

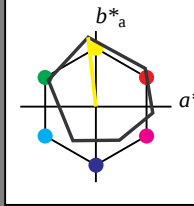
Eingabe: Farbmetrisches Reflexions-System ORS18

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^* 

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* 1.0 1.0 1.0 (1.0)
cmyn3* 0.0 0.0 0.0 (0.0)
olvi4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 95.41 -0.97 4.75
LAB*Lab 95.41 0.0 0.0
LAB*TCh 99.99 0.01 -

relative Inform. Technology (IT)
olvi3* 1.0 1.0 0.75 (1.0)
cmyn3* 0.0 0.0 0.25 (0.0)
olvi4* 1.0 1.0 0.75 (1.0)
cmyn4* 0.0 0.0 0.25 (0.0)
standard and adapted CIELAB
LAB*LAB 94.14 -3.51 27.61
LAB*Lab 94.14 -2.56 22.93
LAB*TCh 87.5 25.08 96.39

relative Inform. Technology (IT)
olvi3* 1.0 1.0 0.5 (1.0)
cmyn3* 0.0 0.0 0.5 (0.0)
olvi4* 1.0 1.0 0.5 (1.0)
cmyn4* 0.0 0.0 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 92.88 -6.06 50.46
LAB*Lab 92.88 -5.13 45.87
LAB*TCh 75.0 46.16 96.39

relative Inform. Technology (IT)
olvi3* 1.0 1.0 0.25 (1.0)
cmyn3* 0.0 0.0 0.25 (0.0)
olvi4* 1.0 1.0 0.25 (1.0)
cmyn4* 0.0 0.0 0.25 (0.0)
standard and adapted CIELAB
LAB*LAB 91.62 -8.6 73.32
LAB*Lab 91.62 -7.7 68.82
LAB*TCh 62.5 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)
standard and adapted CIELAB
LAB*LAB 90.37 -10.26 91.75
LAB*Lab 90.37 -10.26 91.75
LAB*TCh 50.0 92.32 96.39

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 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 90.37 -10.26 91.75
LAB*Lab 90.37 -10.26 91.75
LAB*TCh 50.0 92.32 96.39

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 0.25 (0.0)
standard and adapted CIELAB
LAB*LAB 76.06 -0.6 3.44
LAB*Lab 76.06 0.0 0.0
LAB*TCh 75.0 0.01 -

relative Inform. Technology (IT)
olvi3* 0.75 0.75 0.5 (1.0)
cmyn3* 0.25 0.25 0.5 (0.0)
olvi4* 1.0 1.0 0.75 (1.0)
cmyn4* 0.0 0.0 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 74.8 -3.14 26.31
LAB*Lab 74.8 -2.56 22.94
LAB*TCh 62.5 23.09 96.39

relative Inform. Technology (IT)
olvi3* 0.75 0.75 0.25 (1.0)
cmyn3* 0.25 0.25 0.25 (0.0)
olvi4* 1.0 1.0 0.5 (1.0)
cmyn4* 0.0 0.0 0.25 (0.0)
standard and adapted CIELAB
LAB*LAB 73.54 -5.69 49.17
LAB*Lab 73.54 -5.13 45.88
LAB*TCh 50.0 46.17 96.39

relative Inform. Technology (IT)
olvi3* 0.75 0.75 0.0 (1.0)
cmyn3* 0.25 0.25 0.0 (0.0)
olvi4* 1.0 1.0 0.25 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 72.28 -8.23 72.01
LAB*Lab 72.28 -7.7 68.82
LAB*TCh 35.1 69.25 96.39

relative Inform. Technology (IT)
olvi3* 0.75 0.75 0.0 (1.0)
cmyn3* 0.25 0.25 0.0 (0.0)
olvi4* 1.0 1.0 0.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 72.28 -8.23 72.01
LAB*Lab 72.28 -7.7 68.82
LAB*TCh 35.1 69.25 96.39

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 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 72.28 -8.23 72.01
LAB*Lab 72.28 -7.7 68.82
LAB*TCh 35.1 69.25 96.39

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 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 70.71 -0.48 0.49
LAB*Lab 70.71 0.0 0.0
LAB*TCh 35.1 69.25 96.39

relative Inform. Technology (IT)
olvi3* 0.5 0.5 0.25 (1.0)
cmyn3* 0.5 0.5 0.25 (0.0)
olvi4* 1.0 1.0 0.75 (1.0)
cmyn4* 0.0 0.0 0.25 (0.0)
standard and adapted CIELAB
LAB*LAB 69.39 -0.48 0.49
LAB*Lab 69.39 0.0 0.0
LAB*TCh 35.1 69.25 96.39

relative Inform. Technology (IT)
olvi3* 0.5 0.5 0.0 (1.0)
cmyn3* 0.5 0.5 0.0 (0.0)
olvi4* 1.0 1.0 0.5 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 68.18 -0.48 0.49
LAB*Lab 68.18 0.0 0.0
LAB*TCh 35.1 69.25 96.39

relative Inform. Technology (IT)
olvi3* 0.5 0.5 0.0 (1.0)
cmyn3* 0.5 0.5 0.0 (0.0)
olvi4* 1.0 1.0 0.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 68.18 -0.48 0.49
LAB*Lab 68.18 0.0 0.0
LAB*TCh 35.1 69.25 96.39

relative Inform. Technology (IT)
olvi3* 0.5 0.5 0.0 (1.0)
cmyn3* 0.5 0.5 0.0 (0.0)
olvi4* 1.0 1.0 0.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 68.18 -0.48 0.49
LAB*Lab 68.18 0.0 0.0
LAB*TCh 35.1 69.25 96.39

relative Inform. Technology (IT)
olvi3* 0.5 0.5 0.0 (1.0)
cmyn3* 0.5 0.5 0.0 (0.0)
olvi4* 1.0 1.0 0.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 68.18 -0.48 0.49
LAB*Lab 68.18 0.0 0.0
LAB*TCh 35.1 69.25 96.39

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 0.25 (0.0)
standard and adapted CIELAB
LAB*LAB 56.71 -0.23 2.14
LAB*Lab 56.71 0.0 0.0
LAB*TCh 50.0 0.01 -

relative 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 0.75 (1.0)
cmyn4* 0.0 0.0 0.25 (0.0)
standard and adapted CIELAB
LAB*LAB 55.45 -2.77 25.0
LAB*Lab 55.45 -2.56 22.94
LAB*TCh 35.1 23.09 96.39

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 0.25 (1.0)
cmyn4* 0.0 0.0 0.25 (0.0)
standard and adapted CIELAB
LAB*LAB 54.19 -5.13 45.88
LAB*Lab 54.19 -5.13 45.88
LAB*TCh 25.01 46.16 96.39

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 0.25 (1.0)
cmyn4* 0.0 0.0 0.25 (0.0)
standard and adapted CIELAB
LAB*LAB 52.23 -4.26 11.75
LAB*Lab 52.23 -4.26 11.75
LAB*TCh 12.5 23.08 96.39

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 0.25 (1.0)
cmyn4* 0.0 0.0 0.25 (0.0)
standard and adapted CIELAB
LAB*LAB 50.9 -62.79 34.95
LAB*Lab 50.9 -62.79 34.95
LAB*TCh 12.5 23.08 96.39

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 0.25 (1.0)
cmyn4* 0.0 0.0 0.25 (0.0)
standard and adapted CIELAB
LAB*LAB 50.9 -62.79 34.95
LAB*Lab 50.9 -62.79 34.95
LAB*TCh 12.5 23.08 96.39

relative Inform. Technology (IT)
olvi3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 1.0 (0.0)
olvi4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 18.02 0.0 0.0
LAB*Lab 18.02 0.0 0.0
LAB*TCh 0.01 0.01 -

relative Inform. Technology (IT)
olvi3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 1.0 (0.0)
olvi4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 18.02 0.0 0.0
LAB*Lab 18.02 0.0 0.0
LAB*TCh 0.01 0.01 -

relative Inform. Technology (IT)
olvi3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 1.0 (0.0)
olvi4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 18.02 0.0 0.0
LAB*Lab 18.02 0.0 0.0
LAB*TCh 0.01 0.01 -

relative Inform. Technology (IT)
olvi3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 1.0 (0.0)
olvi4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 18.02 0.0 0.0
LAB*Lab 18.02 0.0 0.0
LAB*TCh 0.01 0.01 -

relative Inform. Technology (IT)
olvi3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 1.0 (0.0)
olvi4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 18.02 0.0 0.0
LAB*Lab 18.02 0.0 0.0
LAB*TCh 0.01 0.01 -

relative Inform. Technology (IT)
olvi3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 1.0 (0.0)
olvi4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 18.02 0.0 0.0
LAB*Lab 18.02 0.0 0.0
LAB*TCh 0.01 0.01 -

relative Inform. Technology (IT)
olvi3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 1.0 (0.0)
olvi4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 18.02 0.0 0.0
LAB*Lab 18.02 0.0 0.0
LAB*TCh 0.01 0.01 -

relative Inform. Technology (IT)
olvi3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 1.0 (0.0)
olvi4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 18.02 0.0 0.0
LAB*Lab 18.02 0.0 0.0
LAB*TCh 0.01 0.01 -

relative Inform. Technology (IT)
olvi3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 1.0 (0.0)
olvi4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 18.02 0.0 0.0
LAB*Lab 18.02 0.0 0.0
LAB*TCh 0.01 0.01 -

relative Inform. Technology (IT)
olvi3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 1.0 (0.0)
olvi4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 18.02 0.0 0.0
LAB*Lab 18.02 0.0 0.0
LAB*TCh 0.01 0.01 -

UG500-7, 5 stufige Reihen für konstanten CIELAB Buntton 96/360 = 0.268 (links)

5 stufige Reihen für konstanten CIELAB Buntton 94/360 = 0.261 (rechts)

BAM-Prüfvorlage UG50; Farbmetrik-Systeme ORS18 & ORS18input: cmy0* setcmykcolor

D65: 2 Koordinatendaten; 5stufige Farbreihen für 10 Bunttöne

output: Startup (S) data dependend

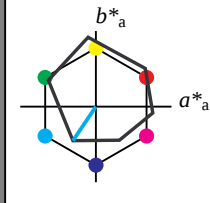
Eingabe: Farbmetrisches Reflexions-System ORS18

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	4.75	
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*tr	1.0	0.0	0.0
lab*ce	1.0	0.0	0.0
lab*nce	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*tr	0.75	0.0	0.0
lab*ce	0.75	0.0	0.0
lab*nce	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*tr	0.5	0.0	0.0
lab*ce	0.5	0.0	0.0
lab*nce	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	-0.08	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*tr	0.25	0.0	0.0
lab*ce	0.25	0.0	0.0
lab*nce	0.0	0.0	0.0

relative Inform. Technology (IT)

olvi3*	0.0	0.0	0.0	(1.0)
cmyn3*	1.0	1.0	1.0	(0.0)
olvi4*	1.0	1.0	1.0	(1.0)
cmyn4*	0.0	0.0	0.0	(0.0)
LAB*LAB	18.02	0.0	0.46	
LAB*LABa	18.02	0.0	0.0	
LAB*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*tr	0.0	0.0	0.0
lab*ce	0.0	0.0	0.0
lab*nce	1.0	0.0	0.0

relative Natural Colour (NC)

lab*tr	0.0	0.0	0.0
lab*ce	0.0	0.0	0.0
lab*nce	1.0	0.0	0.0

relative Natural Colour (NC)

lab*tr	0.0	0.0	0.0
lab*ce	0.0	0.0	0.0
lab*nce	1.0	0.0	0.0

relative Natural Colour (NC)

lab*tr	0.0	0.0	0.0
lab*ce	0.0	0.0	0.0
lab*nce	1.0	0.0	0.0

relative Natural Colour (NC)

lab*tr	0.0	0.0	0.0
lab*ce	0.0	0.0	0.0
lab*nce	1.0	0.0	0.0

relative Natural Colour (NC)

lab*tr	0.0	0.0	0.0
lab*ce	0.0	0.0	0.0
lab*nce	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*tr	0.881	-0.123	-0.216
lab*ce	0.875	0.25	0.656
lab*nce	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*	0.5	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*tr	0.631	-0.123	-0.216
lab*ce	0.625	0.25	0.656
lab*nce	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	(0.0)
cmyn4*	0.25	0.0	0.0	(0.0)
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*tr	0.381	-0.123	-0.216
lab*ce	0.375	0.25	0.656
lab*nce	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	(1.0)
cmyn4*	0.0	0.0	0.0	(0.0)
LAB*LAB	28.17	-5.03	-11.59	
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*tr	0.131	-0.123	-0.216
lab*ce	0.125	0.25	0.656
lab*nce	0.0	0.25	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	(1.0)
cmyn4*	0.0	0.0	0.0	(0.0)
LAB*LAB	18.02	0.0	0.46	
LAB*LABa	18.02	0.0	0.0	
LAB*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*tr	0.0	0.0	0.0
lab*ce	0.0	0.0	0.0
lab*nce	1.0	0.0	0.0

relative Natural Colour (NC)

lab*tr	0.0	0.0	0.0
lab*ce	0.0	0.0	0.0
lab*nce	1.0	0.0	0.0

relative Natural Colour (NC)

lab*tr	0.0	0.0	0.0
lab*ce	0.0	0.0	0.0
lab*nce	1.0	0.0	0.0

relative Natural Colour (NC)

lab*tr	0.0	0.0	0.0
lab*ce	0.0	0.0	0.0
lab*nce	1.0	0.0	0.0

relative Natural Colour (NC)

lab*tr	0.0	0.0	0.0
lab*ce	0.0	0.0	0.0
lab*nce	1.0	0.0	0.0

ORS18; adaptierte CIELAB-Daten

	L*	a*	b*	C*	h*
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	-15.79	-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*tr	0.762	-0.247	-0.433
lab*ce	0.75	0.5	0.656
lab*nce	0.0	0.5	0.656

relative Inform. Technology (IT)

olvi3*	0.0	0.75	0.75	(1.0)
cmyn3*	0.75	0.25	0.25	(0.0)
olvi4*	0.5	1.0	1.0	(0.0)
cmyn4*	0.5	0.0	0.0	(0.0)
LAB*LAB	57.66	-15.42	-20.29	
LAB*LABa	57.66	-15.17	-22.5	
LAB*LABb	50.0	27.15	236.01	

relative CIELAB lab*

lab*lab	0.512	-0.278	-0.413
lab*ch	0.5	0.5	0.656
lab*nch	0.0	0.5	0.656
lab*tr	0.512	-0.247	-0.433
lab*ce	0.5	0.5	0.656
lab*nce	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	(1.0)
cmyn4*	0.0	0.0	0.0	(0.0)
LAB*LAB	38.32	-15.16	-22.5	
LAB*LABa	38.32	-15.16	-22.5	
LAB*LABb	25.01	27.15	236.01	

relative CIELAB lab*

lab*lab	0.262	-0.278	-0.413
lab*ch	0.25	0.5	0.656
lab*nch	0.0	0.5	0.656
lab*tr	0.262	-0.247	-0.433
lab*ce	0.25	0.5	0.656
lab*nce	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	(1.0)
cmyn4*	0.0	0.0	0.0	(0.0)
LAB*LAB	18.02	0.0	0.46	
LAB*LABa	18.02	0.0	0.0	
LAB*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*tr	0.0	0.0	0.0
lab*ce	0.0	0.0	0.0
lab*nce	1.0	0.0	0.0

relative Natural Colour (NC)

lab*tr	0.0	0.0	0.0
lab*ce	0.0	0.0	0.0
lab*nce	1.0	0.0	0.0

relative Natural Colour (NC)

lab*

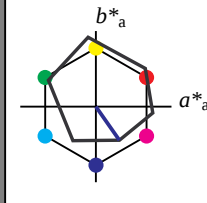
Eingabe: Farbmetrisches Reflexions-System ORS18

für Buntton $h^* = lab^*h = 305/360 = 0.847$

lab^*ch und lab^*nch

D65: Buntton V
LCH*Ma: 26 54 305
rgb*Ma: 0.0 0.0 1.0

Dreiecks-Helligkeit t^*



relative Inform. Technology (IT)
olvi3* 1.0 1.0 1.0 (1.0)
cmyn3* 0.0 0.0 0.0 (0.0)
olvi4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
LAB*LAB 95.41 -0.97 4.75
LAB*Lab 95.41 0.0 0.0
LAB*TCh 99.99 0.01 -

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 77.98 7.13 -7.51
LAB*Lab 77.98 7.13 -7.51
LAB*TCh 87.5 13.55 305.0

relative Inform. Technology (IT)
olvi3* 0.5 0.5 0.5 (1.0)
cmyn3* 0.5 0.5 0.5 (1.0)
olvi4* 0.5 0.5 0.5 (1.0)
cmyn4* 0.5 0.5 0.5 (1.0)
LAB*LAB 60.56 15.24 -19.79
LAB*Lab 60.56 15.24 -19.79
LAB*TCh 75.0 27.11 305.0

relative Inform. Technology (IT)
olvi3* 0.25 0.25 0.25 (1.0)
cmyn3* 0.75 0.75 0.75 (1.0)
olvi4* 0.25 0.25 0.25 (1.0)
cmyn4* 0.75 0.75 0.75 (1.0)
LAB*LAB 43.14 23.35 -33.31
LAB*Lab 43.14 23.35 -33.31
LAB*TCh 62.5 40.67 305.0

relative Inform. Technology (IT)
olvi3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 1.0 (0.0)
olvi4* 0.0 0.0 0.0 (1.0)
cmyn4* 1.0 1.0 1.0 (0.0)
LAB*LAB 25.72 31.46 -44.36
LAB*Lab 25.72 31.46 -44.36
LAB*TCh 50.0 54.23 305.0

relative Inform. Technology (IT)
olvi3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 1.0 (0.0)
olvi4* 0.0 0.0 0.0 (1.0)
cmyn4* 1.0 1.0 1.0 (0.0)
LAB*LAB 25.72 31.46 -44.36
LAB*Lab 25.72 31.46 -44.36
LAB*TCh 50.0 54.23 305.0

relative Inform. Technology (IT)
olvi3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 1.0 (0.0)
olvi4* 0.0 0.0 0.0 (1.0)
cmyn4* 1.0 1.0 1.0 (0.0)
LAB*LAB 25.72 31.46 -44.36
LAB*Lab 25.72 31.46 -44.36
LAB*TCh 50.0 54.23 305.0

relative Inform. Technology (IT)
olvi3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 1.0 (0.0)
olvi4* 0.0 0.0 0.0 (1.0)
cmyn4* 1.0 1.0 1.0 (0.0)
LAB*LAB 25.72 31.46 -44.36
LAB*Lab 25.72 31.46 -44.36
LAB*TCh 50.0 54.23 305.0

relative Inform. Technology (IT)
olvi3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 1.0 (0.0)
olvi4* 0.0 0.0 0.0 (1.0)
cmyn4* 1.0 1.0 1.0 (0.0)
LAB*LAB 25.72 31.46 -44.36
LAB*Lab 25.72 31.46 -44.36
LAB*TCh 50.0 54.23 305.0

relative Inform. Technology (IT)
olvi3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 1.0 (0.0)
olvi4* 0.0 0.0 0.0 (1.0)
cmyn4* 1.0 1.0 1.0 (0.0)
LAB*LAB 25.72 31.46 -44.36
LAB*Lab 25.72 31.46 -44.36
LAB*TCh 50.0 54.23 305.0

	L*	a*	b*	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

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

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

$n^* = 0.00$

$n^* = 0.25$

$n^* = 0.50$

$n^* = 0.75$

$n^* = 1.00$

relative Buntheit c^*

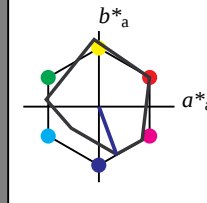
Ausgabe: Farbmetrisches Reflexions-System MRS18

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

lab^*ch und lab^*nch

D65: Buntton B
LCH*Ma: 37 67 290
rgb*Ma: 0.0 0.0 1.0

Dreiecks-Helligkeit t^*



relative Inform. Technology (IT)
olvi3* 1.0 1.0 1.0 (1.0)
cmyn3* 0.0 0.0 0.0 (0.0)
olvi4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
LAB*LAB 95.41 -0.97 4.75
LAB*Lab 95.41 0.0 0.0
LAB*TCh 99.99 0.01 -

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 77.98 7.13 -7.51
LAB*Lab 77.98 7.13 -7.51
LAB*TCh 87.5 13.55 290.19

relative Inform. Technology (IT)
olvi3* 0.5 0.5 0.5 (1.0)
cmyn3* 0.5 0.5 0.5 (1.0)
olvi4* 0.5 0.5 0.5 (1.0)
cmyn4* 0.5 0.5 0.5 (1.0)
LAB*LAB 60.56 15.24 -19.79
LAB*Lab 60.56 15.24 -19.79
LAB*TCh 75.0 27.11 290.19

relative Inform. Technology (IT)
olvi3* 0.25 0.25 0.25 (1.0)
cmyn3* 0.75 0.75 0.75 (1.0)
olvi4* 0.25 0.25 0.25 (1.0)
cmyn4* 0.75 0.75 0.75 (1.0)
LAB*LAB 43.14 23.35 -33.31
LAB*Lab 43.14 23.35 -33.31
LAB*TCh 62.5 40.67 290.19

relative Inform. Technology (IT)
olvi3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 1.0 (0.0)
olvi4* 0.0 0.0 0.0 (1.0)
cmyn4* 1.0 1.0 1.0 (0.0)
LAB*LAB 25.72 31.46 -44.36
LAB*Lab 25.72 31.46 -44.36
LAB*TCh 50.0 54.23 290.19

relative Inform. Technology (IT)
olvi3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 1.0 (0.0)
olvi4* 0.0 0.0 0.0 (1.0)
cmyn4* 1.0 1.0 1.0 (0.0)
LAB*LAB 25.72 31.46 -44.36
LAB*Lab 25.72 31.46 -44.36
LAB*TCh 50.0 54.23 290.19

relative Inform. Technology (IT)
olvi3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 1.0 (0.0)
olvi4* 0.0 0.0 0.0 (1.0)
cmyn4* 1.0 1.0 1.0 (0.0)
LAB*LAB 25.72 31.46 -44.36
LAB*Lab 25.72 31.46 -44.36
LAB*TCh 50.0 54.23 290.19

relative Inform. Technology (IT)
olvi3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 1.0 (0.0)
olvi4* 0.0 0.0 0.0 (1.0)
cmyn4* 1.0 1.0 1.0 (0.0)
LAB*LAB 25.72 31.46 -44.36
LAB*Lab 25.72 31.46 -44.36
LAB*TCh 50.0 54.23 290.19

relative Inform. Technology (IT)
olvi3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 1.0 (0.0)
olvi4* 0.0 0.0 0.0 (1.0)
cmyn4* 1.0 1.0 1.0 (0.0)
LAB*LAB 25.72 31.46 -44.36
LAB*Lab 25.72 31.46 -44.36
LAB*TCh 50.0 54.23 290.19

relative Inform. Technology (IT)
olvi3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 1.0 (0.0)
olvi4* 0.0 0.0 0.0 (1.0)
cmyn4* 1.0 1.0 1.0 (0.0)
LAB*LAB 25.72 31.46 -44.36
LAB*Lab 25.72 31.46 -44.36
LAB*TCh 50.0 54.23 290.19

	L*	a*	b*	C* _{ab,a}	h* _{ab,a}
RMa	49.63	66.96	38.37	77.18	30
JMa	90.7	-6.36	88.75	88.98	94
GMa	52.11	-69.73	9.44	70.37	172
G50B _{Ma}	45.03	-36.57	-28.47	46.36	218
B _{Ma}	36.65	23.19	-63.05	67.18	290
B50R _{Ma}	34.94	57.17	-44.26	72.31	322
NMa	18.01	0.0	0.0	0.0	0
WMa	95.41	0.0	0.0	0.0	0
RCIE	39.92	58.66	26.98	64.56	25
JCIE	81.26	-2.17	67.76	67.79	92
GCIE	52.23	-42.26	11.75	43.87	164
BCIE	30.57	1.15	-46.84	46.87	271

%Regularität

$g^*_{H,rel} = 41$

$g^*_{C,rel} = 52$

$n^* = 0.00$

$n^* = 0.25$

$n^* = 0.50$

$n^* = 0.75$

$n^* = 1.00$

relative Buntheit c^*

5 stufige Reihen für konstanten CIELAB Buntton 290/360 = 0.806 (rechts)

UG500-7, 5 stufige Reihen für konstanten CIELAB Buntton 305/360 = 0.847 (links)

BAM-Prüfvorlage UG50; Farbmetrik-Systeme ORS18 & ORS18input: $cmY0^* setcmykcolor$
D65: 2 Koordinatendaten; 25stufige Farbreihen für 10 Bunttöne output: Startup (S) data dependant

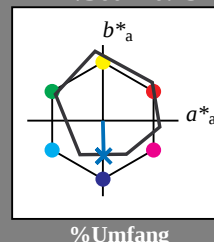
Eingabe: Farbmetrisches Reflexions-System ORS18

für Buntton $h^* = lab^*h = 271/360 = 0.754$ lab^*ch und lab^*nch

D65: Buntton B

LCH*Ma: 42 45 271

rgb*Ma: 0.0 0.49 1.0

Dreiecks-Helligkeit t^* 

relative Inform. Technology (IT)

olvi3*	1.0	1.0	1.0	(1.0)
cmyn3*	0.0	0.0	0.0	(0.0)
olvi4*	1.0	1.0	1.0	(1.0)
cmyn4*	0.0	0.0	0.0	(0.0)
LAB*LAB	95.41	-0.97	4.75	
LAB*LAB	95.41	0.0	0.0	
LAB*LAB	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*lab	1.0	0.0	0.0
lab*ch	0.0	0.0	0.0
lab*nch	0.0	0.0	0.0

relative Inform. Technology (IT)

olvi3*	0.75	0.75	0.75	(1.0)
cmyn3*	0.25	0.25	0.25	(0.0)
olvi4*	1.0	1.0	1.0	(1.0)
cmyn4*	0.0	0.0	0.0	(0.0)
LAB*LAB	76.06	-0.6	3.44	
LAB*LAB	76.06	0.0	0.0	
LAB*LAB	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*lab	0.75	0.0	0.0
lab*ch	0.0	0.0	0.0
lab*nch	0.0	0.0	0.0

relative Inform. Technology (IT)

olvi3*	0.5	0.5	0.5	(0.0)
cmyn3*	0.5	0.5	0.5	(0.0)
olvi4*	1.0	1.0	1.0	(1.0)
cmyn4*	0.0	0.0	0.0	(0.0)
LAB*LAB	56.71	-0.23	2.14	
LAB*LAB	56.71	0.0	0.0	
LAB*LAB	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*lab	0.5	0.0	0.0
lab*ch	0.0	0.0	0.0
lab*nch	0.0	0.0	0.0

relative Inform. Technology (IT)

olvi3*	0.25	0.25	0.25	(1.0)
cmyn3*	0.75	0.75	0.75	(0.0)
olvi4*	1.0	1.0	1.0	(1.0)
cmyn4*	0.0	0.0	0.0	(0.0)
LAB*LAB	37.36	-0.08	0.83	
LAB*LAB	37.36	0.0	0.0	
LAB*LAB	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*lab	0.25	0.0	0.0
lab*ch	0.0	0.0	0.0
lab*nch	0.0	0.0	0.0

relative Inform. Technology (IT)

olvi3*	0.0	0.0	0.0	(1.0)
cmyn3*	1.0	1.0	1.0	(0.0)
olvi4*	1.0	1.0	1.0	(1.0)
cmyn4*	0.0	0.0	0.0	(0.0)
LAB*LAB	18.02	0.0	0.46	
LAB*LAB	18.02	0.0	0.0	
LAB*LAB	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*lab	0.0	0.0	0.0
lab*ch	0.0	0.0	0.0
lab*nch	0.0	0.0	0.0

relative Inform. Technology (IT)

olvi3*	0.0	0.0	0.0	(1.0)
cmyn3*	1.0	1.0	1.0	(0.0)
olvi4*	1.0	1.0	1.0	(1.0)
cmyn4*	0.0	0.0	0.0	(0.0)
LAB*LAB	18.02	0.0	0.46	
LAB*LAB	18.02	0.0	0.0	
LAB*LAB	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*lab	0.0	0.0	0.0
lab*ch	0.0	0.0	0.0
lab*nch	0.0	0.0	0.0

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	50.59	-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*	0.75	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	82.0	-0.44	-7.31	
LAB*LAB	82.0	0.0	0.0	
LAB*LAB	87.5	11.18	271.39	

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

relative Inform. Technology (IT)

olvi3*	0.5	0.5	0.5	(0.0)
cmyn3*	0.5	0.5	0.5	(0.0)
olvi4*	1.0	1.0	1.0	(1.0)
cmyn4*	0.0	0.0	0.0	(0.0)
LAB*LAB	62.65	-0.07	-8.62	
LAB*LAB	62.65	0.0	0.0	
LAB*LAB	62.5	11.18	271.4	

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

relative Inform. Technology (IT)

olvi3*	0.25	0.25	0.25	(1.0)
cmyn3*	0.75	0.75	0.75	(0.0)
olvi4*	1.0	1.0	1.0	(1.0)
cmyn4*	0.0	0.0	0.0	(0.0)
LAB*LAB	49.25	0.45	-20.71	
LAB*LAB	49.25	0.0	0.0	
LAB*LAB	50.0	22.37	271.4	

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

relative Inform. Technology (IT)

olvi3*	0.0	0.0	0.0	(1.0)
cmyn3*	1.0	1.0	1.0	(0.0)
olvi4*	1.0	1.0	1.0	(1.0)
cmyn4*	0.0	0.0	0.0	(0.0)
LAB*LAB	29.9	0.5	-22.35	
LAB*LAB	29.9	0.0	0.0	
LAB*LAB	25.01	22.36	271.4	

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

relative Inform. Technology (IT)

olvi3*	0.0	0.0	0.0	(1.0)
cmyn3*	1.0	1.0	1.0	(0.0)
olvi4*	1.0	1.0	1.0	(1.0)
cmyn4*	0.0	0.0	0.0	(0.0)
LAB*LAB	18.02	0.0	0.46	
LAB*LAB	18.02	0.0	0.0	
LAB*LAB	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*lab	0.0	0.0	0.0
lab*ch	0.0	0.0	0.0
lab*nch	0.0	0.0	0.0

relative Inform. Technology (IT)

olvi3*	0.25	0.616	1.0	(1.0)
cmyn3*	0.75	0.384	0.0	(0.0)
olvi4*	0.25	0.616	1.0	(1.0)
cmyn4*	0.75	0.384	0.0	(0.0)
LAB*LAB	55.19	0.61	-31.48	
LAB*LAB	55.19	0.62	-33.53	
LAB*LAB	62.5	33.55	271.4	

relative CIELAB lab*

lab*lab	0.48	0.018	-0.749	
lab*ch	0.625	0.75	0.754	
lab*nch	0.0	0.0	0.0	

relative Natural Colour (NC)

lab*lab	0.48	0.018	-0.749	
lab*ch	0.625	0.75	0.754	
lab*nch	0.0	0.0	0.0	

relative Inform. Technology (IT)

olvi3*	0.0	0.368	0.75	(1.0)
cmyn3*	0.75	0.506	0.25	(0.0)
olvi4*	0.75	0.754	1.0	(1.0)
cmyn4*	0.5	0.256	0.0	(0.0)
LAB*LAB	49.25	0.45	-20.71	
LAB*LAB	49.25	0.0	0.0	
LAB*LAB	50.0	22.37	271.4	

relative CIELAB lab*

lab*lab	0.0	0.368	0.75	(1.0)
lab*ch	0.0	0.368	0.75	(1.0)
lab*nch	0.0	0.368	0.75	(1.0)

relative Natural Colour (NC)

lab*lab	0.0	0.368	0.75	(1.0)
lab*ch	0.0	0.368	0.75	(1.0)
lab*nch	0.0	0.368	0.75	(1.0)

relative Inform. Technology (IT)

olvi3*	0.0	0.634	0.25	(0.0)
cmyn3*	0.75	0.842	1.0	(1.0)
olvi4*	0.25	0.616	1.0	(1.0)
cmyn4*	0.75	0.384	0.0	(0.0)
LAB*LAB	35.84	0.82	-33.53	
LAB*LAB	35.84	0.82	-33.53	
LAB*LAB	37.51	33.55	271.4	

relative CIELAB lab*

lab*lab	0.23	0.018	-0.749	
lab*ch	0.375	0.75	0.754	
lab*nch	0.0	0.0	0.0	

relative Natural Colour (NC)

lab*lab	0.23	0.018	-0.749	
lab*ch	0.375	0.75	0.754	
lab*nch	0.0	0.0	0.0	

relative Inform. Technology (IT)

olvi3*	0.0	0.244	0.5	(1.0)
cmyn3*	1.0	0.756	0.5	(0.0)
olvi4*	0.5	0.754	1.0	(1.0)
cmyn4*	0.5	0.256	0.0	(0.0)
LAB*LAB	29.9	0.5	-22.35	
LAB*LAB	29.9	0.0	0.0	
LAB*LAB	25.01	22.36	271.4	

relative CIELAB lab*

lab*lab	0.0	0.244	0.5	(1.0)
lab*ch	0.0	0.244	0.5	(1.0)
lab*nch	0.0	0.244	0.5	(1.0)

relative Natural Colour (NC)

lab*lab	0.0	0.244	0.5	(1.0)
lab*ch	0.0	0.244	0.5	(1.0)
lab*nch	0.0	0.244	0.5	(1.0)

relative Inform. Technology (IT)

olvi3*	0.0	0.0	0.0	(1.0)
cmyn3*	1.0	1.0	1.0	(0.0)
olvi4*	1.0	1.0	1.0	(1.0)
cmyn4*	0.0	0.0	0.0	(0.0)
LAB*LAB	18.02	0.0	0.46	
LAB*LAB	18.02	0.0	0.0	
LAB*LAB	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*lab	0.0	0.0	0.0
lab*ch	0.0	0.0	0.0
lab*nch	0.0	0.0	0.0