*	0.5	1.0	1.0	(1.0)
cmyn3*	0.5	0.0	0.0	(0.0)
olvi4*	0.5	1.0	1.0	(1.0)
cmyn4*	0.5	0.0	0.0	(0.0)
LAB*LAB	77.01	-15.16	-19.98	
LAB*LABa	77.01	-15.16	-22.5	
LAB*LABb	75.0	27.15	236.01	

relative CIELAB lab*

lab*lab	0.762	-0.278	-0.413	
lab*ch	0.75	0.5	0.656	
lab*nch	0.0	0.5	0.656	
lab*trj	0.762	-0.247	-0.433	
lab*trc	0.75	0.5	0.656	
lab*ncc	0.0	0.5	0.656	

relative Inform. Technology (IT)

olvi3*	0.25	0.75	0.75	(1.0)
cmyn3*	0.75	0.25	0.25	(0.0)
olvi4*	0.5	1.0	1.0	(0.5)
cmyn4*	0.5	0.0	0.0	(0.5)
LAB*LAB	57.66	-15.12	-20.29	
LAB*LABa	57.66	-15.12	-22.5	
LAB*LABb	50.0	27.15	236.01	

relative CIELAB lab*

lab*lab	0.512	-0.278	-0.414	
lab*ch	0.5	0.5	0.656	
lab*nch	0.0	0.5	0.656	
lab*trj	0.512	-0.247	-0.433	
lab*trc	0.5	0.5	0.656	
lab*ncc	0.0	0.5	0.656	

relative Inform. Technology (IT)

olvi3*	0.0	0.5	0.5	(1.0)
cmyn3*	1.0	0.5	0.5	(0.0)
olvi4*	1.0	1.0	1.0	(0.5)
cmyn4*	0.0	0.0	0.0	(0.5)
LAB*LAB	38.32	-15.16	-22.5	
LAB*LABa	38.32	-15.16	-22.5	
LAB*LABb	25.01	21.55	236.01	

relative CIELAB lab*

lab*lab	0.262	-0.278	-0.414	
lab*ch	0.25	0.5	0.656	
lab*nch	0.0	0.5	0.656	
lab*trj	0.262	-0.247	-0.433	
lab*trc	0.25	0.5	0.656	
lab*ncc	0.0	0.5	0.656	

relative Inform. Technology (IT)

olvi3*	0.0	0.0	0.0	(1.0)
cmyn3*	1.0	0.0	0.0	(0.0)
olvi4*	1.0	0.0	0.0	(1.0)
cmyn4*	0.0	0.0	0.0	(0.0)
LAB*LAB	18.02	0.01	0.46	
LAB*LABa	18.02	0.0	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	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 Inform. Technology (IT)

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

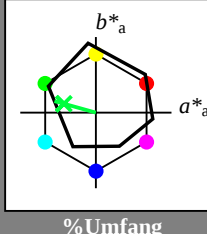
Eingabe: Farbmetrisches Reflexions-System ORS18

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

D65: Buntton G

LCH*Ma: 53 57 164

rgb*Ma: 0.0 1.0 0.25

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	47.5	0.0
LAB*LAB	95.41	0.0	0.0	0.0
LAB*LAB	99.99	0.01	0.0	0.0

standard and adapted CIELAB

LAB*LAB	95.41	-0.97	47.5	0.0
LAB*LAB	95.41	0.0	0.0	0.0
LAB*LAB	99.99	0.01	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	0.0
LAB*LAB	76.06	0.0	0.0	0.0
LAB*LAB	75.00	0.01	0.0	0.0

standard and adapted CIELAB

LAB*LAB	76.06	-0.6	3.44	0.0
LAB*LAB	76.06	0.0	0.0	0.0
LAB*LAB	75.00	0.01	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	0.0
LAB*LAB	56.71	0.0	0.0	0.0
LAB*LAB	50.00	0.01	0.0	0.0

standard and adapted CIELAB

LAB*LAB	56.71	-0.23	2.14	0.0
LAB*LAB	56.71	0.0	0.0	0.0
LAB*LAB	50.00	0.01	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	-0.36	0.63	0.0
LAB*LAB	37.36	0.0	0.0	0.0
LAB*LAB	25.00	0.01	0.0	0.0

standard and adapted CIELAB

LAB*LAB	37.36	-0.36	0.63	0.0
LAB*LAB	37.36	0.0	0.0	0.0
LAB*LAB	25.00	0.01	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	0.46	0.0
LAB*LAB	18.02	0.0	0.0	0.0
LAB*LAB	0.01	0.01	0.0	0.0

standard and adapted CIELAB

LAB*LAB	18.02	0.02	0.46	0.0
LAB*LAB	18.02	0.0	0.0	0.0
LAB*LAB	0.01	0.01	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	0.0	0.0	0.0	0.0
LAB*LAB	0.0	0.0	0.0	0.0
LAB*LAB	0.0	0.0	0.0	0.0

standard and adapted CIELAB

LAB*LAB	0.0	0.0	0.0	0.0
LAB*LAB	0.0	0.0	0.0	0.0
LAB*LAB	0.0	0.0	0.0	0.0

ORS18; adaptierte CIELAB-Daten

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
QMa	47.94	65.37	50.52	82.62	38
YMa	90.37	-10.27	91.77	92.34	96
LMa	50.59	-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

$g^*_{H,rel} = 57$
 $g^*_{C,rel} = 59$

relative Inform. Technology (IT)

olvi3*	0.5	1.0	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	74.31	0.02	0.0	0.0
LAB*LAB	74.31	0.0	0.0	0.0
LAB*LAB	75.00	0.01	0.0	0.0

standard and adapted CIELAB

LAB*LAB	74.31	0.02	0.0	0.0
LAB*LAB	74.31	0.0	0.0	0.0
LAB*LAB	75.00	0.01	0.0	0.0

relative Inform. Technology (IT)

olvi3*	0.25	0.5	0.25	(1.0)
cmyn3*	0.75	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	63.45	-0.49	0.0	0.0
LAB*LAB	63.45	0.0	0.0	0.0
LAB*LAB	62.5	0.0	0.0	0.0

standard and adapted CIELAB

LAB*LAB	63.45	-0.49	0.0	0.0
LAB*LAB	63.45	0.0	0.0	0.0
LAB*LAB	62.5	0.0	0.0	0.0

relative Inform. Technology (IT)

olvi3*	0.0	0.0	0.0	(1.0)
cmyn3*	1.0	0.0	0.0	(0.0)
olvi4*	1.0	1.0	1.0	(1.0)
cmyn4*	0.0	0.0	0.0	(0.0)
LAB*LAB	52.8	-0.49	0.0	0.0
LAB*LAB	52.8	0.0	0.0	0.0
LAB*LAB	50.0	0.0	0.0	0.0

standard and adapted CIELAB

LAB*LAB	52.8	-0.49	0.0	0.0
LAB*LAB	52.8	0.0	0.0	0.0
LAB*LAB	50.0	0.0	0.0	0.0

relative Inform. Technology (IT)

olvi3*	0.0	0.0	0.0	(1.0)
cmyn3*	1.0	0.0	0.0	(0.0)
olvi4*	1.0	1.0	1.0	(1.0)
cmyn4*	0.0	0.0	0.0	(0.0)
LAB*LAB	35.41	-0.29	0.0	0.0
LAB*LAB	35.41	0.0	0.0	0.0
LAB*LAB	25.01	0.0	0.0	0.0

standard and adapted CIELAB

LAB*LAB	35.41	-0.29	0.0	0.0
LAB*LAB	35.41	0.0	0.0	0.0
LAB*LAB	25.01	0.0	0.0	0.0

relative Inform. Technology (IT)

olvi3*	0.0	0.0	0.0	(1.0)
cmyn3*	1.0	0.0	0.0	(0.0)
olvi4*	1.0	1.0	1.0	(1.0)
cmyn4*	0.0	0.0	0.0	(0.0)
LAB*LAB	11.01	0.0	0.0	0.0
LAB*LAB	11.01	0.0	0.0	0.0
LAB*LAB	0.01	0.01	0.0	0.0

standard and adapted CIELAB

LAB*LAB	11.01	0.0	0.0	0.0
LAB*LAB	11.01	0.0	0.0	0.0
LAB*LAB	0.01	0.01	0.0	0.0

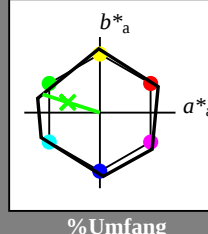
Ausgabe: Farbmetrisches Reflexions-System NRS11

für Buntton $h^* = lab^*h = 162/360 = 0.451$ lab^*ch und lab^*nch

D65: Buntton G

LCH*Ma: 53 80 162

rgb*Ma: 0.08 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	0.0	-0.01	0.0
LAB*LAB	95.41	0.0	0.0	0.0
LAB*LAB	99.99	0.01	0.0	0.0

standard and adapted CIELAB

LAB*LAB	95.41	0.0	-0.01	0.0
LAB*LAB	95.41	0.0	0.0	0.0
LAB*LAB	99.99	0.01	0.0	0.0

relative Inform. Technology (IT)

olvi3*	0.75	0.75	0.75	(1.0)
cmyn3*	0.25	0.25	0.25	(0.0)
olvi4*	1.0	1.0	1.0	(1.0)
cmyn4*	0.0	0.0	0.0	(0.0)
LAB*LAB	74.31	0.02	0.0	0.0
LAB*LAB	74.31	0.0	0.0	0.0
LAB*LAB	75.00	0.01	0.0	0.0

standard and adapted CIELAB

LAB*LAB	74.31	0.02	0.0	0.0
LAB*LAB	74.31	0.0	0.0	0.0
LAB*LAB	75.00	0.01	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	52.8	-0.49	0.0	0.0
LAB*LAB	52.8	0.0	0.0	0.0
LAB*LAB	50.0	0.0	0.0	0.0

standard and adapted CIELAB

LAB*LAB	52.8	-0.49	0.0	0.0
LAB*LAB	52.8	0.0	0.0	0.0
LAB*LAB	50.0	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	-0.36	0.63	0.0
LAB*LAB	37.36	0.0	0.0	0.0
LAB*LAB	25.00	0.01	0.0	0.0

standard and adapted CIELAB

LAB*LAB	37.36	-0.36	0.63	0.0
LAB*LAB	37.36	0.0	0.0	0.0
LAB*LAB	25.00	0.01	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	0.46	0.0
LAB*LAB	18.02	0.0	0.0	0.0
LAB*LAB	0.01	0.01	0.0	0.0

standard and adapted CIELAB

LAB*LAB	18.02	0.02	0.46	0.0
LAB*LAB	18.02	0.0	0.0	0.0
LAB*LAB	0.01	0.01	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	0.0	0.0	0.0	0.0
LAB*LAB	0.0	0.0	0.0	0.0
LAB*LAB	0.0	0.0	0.0	0.0

standard and adapted CIELAB

LAB*LAB	0.0	0.0	0.0	0.0
LAB*LAB	0.0	0.0	0.0	0.0
LAB*LAB	0.0	0.0	0.0	0.0

NRS11; adaptierte CIELAB-Daten

	$L^*=L_a^*$	a_a^*	b_a^*	$C_{ab,a}^*$	$h_{ab,a}^*$
RMa	53.2	77.06	34.32	84.36	24
JMa	53.2	-1.51	84.38	84.39	91
GMa	53.2	-82.27	18.98	84.44	167
G50BMa	53.2	-77.72	-32.98	84.44	203
BMa	53.2	4.37	-84.28	84.41	273
B50RMa	53.2	69.09	-48.41	84.37	325
NMa	10.99	0.0	0.0	0.0	0
WMa	95.41	0.0	0.0	0.0	0
RCIE	39.92	58.69	27.98	65.01	25
JCIE	81.26	-2.9	71.56	71.62	92
GCIE	52.23	-42.45	13.59	44.59	162
BCIE	30.57	1.35	-46.48	46.51	272

