

Eingabe: Farbmetrisches Reflexions-System ORS18

für Buntton $h^* = lab^*h = 38/360 = 0.105$

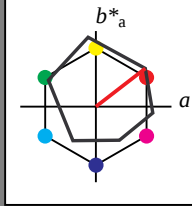
lab^*ch und lab^*nch

D65: Buntton O

LCH*Ma: 48 83 38

rgb*Ma: 1.0 0.0 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	0.0
LAB*LABa	95.41	0.0	0.0	0.0
LAB*LABb	99.99	0.01	0.0	0.0

standard and adapted CIELAB

LAB*LAB	95.41	-0.97	47.5	0.0
LAB*LABa	95.41	0.0	0.0	0.0
LAB*LABb	99.99	0.01	0.0	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	-

relative Inform. Technology (IT)

olvi3*	1.0	0.75	0.75	(1.0)
cmyn3*	0.0	0.25	0.25	(0.0)
olvi4*	1.0	0.75	0.75	(1.0)
cmyn4*	0.0	0.25	0.25	(0.0)
LAB*LAB	83.54	15.58	16.58	0.0
LAB*LABa	83.54	16.34	12.62	0.0
LAB*LABb	97.5	20.65	37.7	0.0

standard and adapted CIELAB

LAB*LAB	83.54	15.58	16.58	0.0
LAB*LABa	83.54	16.34	12.62	0.0
LAB*LABb	97.5	20.65	37.7	0.0

relative CIELAB lab*

lab*lab	0.847	0.198	0.153	0.0
lab*lab	0.875	0.25	0.105	0.0
lab*lab	0.875	0.25	0.105	0.0
lab*lab	0.875	0.25	0.105	0.0
lab*lab	0.875	0.25	0.105	0.0

relative Natural Colour (NC)

lab*lab	0.847	0.198	0.153	0.0
lab*lab	0.875	0.25	0.105	0.0
lab*lab	0.875	0.25	0.105	0.0
lab*lab	0.875	0.25	0.105	0.0
lab*lab	0.875	0.25	0.105	0.0

ORS18; adaptierte CIELAB-Daten

	L*	a*	b*	C*	h*
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

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

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

relative Inform. Technology (IT)

olvi3*	1.0	0.5	0.5	(1.0)
cmyn3*	0.0	0.5	0.5	(0.0)
olvi4*	1.0	0.5	0.5	(1.0)
cmyn4*	0.0	0.5	0.5	(0.0)
LAB*LAB	71.67	32.15	28.41	0.0
LAB*LABa	71.67	32.15	28.41	0.0
LAB*LABb	97.5	20.65	37.7	0.0

standard and adapted CIELAB

LAB*LAB	71.67	32.15	28.41	0.0
LAB*LABa	71.67	32.15	28.41	0.0
LAB*LABb	97.5	20.65	37.7	0.0

relative CIELAB lab*

lab*lab	0.693	0.396	0.306	0.0
lab*lab	0.75	0.5	0.105	0.0
lab*lab	0.75	0.5	0.105	0.0
lab*lab	0.75	0.5	0.105	0.0
lab*lab	0.75	0.5	0.105	0.0

relative Natural Colour (NC)

lab*lab	0.693	0.396	0.306	0.0
lab*lab	0.75	0.5	0.105	0.0
lab*lab	0.75	0.5	0.105	0.0
lab*lab	0.75	0.5	0.105	0.0
lab*lab	0.75	0.5	0.105	0.0

relative Inform. Technology (IT)

olvi3*	1.0	0.5	0.5	(1.0)
cmyn3*	0.0	0.5	0.5	(0.0)
olvi4*	1.0	0.5	0.5	(1.0)
cmyn4*	0.0	0.5	0.5	(0.0)
LAB*LAB	59.81	48.72	40.24	0.0
LAB*LABa	59.81	48.72	40.24	0.0
LAB*LABb	97.5	20.65	37.7	0.0

standard and adapted CIELAB

LAB*LAB	59.81	48.72	40.24	0.0
LAB*LABa	59.81	48.72	40.24	0.0
LAB*LABb	97.5	20.65	37.7	0.0

relative CIELAB lab*

lab*lab	0.54	0.593	0.459	0.0
lab*lab	0.625	0.75	0.105	0.0
lab*lab	0.625	0.75	0.105	0.0
lab*lab	0.625	0.75	0.105	0.0
lab*lab	0.625	0.75	0.105	0.0

relative Natural Colour (NC)

lab*lab	0.54	0.593	0.459	0.0
lab*lab	0.625	0.75	0.105	0.0
lab*lab	0.625	0.75	0.105	0.0
lab*lab	0.625	0.75	0.105	0.0
lab*lab	0.625	0.75	0.105	0.0

relative Inform. Technology (IT)

olvi3*	1.0	0.0	0.0	(1.0)
cmyn3*	0.0	1.0	1.0	(0.0)
olvi4*	1.0	0.0	0.0	(1.0)
cmyn4*	0.0	1.0	1.0	(0.0)
LAB*LAB	49.17	38.93	39.93	0.0
LAB*LABa	49.17	38.93	39.93	0.0
LAB*LABb	97.5	20.65	37.7	0.0

standard and adapted CIELAB

LAB*LAB	49.17	38.93	39.93	0.0
LAB*LABa	49.17	38.93	39.93	0.0
LAB*LABb	97.5	20.65	37.7	0.0

relative CIELAB lab*

lab*lab	0.387	0.791	0.611	0.0
lab*lab	0.5	0.0	0.105	0.0
lab*lab	0.5	0.0	0.105	0.0
lab*lab	0.5	0.0	0.105	0.0
lab*lab	0.5	0.0	0.105	0.0

relative Natural Colour (NC)

lab*lab	0.387	0.791	0.611	0.0
lab*lab	0.5	0.0	0.105	0.0
lab*lab	0.5	0.0	0.105	0.0
lab*lab	0.5	0.0	0.105	0.0
lab*lab	0.5	0.0	0.105	0.0

$n^* = 0.00$

$n^* = 0.25$

$n^* = 0.25$

Schwarzheit n^*

$n^* = 0.50$

$n^* = 0.75$

$n^* = 1.0$

UG510-7, 5 stufige Reihen für konstanten CIELAB Buntton 38/360 = 0.105 (links)

BAM-Prüfvorlage UG51; Farbmetrik-Systeme ORS18 & ORS18input: cmy0* setcmykcolor

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

Ausgabe: Farbmetrisches Reflexions-System MRS18a

für Buntton $h^* = lab^*h = 31/360 = 0.086$

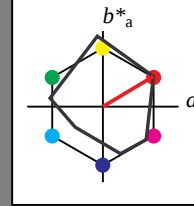
lab^*ch und lab^*nch

D65: Buntton R

LCH*Ma: 50 78 31

rgb*Ma: 1.0 0.0 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	0.0
LAB*LABa	95.41	0.0	0.0	0.0
LAB*LABb	99.99	0.01	0.0	0.0

standard and adapted CIELAB

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

1.00

0.75

relative Inform. Technology (IT)

olvi3*	1.0	0.75	0.75	(1.0)
cmyn3*	0.0	0.25	0.25	(0.0)
olvi4*	1.0	0.75	0.75	(1.0)
cmyn4*	0.0	0.25	0.25	(0.0)
LAB*LAB	76.06	0.03	0.0	0.0
LAB*LABa	76.06	0.03	0.0	0.0
LAB*LABb	99.99	0.01	0.0	0.0

standard and adapted CIELAB

LAB*LAB	76.06	0.03	0.0	0.0
LAB*LABa	76.06	0.03	0.0	0.0
LAB*LABb	99.99	0.01	0.0	0.0

relative CIELAB lab*

lab*lab	0.852	0.214	0.128	0.0
lab*lab	0.875	0.25	0.086	0.0
lab*lab	0.875	0.25	0.086	0.0
lab*lab	0.875	0.25	0.086	0.0
lab*lab	0.875	0.25	0.086	0.0

relative Natural Colour (NC)

lab*lab	0.852	0.214	0.128	0.0
lab*lab	0.875	0.25	0.086	0.0
lab*lab	0.875	0.25	0.086	0.0
lab*lab	0.875	0.25	0.086	0.0
lab*lab	0.875	0.25	0.086	0.0

relative Inform. Technology (IT)

olvi3*	1.0	0.5	0.5	(1.0)
cmyn3*	0.0	0.5	0.5	(0.0)
olvi4*	1.0	0.5	0.5	(1.0)
cmyn4*	0.0	0.5	0.5	(0.0)
LAB*LAB	64.61	16.7	10.01	0.0
LAB*LABa	64.61	16.7	10.01	0.0
LAB*LABb	97.5	20.65	37.7	0.0

standard and adapted CIELAB

LAB*LAB	64.61	16.7	10.01	0.0
LAB*LABa	64.61	16.7	10.01	0.0
LAB*LABb	97.5	20.65	37.7	0.0

relative CIELAB lab*

lab*lab	0.502	0.214	0.128	0.0
lab*lab	0.525	0.25	0.086	0.0
lab*lab	0.525	0.25	0.086	0.0
lab*lab	0.525	0.25	0.086	0.0
lab*lab	0.525	0.25	0.086	0.0

relative Natural Colour (NC)

lab*lab	0.502	0.214	0.128	0.0
lab*lab	0.525	0.25	0.086	0.0
lab*lab	0.525	0.25	0.086	0.0
lab*lab	0.525	0.25	0.086	0.0
lab*lab	0.525	0.25	0.086	0.0

relative Inform. Technology (IT)

olvi3*	1.0	0.25	0.25	(1.0)
cmyn3*	0.0	0.75	0.75	(0.0)
olvi4*	1.0	0.25	0.25	(1.0)
cmyn4*	0.0	0.75	0.75	(0.0)
LAB*LAB	45.26	16.77	10.02	0.0
LAB*LABa	45.26	16.77	10.02	0.0
LAB*LABb	97.5	20.65	37.7	0.0

standard and adapted CIELAB

LAB*LAB	45.26	16.77	10.02	0.0
LAB*LABa	45.26	16.77	10.02	0.0
LAB*LABb	97.5	20.65	37.7	0.0

relative CIELAB lab*

lab*lab	0.352	0.248	0.032	0.0
lab*lab	0.375	0.25	0.02	0.0
lab*lab	0.375	0.25	0.02	0.0
lab*lab	0.375	0.25	0.02	0.0
lab*lab	0.375	0.25	0.02	0.0

relative Natural Colour (NC)

lab*lab	0.352	0.248	0.032	0.0
lab*lab	0.375	0.25	0.02	0.0
lab*lab	0.375	0.25	0.02	0.0
lab*lab	0.375	0.25	0.02	0.0
lab*lab	0.375	0.25	0.02	0.0

relative Inform. Technology (IT)				
olvi3*	1.0	0.0	0.0	(1.0)
cmyn3*	0.0	1.0	1.0	(0.0)
olvi4*	1.0	0.0	1.0	(0.0)
cmyn4*	0.0	1.0	0.0	1.0
standard and adapted CIELAB				
LAB*LAB	18.02	0.1	0.02	
LAB*LABa	18.02	0.0	0.0	
LAB*LABb	97.5	20.65	37.7	0.0
LAB*LABc	0.01	0.01	-	
relative CIELAB lab*				
lab*lab	0.0	0.0	0.0	
lab*lab	0.0	0.0	-	
lab*lab	0.0	0.0	-	
lab*lab	1.0	0.0	-	
relative Natural Colour (NC)				
lab*lab	0.0	0.0	0.0	
lab*lab	0.0	0.0	-	
lab*lab	0.0	0.0	-	
lab*lab	1.0	0.0	-	

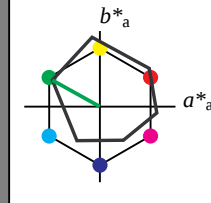
Eingabe: Farbmetrisches Reflexions-System ORS18

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)
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 47.5
LAB*LAB 95.41 0.0 0.0
LAB*TCa 99.99 0.01 -

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 -
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 -

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 -0.6 3.44
LAB*LAB 76.06 0.0 0.0
LAB*TCa 75.0 0.01 -

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 -
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 -

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)
standard and adapted CIELAB
LAB*LAB 56.71 -0.23 2.14
LAB*LAB 56.71 0.0 0.0
LAB*TCa 50.0 0.01 -

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 -
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 -

relative Inform. Technology (IT)
olvi3* 0.25 0.25 0.25 (0.0)
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)
standard and adapted CIELAB
LAB*LAB 37.36 -0.83 0.83
LAB*LAB 37.36 0.0 0.0
LAB*TCa 25.0 0.01 -

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 -
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 -

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 (0.0)
cmyn4* 0.0 0.0 0.0 (1.0)
standard and adapted CIELAB
LAB*LAB 18.02 0.0 0.46
LAB*LAB 18.02 0.0 0.0
LAB*TCa 0.01 0.01 -

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

$n^* = 1.0$

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 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 0.0 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 73.15 -31.94 20.73
LAB*LAB 73.15 -31.94 20.73
LAB*TCa 75.0 35.93 150.91

relative CIELAB lab*
lab*lab 0.712 -0.436 0.243
lab*ch 0.75 0.5 0.419
lab*nch 0.0 0.5 0.419
relative Natural Colour (NC)
lab*trj 0.712 -0.478 0.144
lab*trc 0.75 0.5 0.453
lab*ncc 0.0 0.5 0.818

relative Inform. Technology (IT)
olvi3* 0.25 0.75 0.25 (1.0)
cmyn3* 0.75 0.25 0.75 (0.0)
olvi4* 0.5 1.0 0.5 (0.75)
cmyn4* 0.5 0.0 0.5 (0.25)
standard and adapted CIELAB
LAB*LAB 53.8 -31.39 17.47
LAB*LAB 53.8 -31.39 17.47
LAB*TCa 50.0 35.94 150.91

relative CIELAB lab*
lab*lab 0.462 -0.436 0.243
lab*ch 0.75 0.5 0.419
lab*nch 0.0 0.5 0.419
relative Natural Colour (NC)
lab*trj 0.462 -0.478 0.144
lab*trc 0.75 0.5 0.453
lab*ncc 0.0 0.5 0.818

relative Inform. Technology (IT)
olvi3* 0.0 0.5 0.0 (1.0)
cmyn3* 1.0 0.5 0.0 (0.0)
olvi4* 0.5 0.5 0.0 (0.5)
cmyn4* 0.5 0.0 0.5 (0.25)
standard and adapted CIELAB
LAB*LAB 34.46 -31.2 18.11
LAB*LAB 34.46 -31.2 18.11
LAB*TCa 25.01 35.93 150.91

relative CIELAB lab*
lab*lab 0.213 -0.436 0.243
lab*ch 0.25 0.5 0.419
lab*nch 0.0 0.5 0.419
relative Natural Colour (NC)
lab*trj 0.213 -0.478 0.144
lab*trc 0.25 0.5 0.453
lab*ncc 0.0 0.5 0.818

$n^* = 0.50$

$n^* = 0.00$

$n^* = 0.25$

$n^* = 0.50$

$n^* = 0.75$

$n^* = 1.0$

relative Buntheit c^*

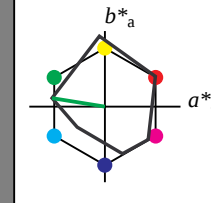
Ausgabe: Farbmetrisches Reflexions-System MRS18a

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

lab^*tch 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)
standard and adapted CIELAB
LAB*LAB 95.41 0.01 0.0
LAB*LAB 95.41 0.0 0.0
LAB*TCa 99.99 0.01 -

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 -
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 -

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*LAB 76.06 0.0 0.0
LAB*TCa 75.0 0.01 -

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 -
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 -

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)
standard and adapted CIELAB
LAB*LAB 56.71 0.05 0.0
LAB*LAB 56.71 0.0 0.0
LAB*TCa 50.0 0.01 -

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 -
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 -

relative Inform. Technology (IT)
olvi3* 0.25 0.25 0.25 (0.0)
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)
standard and adapted CIELAB
LAB*LAB 37.36 0.07 0.0
LAB*LAB 37.36 0.0 0.0
LAB*TCa 25.0 0.01 -

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 -
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 -

$n^* = 0.25$

$n^* = 0.50$

$n^* = 0.75$

$n^* = 1.0$

relative Buntheit c^*

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 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 0.0 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 73.15 -31.94 20.73
LAB*LAB 73.15 -31.94 20.73
LAB*TCa 75.0 35.93 150.91

relative CIELAB lab*
lab*lab 0.712 -0.436 0.243
lab*ch 0.75 0.5 0.419
lab*nch 0.0 0.5 0.419
relative Natural Colour (NC)
lab*trj 0.712 -0.478 0.144
lab*trc 0.75 0.5 0.453
lab*ncc 0.0 0.5 0.818

relative Inform. Technology (IT)
olvi3* 0.25 0.75 0.25 (1.0)
cmyn3* 0.75 0.25 0.75 (0.0)
olvi4* 0.5 1.0 0.5 (0.75)
cmyn4* 0.5 0.0 0.5 (0.25)
standard and adapted CIELAB
LAB*LAB 53.8 -31.39 17.47
LAB*LAB 53.8 -31.39 17.47
LAB*TCa 50.0 35.94 150.91

relative CIELAB lab*
lab*lab 0.462 -0.436 0.243
lab*ch 0.75 0.5 0.419
lab*nch 0.0 0.5 0.419
relative Natural Colour (NC)
lab*trj 0.462 -0.478 0.144
lab*trc 0.75 0.5 0.453
lab*ncc 0.0 0.5 0.818

relative Inform. Technology (IT)
olvi3* 0.0 0.5 0.0 (1.0)
cmyn3* 1.0 0.5 0.0 (0.0)
olvi4* 0.5 0.5 0.0 (0.5)
cmyn4* 0.5 0.0 0.5 (0.25)
standard and adapted CIELAB
LAB*LAB 34.46 -31.2 18.11
LAB*LAB 34.46 -31.2 18.11
LAB*TCa 25.01 35.93 150.91

relative CIELAB lab*
lab*lab 0.213 -0.436 0.243
lab*ch 0.25 0.5 0.419
lab*nch 0.0 0.5 0.419
relative Natural Colour (NC)
lab*trj 0.213 -0.478 0.144
lab*trc 0.25 0.5 0.453
lab*ncc 0.0 0.5 0.818

$n^* = 0.50$

$n^* = 0.75$

$n^* = 1.0$

relative Buntheit c^*

UG510-7, 5 stufige Reihen für konstanten CIELAB Buntton 151/360 = 0.419 (links)

5 stufige Reihen für konstanten CIELAB Buntton 171/360 = 0.475 (rechts)

BAM-Prüfvorlage UG51; Farbmetrik-Systeme ORS18 & ORS18input: `cmY0* setcmykcolor`

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

Eingabe: Farbmetrisches Reflexions-System ORS18

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

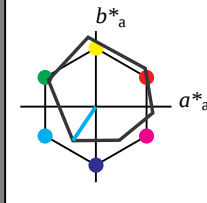
lab^*ch und lab^*nch

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)
standard and adapted CIELAB
LAB*LAB 95.41 -0.97 47.5
LAB*LABa 95.41 0.0 0.0
LAB*LABb 95.41 0.0 0.0
LAB*LABc 95.41 0.0 0.0

relative CIELAB lab*

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

relative Inform. Technology (IT)

olvi3* 0.75 0.75 0.75 (1.0)
cmyn3* 0.25 0.25 0.25 (0.0)
olvi4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 76.06 -0.6 3.44
LAB*LABa 76.06 0.0 0.0
LAB*LABb 76.06 0.0 0.0
LAB*LABc 76.06 0.0 0.0

relative CIELAB lab*

lab*lab 0.75 0.0 0.0
lab*ch 0.75 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.75 0.0 0.0
lab*trc 0.75 0.0 0.0
lab*ncc 0.0 0.0 0.0

relative Inform. Technology (IT)

olvi3* 0.5 0.5 0.5 (0.0)
cmyn3* 0.5 0.5 0.5 (0.0)
olvi4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 56.71 -0.23 2.14
LAB*LABa 56.71 0.0 0.0
LAB*LABb 56.71 0.0 0.0
LAB*LABc 56.71 0.0 0.0

relative CIELAB lab*

lab*lab 0.5 0.0 0.0
lab*ch 0.5 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.5 0.0 0.0
lab*trc 0.5 0.0 0.0
lab*ncc 0.0 0.0 0.0

relative Inform. Technology (IT)

olvi3* 0.25 0.25 0.25 (1.0)
cmyn3* 0.75 0.75 0.75 (0.0)
olvi4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 37.36 -0.38 0.83
LAB*LABa 37.36 0.0 0.0
LAB*LABb 37.36 0.0 0.0
LAB*LABc 37.36 0.0 0.0

relative CIELAB lab*

lab*lab 0.25 0.0 0.0
lab*ch 0.25 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.25 0.0 0.0
lab*trc 0.25 0.0 0.0
lab*ncc 0.0 0.0 0.0

relative Inform. Technology (IT)

olvi3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 1.0 (0.0)
olvi4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 18.02 0.0 0.46
LAB*LABa 18.02 0.0 0.0
LAB*LABb 18.02 0.0 0.0
LAB*LABc 18.02 0.0 0.0

relative CIELAB lab*

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

relative Inform. Technology (IT)

olvi3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 1.0 (0.0)
olvi4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 18.02 0.0 0.46
LAB*LABa 18.02 0.0 0.0
LAB*LABb 18.02 0.0 0.0
LAB*LABc 18.02 0.0 0.0

relative CIELAB lab*

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

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 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 77.01 -15.16 -19.98
LAB*LABa 77.01 0.0 0.0
LAB*LABb 77.01 0.0 0.0
LAB*LABc 77.01 0.0 0.0

relative CIELAB lab*

lab*lab 0.5 0.0 0.0
lab*ch 0.5 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.5 0.0 0.0
lab*trc 0.5 0.0 0.0
lab*ncc 0.0 0.0 0.0

relative Inform. Technology (IT)

olvi3* 0.25 0.25 0.25 (1.0)
cmyn3* 0.75 0.75 0.75 (0.0)
olvi4* 0.5 0.5 0.5 (1.0)
cmyn4* 0.5 0.5 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 57.66 -15.17 -22.5
LAB*LABa 57.66 0.0 0.0
LAB*LABb 57.66 0.0 0.0
LAB*LABc 57.66 0.0 0.0

relative CIELAB lab*

lab*lab 0.25 0.0 0.0
lab*ch 0.25 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.25 0.0 0.0
lab*trc 0.25 0.0 0.0
lab*ncc 0.0 0.0 0.0

relative Inform. Technology (IT)

olvi3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 1.0 (0.0)
olvi4* 0.5 0.5 0.5 (1.0)
cmyn4* 0.5 0.5 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 38.12 -15.03 -11.59
LAB*LABa 38.12 0.0 0.0
LAB*LABb 38.12 0.0 0.0
LAB*LABc 38.12 0.0 0.0

relative CIELAB lab*

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

relative Inform. Technology (IT)

olvi3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 1.0 (0.0)
olvi4* 0.5 0.5 0.5 (1.0)
cmyn4* 0.5 0.5 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 18.02 0.0 0.46
LAB*LABa 18.02 0.0 0.0
LAB*LABb 18.02 0.0 0.0
LAB*LABc 18.02 0.0 0.0

relative CIELAB lab*

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

relative Inform. Technology (IT)

olvi3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 1.0 (0.0)
olvi4* 0.5 0.5 0.5 (1.0)
cmyn4* 0.5 0.5 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 18.02 0.0 0.46
LAB*LABa 18.02 0.0 0.0
LAB*LABb 18.02 0.0 0.0
LAB*LABc 18.02 0.0 0.0

relative CIELAB lab*

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

Ausgabe: Farbmetrisches Reflexions-System MRS18a

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

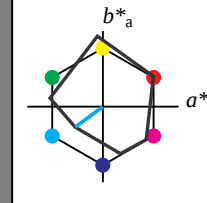
lab^*ch und lab^*nch

D65: Buntton G50B

LCH*Ma: 45 46 217

rgb*Ma: 0.0 1.0 1.0

Dreiecks-Helligkeit t^*



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 95.41 0.0 0.0
LAB*LABc 95.41 0.0 0.0

relative CIELAB lab*

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

relative Inform. Technology (IT)

olvi3* 0.75 0.75 0.75 (1.0)
cmyn3* 0.25 0.25 0.25 (0.0)
olvi4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 76.06 0.03 0.25
LAB*LABa 76.06 0.0 0.0
LAB*LABb 76.06 0.0 0.0
LAB*LABc 76.06 0.0 0.0

relative CIELAB lab*

lab*lab 0.75 0.0 0.0
lab*ch 0.75 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.75 0.0 0.0
lab*trc 0.75 0.0 0.0
lab*ncc 0.0 0.0 0.0

relative Inform. Technology (IT)

olvi3* 0.5 0.5 0.5 (0.0)
cmyn3* 0.5 0.5 0.5 (0.0)
olvi4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 56.71 0.05 0.1
LAB*LABa 56.71 0.0 0.0
LAB*LABb 56.71 0.0 0.0
LAB*LABc 56.71 0.0 0.0

relative CIELAB lab*

lab*lab 0.5 0.0 0.0
lab*ch 0.5 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.5 0.0 0.0
lab*trc 0.5 0.0 0.0
lab*ncc 0.0 0.0 0.0

relative Inform. Technology (IT)

olvi3* 0.25 0.25 0.25 (1.0)
cmyn3* 0.75 0.75 0.75 (0.0)
olvi4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 37.36 0.07 0.25
LAB*LABa 37.36 0.0 0.0
LAB*LABb 37.36 0.0 0.0
LAB*LABc 37.36 0.0 0.0

relative CIELAB lab*

lab*lab 0.25 0.0 0.0
lab*ch 0.25 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.25 0.0 0.0
lab*trc 0.25 0.0 0.0
lab*ncc 0.0 0.0 0.0

relative Inform. Technology (IT)

olvi3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 1.0 (0.0)
olvi4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 18.02 0.0 0.46
LAB*LABa 18.02 0.0 0.0
LAB*LABb 18.02 0.0 0.0
LAB*LABc 18.02 0.0 0.0

relative CIELAB lab*

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

relative Inform. Technology (IT)

olvi3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 1.0 (0.0)
olvi4* 0.5 0.5 0.5 (1.0)
cmyn4* 0.5 0.5 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 18.02 0.0 0.46
LAB*LABa 18.02 0.0 0.0
LAB*LABb 18.02 0.0 0.0
LAB*LABc 18.02 0.0 0.0

relative CIELAB lab*

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

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* 0.5 0.5 0.5 (1.0)
cmyn4* 0.5 0.5 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 70.21 -18.28 -13.55
LAB*LABa 70.21 0.0 0.0
LAB*LABb 70.21 0.0 0.0
LAB*LABc 70.21 0.0 0.0

relative CIELAB lab*

lab*lab 0.5 0.0 0.0
lab*ch 0.5 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.5 0.0 0.0
lab*trc 0.5 0.0 0.0
lab*ncc 0.0 0.0 0.0

relative Inform. Technology (IT)

olvi3* 0.25 0.25 0.25 (1.0)
cmyn3* 0.75 0.75 0.75 (0.0)
olvi4* 0.5 0.5 0.5 (1.0)
cmyn4* 0.5 0.5 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 50.87 -18.26 -13.54
LAB*LABa 50.87 0.0 0.0
LAB*LABb 50.87 0.0 0.0
LAB*LABc 50.87 0.0 0.0

relative CIELAB lab*

lab*lab 0.25 0.0 0.0
lab*ch 0.25 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.25 0.0 0.0
lab*trc 0.25 0.0 0.0
lab*ncc 0.0 0.0 0.0

relative Inform. Technology (IT)

olvi3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 1.0 (0.0)
olvi4* 0.5 0.5 0.5 (1.0)
cmyn4* 0.5 0.5 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 31.52 -13.53 -13.53
LAB*LABa 31.52 0.0 0.0
LAB*LABb 31.52 0.0 0.0
LAB*LABc 31.52 0.0 0.0

relative CIELAB lab*

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

relative Inform. Technology (IT)

olvi3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 1.0 (0.0)
olvi4* 0.5 0.5 0.5 (1.0)
cmyn4* 0.5 0.5 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 18.02 0.0 0.46
LAB*LABa 18.02 0.0 0.0
LAB*LABb 18.02 0.0 0.0
LAB*LABc 18.02 0.0 0.0

relative CIELAB lab*

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

relative Inform. Technology (IT)

olvi3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 1.0 (0.0)
olvi4* 0.5 0.5 0.5 (1.0)
cmyn4* 0.5 0.5 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 18.02 0.0 0.46
LAB*LABa 18.02 0.0 0.0
LAB*LABb 18.02 0.0 0.0
LAB*LABc

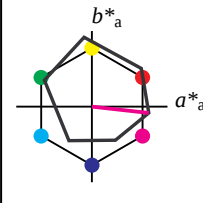
Eingabe: Farbmetrisches Reflexions-System ORS18

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

lab^*ch und lab^*nch

D65: Buntton M
LCH*Ma: 48 76 354
rgb*Ma: 1.0 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 47.5
LAB*LAB 95.41 0.0 0.0
LAB*LAB 99.99 0.01 -

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

standard and adapted CIELAB
LAB*LAB 76.06 -0.6 3.44
LAB*LAB 76.06 0.0 0.0
LAB*LAB 76.06 0.0 0.0
LAB*LAB 76.06 0.0 0.0

relative CIELAB lab*
lab*lab 0.75 0.5 0.0
lab*ch 0.75 0.5 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.75 0.5 0.0
lab*trc 0.75 0.5 0.0
lab*ncc 0.0 0.0 0.0

standard and adapted CIELAB
LAB*LAB 56.71 -0.23 2.14
LAB*LAB 56.71 0.0 0.0
LAB*LAB 56.71 0.0 0.0
LAB*LAB 56.71 0.0 0.0

relative CIELAB lab*
lab*lab 0.5 0.0 0.0
lab*ch 0.5 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.5 0.0 0.0
lab*trc 0.5 0.0 0.0
lab*ncc 0.0 0.0 0.0

standard and adapted CIELAB
LAB*LAB 37.36 -0.07 0.63
LAB*LAB 37.36 0.0 0.0
LAB*LAB 37.36 0.0 0.0
LAB*LAB 37.36 0.0 0.0

relative CIELAB lab*
lab*lab 0.25 0.0 0.0
lab*ch 0.25 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.25 0.0 0.0
lab*trc 0.25 0.0 0.0
lab*ncc 0.0 0.0 0.0

standard and adapted CIELAB
LAB*LAB 18.02 0.0 0.0
LAB*LAB 18.02 0.0 0.0
LAB*LAB 18.02 0.0 0.0
LAB*LAB 18.02 0.0 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

standard and adapted CIELAB
LAB*LAB 0.01 0.01 -
LAB*LAB 0.01 0.01 -
LAB*LAB 0.01 0.01 -
LAB*LAB 0.01 0.01 -

relative Inform. Technology (IT)
olvi3* 1.0 0.75 1.0 (1.0)
cmyn3* 0.0 0.25 0.0 (0.0)
olvi4* 1.0 0.75 1.0 (1.0)
cmyn4* 0.0 0.25 0.0 (0.0)
LAB*LAB 83.59 18.06 1.87
LAB*LAB 83.59 18.06 1.87
LAB*LAB 83.59 18.06 1.87

relative CIELAB lab*
lab*lab 0.847 0.248 -0.027
lab*ch 0.875 0.25 0.982
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.847 0.248 -0.027
lab*trc 0.875 0.25 0.982
lab*ncc 0.0 0.0 0.0

standard and adapted CIELAB
LAB*LAB 64.24 18.43 0.56
LAB*LAB 64.24 18.43 0.56
LAB*LAB 64.24 18.43 0.56
LAB*LAB 64.24 18.43 0.56

relative CIELAB lab*
lab*lab 0.597 0.248 -0.027
lab*ch 0.625 0.25 0.982
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.597 0.248 -0.027
lab*trc 0.625 0.25 0.982
lab*ncc 0.0 0.0 0.0

standard and adapted CIELAB
LAB*LAB 44.89 18.06 -0.73
LAB*LAB 44.89 18.06 -0.73
LAB*LAB 44.89 18.06 -0.73
LAB*LAB 44.89 18.06 -0.73

relative CIELAB lab*
lab*lab 0.347 0.248 -0.027
lab*ch 0.375 0.25 0.982
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.347 0.248 -0.027
lab*trc 0.375 0.25 0.982
lab*ncc 0.0 0.0 0.0

standard and adapted CIELAB
LAB*LAB 33.08 37.84 0.62
LAB*LAB 33.08 37.84 0.62
LAB*LAB 33.08 37.84 0.62
LAB*LAB 33.08 37.84 0.62

relative CIELAB lab*
lab*lab 0.195 0.248 -0.027
lab*ch 0.215 0.25 0.982
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.195 0.248 -0.027
lab*trc 0.215 0.25 0.982
lab*ncc 0.0 0.0 0.0

standard and adapted CIELAB
LAB*LAB 25.54 18.06 -2.08
LAB*LAB 25.54 18.06 -2.08
LAB*LAB 25.54 18.06 -2.08
LAB*LAB 25.54 18.06 -2.08

relative CIELAB lab*
lab*lab 0.097 0.248 -0.027
lab*ch 0.125 0.25 0.982
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.097 0.248 -0.027
lab*trc 0.125 0.25 0.982
lab*ncc 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* 1.0 0.5 1.0 (1.0)
cmyn3* 0.0 0.5 0.0 (0.0)
olvi4* 1.0 0.5 1.0 (1.0)
cmyn4* 0.0 0.5 0.0 (0.0)
LAB*LAB 71.77 37.63 -4.17
LAB*LAB 71.77 37.63 -4.17
LAB*LAB 71.77 37.63 -4.17

relative CIELAB lab*
lab*lab 0.695 0.497 -0.054
lab*ch 0.75 0.5 0.982
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.695 0.497 -0.054
lab*trc 0.75 0.5 0.982
lab*ncc 0.0 0.0 0.0

standard and adapted CIELAB
LAB*LAB 59.95 56.14 -3.9
LAB*LAB 59.95 56.14 -3.9
LAB*LAB 59.95 56.14 -3.9
LAB*LAB 59.95 56.14 -3.9

relative CIELAB lab*
lab*lab 0.542 0.745 -0.082
lab*ch 0.625 0.75 0.982
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.542 0.745 -0.082
lab*trc 0.625 0.75 0.982
lab*ncc 0.0 0.0 0.0

standard and adapted CIELAB
LAB*LAB 48.14 75.18 -6.78
LAB*LAB 48.14 75.18 -6.78
LAB*LAB 48.14 75.18 -6.78
LAB*LAB 48.14 75.18 -6.78

relative CIELAB lab*
lab*lab 0.389 0.909 -0.416
lab*ch 0.389 0.909 -0.416
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.389 0.909 -0.416
lab*trc 0.389 0.909 -0.416
lab*ncc 0.0 0.0 0.0

standard and adapted CIELAB
LAB*LAB 37.51 56.79 353.66
LAB*LAB 37.51 56.79 353.66
LAB*LAB 37.51 56.79 353.66
LAB*LAB 37.51 56.79 353.66

relative CIELAB lab*
lab*lab 0.292 0.745 -0.082
lab*ch 0.375 0.75 0.982
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.292 0.745 -0.082
lab*trc 0.375 0.75 0.982
lab*ncc 0.0 0.0 0.0

standard and adapted CIELAB
LAB*LAB 33.08 37.84 0.62
LAB*LAB 33.08 37.84 0.62
LAB*LAB 33.08 37.84 0.62
LAB*LAB 33.08 37.84 0.62

$n^* = 0.00$

$n^* = 0.25$

Schwarzheit n^*

$n^* = 0.50$

0.25

0.50

0.75

1.00

relative Buntheit c^*

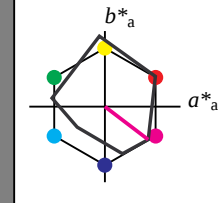
Ausgabe: Farbmetrisches Reflexions-System MRS18a

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

lab^*ch und lab^*nch

D65: Buntton B50R
LCH*Ma: 35 72 323
rgb*Ma: 1.0 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 0.01 0.0
LAB*LAB 95.41 0.01 0.0
LAB*LAB 99.99 0.01 -

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

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
LAB*LAB 76.06 0.03 0.0

relative CIELAB lab*
lab*lab 0.75 0.5 0.0
lab*ch 0.75 0.5 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.75 0.5 0.0
lab*trc 0.75 0.5 0.0
lab*ncc 0.0 0.0 0.0

standard and adapted CIELAB
LAB*LAB 56.71 -0.23 2.14
LAB*LAB 56.71 -0.23 2.14
LAB*LAB 56.71 -0.23 2.14
LAB*LAB 56.71 -0.23 2.14

relative CIELAB lab*
lab*lab 0.5 0.0 0.0
lab*ch 0.5 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.5 0.0 0.0
lab*trc 0.5 0.0 0.0
lab*ncc 0.0 0.0 0.0

standard and adapted CIELAB
LAB*LAB 37.36 -0.07 0.63
LAB*LAB 37.36 -0.07 0.63
LAB*LAB 37.36 -0.07 0.63
LAB*LAB 37.36 -0.07 0.63

relative CIELAB lab*
lab*lab 0.25 0.0 0.0
lab*ch 0.25 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.25 0.0 0.0
lab*trc 0.25 0.0 0.0
lab*ncc 0.0 0.0 0.0

standard and adapted CIELAB
LAB*LAB 18.02 0.0 0.0
LAB*LAB 18.02 0.0 0.0
LAB*LAB 18.02 0.0 0.0
LAB*LAB 18.02 0.0 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

standard and adapted CIELAB
LAB*LAB 0.01 0.01 -
LAB*LAB 0.01 0.01 -
LAB*LAB 0.01 0.01 -
LAB*LAB 0.01 0.01 -

relative Inform. Technology (IT)
olvi3* 1.0 0.75 1.0 (1.0)
cmyn3* 0.0 0.25 0.0 (0.0)
olvi4* 1.0 0.75 1.0 (1.0)
cmyn4* 0.0 0.25 0.0 (0.0)
LAB*LAB 80.29 14.31 -10.89
LAB*LAB 80.29 14.31 -10.89
LAB*LAB 80.29 14.31 -10.89

relative CIELAB lab*
lab*lab 0.805 0.199 -0.15
lab*ch 0.875 0.25 0.896
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.805 0.199 -0.15
lab*trc 0.875 0.25 0.896
lab*ncc 0.0 0.0 0.0

standard and adapted CIELAB
LAB*LAB 60.94 14.37 -10.88
LAB*LAB 60.94 14.37 -10.88
LAB*LAB 60.94 14.37 -10.88
LAB*LAB 60.94 14.37 -10.88

relative CIELAB lab*
lab*lab 0.555 0.199 -0.15
lab*ch 0.625 0.25 0.896
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.555 0.199 -0.15
lab*trc 0.625 0.25 0.896
lab*ncc 0.0 0.0 0.0

standard and adapted CIELAB
LAB*LAB 45.83 28.64 -21.8
LAB*LAB 45.83 28.64 -21.8
LAB*LAB 45.83 28.64 -21.8
LAB*LAB 45.83 28.64 -21.8

relative CIELAB lab*
lab*lab 0.339 0.324 -0.38
lab*ch 0.339 0.324 -0.38
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.339 0.324 -0.38
lab*trc 0.339 0.324 -0.38
lab*ncc 0.0 0.0 0.0

standard and adapted CIELAB
LAB*LAB 26.48 28.64 -21.79
LAB*LAB 26.48 28.64 -21.79
LAB*LAB 26.48 28.64 -21.79
LAB*LAB 26.48 28.64 -21.79

relative CIELAB lab*
lab*lab 0.154 0.486 -0.57
lab*ch 0.154 0.486 -0.57
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.154 0.486 -0.57
lab*trc 0.154 0.486 -0.57
lab*ncc 0.0 0.0 0.0

standard and adapted CIELAB
LAB*LAB 12.5 17.99 322.71
LAB*LAB 12.5 17.99 322.71
LAB*LAB 12.5 17.99 322.71
LAB*LAB 12.5 17.99 322.71

relative CIELAB lab*
lab*lab 0.055 0.199 -0.15
lab*ch 0.125 0.25 0.896
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.055 0.199 -0.15
lab*trc 0.125 0.25 0.896
lab*ncc 0.0 0.0 0.0

relative Inform. Technology (IT)
olvi3* 1.0 0.5 1.0 (1.0)
cmyn3* 0.0 0.5 0.0 (0.0)
olvi4* 1.0 0.5 1.0 (1.0)
cmyn4* 0.0 0.5 0.0 (0.0)
LAB*LAB 65.17 28.63 21.79
LAB*LAB 65.17 28.63 21.79
LAB*LAB 65.17 28.63 21.79

relative CIELAB lab*
lab*lab 0.609 0.398 -0.302
lab*ch 0.75 0.5 0.896
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.609 0.398 -0.302
lab*trc 0.75 0.5 0.896
lab*ncc 0.0 0.0 0.0

standard and adapted CIELAB
LAB*LAB 50.06 43.01 -32.68
LAB*LAB 50.06 43.01 -32.68
LAB*LAB 50.06 43.01 -32.68
LAB*LAB 50.06 43.01 -32.68

relative CIELAB lab*
lab*lab 0.414 0.486 -0.57
lab*ch 0.414 0.486 -0.57
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.414 0.486 -0.57
lab*trc 0.414 0.486 -0.57
lab*ncc 0.0 0.0 0.0

standard and adapted CIELAB
LAB*LAB 34.95 57.34 -43.57
LAB*LAB 34.95 57.34 -43.57
LAB*LAB 34.95 57.34 -43.57
LAB*LAB 34.95 57.34 -43.57

relative CIELAB lab*
lab*lab 0.219 0.648 -0.761
lab*ch 0.219 0.648 -0.761
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.219 0.648 -0.761
lab*trc 0.219 0.648 -0.761
lab*ncc 0.0 0.0 0.0

standard and adapted CIELAB
LAB*LAB 19.17 17.99 322.71
LAB*LAB 19.17 17.99 322.71
LAB*LAB 19.17 17.99 322.71
LAB*LAB 19.17 17.99 322.71

relative CIELAB lab*
lab*lab 0.164 0.597 -0.453
lab*ch 0.164 0.597 -0.453
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.164 0.597 -0.453
lab*trc 0.164 0.597 -0.453
lab*ncc 0.0 0.0 0.0

standard and adapted CIELAB
LAB*LAB 12.5 17.99 322.71
LAB*LAB 12.5 17.99 322.71
LAB*LAB 12.5 17.99 322.71
LAB*LAB 12.5 17.99 322.71

relative CIELAB lab*
lab*lab 0.055 0.199 -0.15
lab*ch 0.125 0.25 0.896
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.055 0.199 -0.15
lab*trc 0.125 0.25 0.896
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

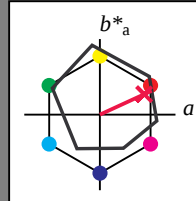
Eingabe: Farbmetrisches Reflexions-System ORS18

für Buntton $h^* = lab^*h = 25/360 = 0.069$ lab^*ch und lab^*nch

D65: Buntton R

LCH*Ma: 48 75 25

rgb*Ma: 1.0 0.0 0.32

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*LABa	95.41	0.0	0.0	0.0
LAB*LABb	99.99	0.01	0.0	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	-
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)
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*LABa	76.06	0.0	0.0	0.0
LAB*LABb	75.00	0.01	0.0	0.0

relative CIELAB lab*

lab*lab	0.75	0.75	0.75	0.0
lab*lab	0.75	0.75	0.75	0.0
lab*lab	0.75	0.75	0.75	0.0
lab*lab	0.75	0.75	0.75	0.0
lab*lab	0.75	0.75	0.75	0.0
lab*lab	0.75	0.75	0.75	0.0
lab*lab	0.75	0.75	0.75	0.0
lab*lab	0.75	0.75	0.75	0.0
lab*lab	0.75	0.75	0.75	0.0
lab*lab	0.75	0.75	0.75	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*LABa	56.71	0.0	0.0	0.0
LAB*LABb	55.00	0.01	0.0	0.0

relative CIELAB lab*

lab*lab	0.5	0.5	0.5	0.0
lab*lab	0.5	0.5	0.5	0.0
lab*lab	0.5	0.5	0.5	0.0
lab*lab	0.5	0.5	0.5	0.0
lab*lab	0.5	0.5	0.5	0.0
lab*lab	0.5	0.5	0.5	0.0
lab*lab	0.5	0.5	0.5	0.0
lab*lab	0.5	0.5	0.5	0.0
lab*lab	0.5	0.5	0.5	0.0
lab*lab	0.5	0.5	0.5	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	-0.38	0.63	0.0
LAB*LABa	37.36	0.0	0.0	0.0
LAB*LABb	35.00	0.01	0.0	0.0

relative CIELAB lab*

lab*lab	0.25	0.25	0.25	0.0
lab*lab	0.25	0.25	0.25	0.0
lab*lab	0.25	0.25	0.25	0.0
lab*lab	0.25	0.25	0.25	0.0
lab*lab	0.25	0.25	0.25	0.0
lab*lab	0.25	0.25	0.25	0.0
lab*lab	0.25	0.25	0.25	0.0
lab*lab	0.25	0.25	0.25	0.0
lab*lab	0.25	0.25	0.25	0.0
lab*lab	0.25	0.25	0.25	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	0.0
LAB*LABa	18.02	0.0	0.0	0.0
LAB*LABb	17.00	0.01	0.0	0.0

relative CIELAB lab*

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
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
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
lab*lab	0.0	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	0.0
LAB*LABa	18.02	0.0	0.0	0.0
LAB*LABb	17.00	0.01	0.0	0.0

relative CIELAB lab*

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
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
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
lab*lab	0.0	0.0	0.0	0.0

ORS18; adaptierte CIELAB-Daten

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

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

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

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

relative Inform. Technology (IT)

olvi3*	1.0	0.5	0.661	(1.0)
cmyn3*	0.0	0.5	0.339	(0.0)
olvi4*	1.0	0.5	0.661	(1.0)
cmyn4*	0.0	0.5	0.339	(0.0)
LAB*LAB	71.7	33.75	18.92	0.0
LAB*LABa	71.7	34.27	15.76	0.0
LAB*LABb	75.0	37.72	24.69	0.0

relative CIELAB lab*

lab*lab	0.694	0.454	0.209	0.0
lab*lab	0.694	0.454	0.209	0.0
lab*lab	0.694	0.454	0.209	0.0
lab*lab	0.694	0.454	0.209	0.0
lab*lab	0.694	0.454	0.209	0.0
lab*lab	0.694	0.454	0.209	0.0
lab*lab	0.694	0.454	0.209	0.0
lab*lab	0.694	0.454	0.209	0.0
lab*lab	0.694	0.454	0.209	0.0
lab*lab	0.694	0.454	0.209	0.0

relative Inform. Technology (IT)

olvi3*	0.75	0.25	0.411	(1.0)
cmyn3*	0.25	0.75	0.589	(0.0)
olvi4*	1.0	0.5	0.661	(1.0)
cmyn4*	0.0	0.5	0.339	(0.0)
LAB*LAB	52.36	34.28	15.77	0.0
LAB*LABa	52.36	34.28	15.77	0.0
LAB*LABb	50.0	37.73	24.69	0.0

relative CIELAB lab*

lab*lab	0.541	0.681	0.313	0.0
lab*lab	0.541	0.681	0.313	0.0
lab*lab	0.541	0.681	0.313	0.0
lab*lab	0.541	0.681	0.313	0.0
lab*lab	0.541	0.681	0.313	0.0
lab*lab	0.541	0.681	0.313	0.0
lab*lab	0.541	0.681	0.313	0.0
lab*lab	0.541	0.681	0.313	0.0
lab*lab	0.541	0.681	0.313	0.0
lab*lab	0.541	0.681	0.313	0.0

relative Inform. Technology (IT)

olvi3*	0.5	0.0	0.161	(1.0)
cmyn3*	0.5	0.0	0.839	(0.0)
olvi4*	1.0	0.0	0.661	(1.0)
cmyn4*	0.0	0.0	0.339	(0.0)
LAB*LAB	33.01	34.27	15.77	0.0
LAB*LABa	33.01	34.27	15.77	0.0
LAB*LABb	25.01	37.73	24.69	0.0

relative CIELAB lab*

lab*lab	0.291	0.681	0.313	0.0
lab*lab	0.291	0.681	0.313	0.0
lab*lab	0.291	0.681	0.313	0.0
lab*lab	0.291	0.681	0.313	0.0
lab*lab	0.291	0.681	0.313	0.0
lab*lab	0.291	0.681	0.313	0.0
lab*lab	0.291	0.681	0.313	0.0
lab*lab	0.291	0.681	0.313	0.0
lab*lab	0.291	0.681	0.313	0.0
lab*lab	0.291	0.681	0.313	0.0

relative Inform. Technology (IT)

olvi3*	0.25	0.0	0.089	(1.0)
cmyn3*	0.75	0.0	0.911	(0.0)
olvi4*	1.0	0.0	0.661	(1.0)
cmyn4*	0.0	0.0	0.339	(0.0)
LAB*LAB	25.51	34.27	15.77	0.0
LAB*LABa	25.51	34.27	15.77	0.0
LAB*LABb	17.00	37.73	24.69	0.0

relative CIELAB lab*

lab*lab	0.194	0.454	0.209	0.0
lab*lab	0.194	0.454	0.209	0.0
lab*lab	0.194	0.454	0.209	0.0
lab*lab	0.194	0.454	0.209	0.0
lab*lab	0.194	0.454	0.209	0.0
lab*lab	0.194	0.454	0.209	0.0
lab*lab	0.194	0.454	0.209	0.0
lab*lab	0.194	0.454	0.209	0.0
lab*lab	0.194	0.454	0.209	0.0
lab*lab	0.194	0.454	0.209	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)
LAB*LAB	18.02	0.0	0.46	0.0
LAB*LABa	18.02	0.0	0.0	0.0
LAB*LABb	17.00	0.01	0.0	0.0

relative CIELAB lab*

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
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
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
lab*lab	0.0	0.0	0.0	0.0

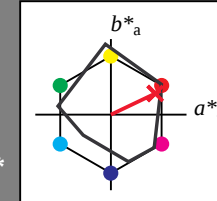
Ausgabe: Farbmetrisches Reflexions-System MRS18a

für Buntton $h^* = lab^*h = 25/360 = 0.071$ lab^*ch und lab^*nch

D65: Buntton R

LCH*Ma: 48 73 25

rgb*Ma: 1.0 0.0 0.1

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

relative CIELAB lab*

lab*lab	1.0
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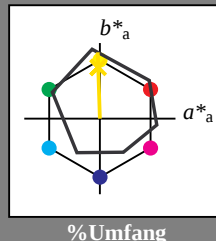
Eingabe: Farbmetrisches Reflexions-System ORS18

für Buntton $h^* = lab^*h = 92/360 = 0.255$

lab^*ch und lab^*nch

D65: Buntton J
LCH*Ma: 86 88 92
rgb*Ma: 1.0 0.9 0.0

Dreiecks-Helligkeit t^*



ORS18; adaptierte CIELAB-Daten

	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
QMa	49.94	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* 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 47.5
LAB*LAB 95.41 0.0 0.0
LAB*LAB 95.41 0.0 0.0

relative Inform. Technology (IT)
olvi3* 1.0 0.975 0.75 (1.0)
cmyn3* 0.0 0.025 0.25 (0.0)
olvi4* 1.0 0.975 0.75 (1.0)
cmyn4* 0.0 0.025 0.25 (0.0)
standard and adapted CIELAB
LAB*LAB 93.11 -1.64 26.52
LAB*LAB 93.11 -0.7 21.93
LAB*LAB 93.11 -0.7 21.93

relative Inform. Technology (IT)
olvi3* 1.0 0.951 0.5 (1.0)
cmyn3* 0.0 0.049 0.5 (0.0)
olvi4* 1.0 0.951 0.5 (1.0)
cmyn4* 0.0 0.049 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 90.8 -2.3 48.29
LAB*LAB 90.8 -1.41 43.85
LAB*LAB 90.8 -1.41 43.85

relative Inform. Technology (IT)
olvi3* 1.0 0.926 0.25 (1.0)
cmyn3* 0.0 0.074 0.25 (0.0)
olvi4* 1.0 0.926 0.25 (1.0)
cmyn4* 0.0 0.074 0.25 (0.0)
standard and adapted CIELAB
LAB*LAB 88.49 -2.96 70.06
LAB*LAB 88.49 -2.11 65.77
LAB*LAB 88.49 -2.11 65.77

relative Inform. Technology (IT)
olvi3* 1.0 0.901 0.0 (1.0)
cmyn3* 0.0 0.099 1.0 (0.0)
olvi4* 1.0 0.901 0.0 (1.0)
cmyn4* 0.0 0.099 1.0 (0.0)
standard and adapted CIELAB
LAB*LAB 86.15 -3.62 91.83
LAB*LAB 86.15 -2.82 87.69
LAB*LAB 86.15 -2.82 87.69

relative Inform. Technology (IT)
olvi3* 1.0 0.876 0.0 (1.0)
cmyn3* 0.0 0.124 0.0 (0.0)
olvi4* 1.0 0.876 0.0 (1.0)
cmyn4* 0.0 0.124 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 84.38 -4.38 92.34
LAB*LAB 84.38 -3.58 88.20
LAB*LAB 84.38 -3.58 88.20

relative Inform. Technology (IT)
olvi3* 1.0 0.851 0.0 (1.0)
cmyn3* 0.0 0.149 0.0 (0.0)
olvi4* 1.0 0.851 0.0 (1.0)
cmyn4* 0.0 0.149 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 82.61 -5.15 92.89
LAB*LAB 82.61 -4.35 88.65
LAB*LAB 82.61 -4.35 88.65

relative Inform. Technology (IT)
olvi3* 1.0 0.826 0.0 (1.0)
cmyn3* 0.0 0.174 0.0 (0.0)
olvi4* 1.0 0.826 0.0 (1.0)
cmyn4* 0.0 0.174 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 80.84 -5.92 93.44
LAB*LAB 80.84 -5.12 89.20
LAB*LAB 80.84 -5.12 89.20

relative Inform. Technology (IT)
olvi3* 1.0 0.801 0.0 (1.0)
cmyn3* 0.0 0.199 0.0 (0.0)
olvi4* 1.0 0.801 0.0 (1.0)
cmyn4* 0.0 0.199 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 79.07 -6.69 93.99
LAB*LAB 79.07 -5.89 89.75
LAB*LAB 79.07 -5.89 89.75

relative Inform. Technology (IT)
olvi3* 1.0 0.776 0.0 (1.0)
cmyn3* 0.0 0.224 0.0 (0.0)
olvi4* 1.0 0.776 0.0 (1.0)
cmyn4* 0.0 0.224 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 77.30 -7.46 94.54
LAB*LAB 77.30 -6.66 90.30
LAB*LAB 77.30 -6.66 90.30

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 -0.6 3.44
LAB*LAB 76.06 0.0 0.0
LAB*LAB 76.06 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)
standard and adapted CIELAB
LAB*LAB 76.06 -0.6 3.44
LAB*LAB 76.06 0.0 0.0
LAB*LAB 76.06 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)
standard and adapted CIELAB
LAB*LAB 76.06 -0.6 3.44
LAB*LAB 76.06 0.0 0.0
LAB*LAB 76.06 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)
standard and adapted CIELAB
LAB*LAB 76.06 -0.6 3.44
LAB*LAB 76.06 0.0 0.0
LAB*LAB 76.06 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)
standard and adapted CIELAB
LAB*LAB 76.06 -0.6 3.44
LAB*LAB 76.06 0.0 0.0
LAB*LAB 76.06 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)
standard and adapted CIELAB
LAB*LAB 76.06 -0.6 3.44
LAB*LAB 76.06 0.0 0.0
LAB*LAB 76.06 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)
standard and adapted CIELAB
LAB*LAB 76.06 -0.6 3.44
LAB*LAB 76.06 0.0 0.0
LAB*LAB 76.06 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)
standard and adapted CIELAB
LAB*LAB 76.06 -0.6 3.44
LAB*LAB 76.06 0.0 0.0
LAB*LAB 76.06 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)
standard and adapted CIELAB
LAB*LAB 76.06 -0.6 3.44
LAB*LAB 76.06 0.0 0.0
LAB*LAB 76.06 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)
standard and adapted CIELAB
LAB*LAB 76.06 -0.6 3.44
LAB*LAB 76.06 0.0 0.0
LAB*LAB 76.06 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 -0.23 2.14
LAB*LAB 56.71 0.0 0.0
LAB*LAB 56.71 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 -0.23 2.14
LAB*LAB 56.71 0.0 0.0
LAB*LAB 56.71 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 -0.23 2.14
LAB*LAB 56.71 0.0 0.0
LAB*LAB 56.71 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 -0.23 2.14
LAB*LAB 56.71 0.0 0.0
LAB*LAB 56.71 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 -0.23 2.14
LAB*LAB 56.71 0.0 0.0
LAB*LAB 56.71 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 -0.23 2.14
LAB*LAB 56.71 0.0 0.0
LAB*LAB 56.71 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 -0.23 2.14
LAB*LAB 56.71 0.0 0.0
LAB*LAB 56.71 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 -0.23 2.14
LAB*LAB 56.71 0.0 0.0
LAB*LAB 56.71 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 -0.23 2.14
LAB*LAB 56.71 0.0 0.0
LAB*LAB 56.71 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 -0.23 2.14
LAB*LAB 56.71 0.0 0.0
LAB*LAB 56.71 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)
standard and adapted CIELAB
LAB*LAB 37.36 -0.03 0.83
LAB*LAB 37.36 0.0 0.0
LAB*LAB 37.36 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)
standard and adapted CIELAB
LAB*LAB 37.36 -0.03 0.83
LAB*LAB 37.36 0.0 0.0
LAB*LAB 37.36 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)
standard and adapted CIELAB
LAB*LAB 37.36 -0.03 0.83
LAB*LAB 37.36 0.0 0.0
LAB*LAB 37.36 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)
standard and adapted CIELAB
LAB*LAB 37.36 -0.03 0.83
LAB*LAB 37.36 0.0 0.0
LAB*LAB 37.36 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)
standard and adapted CIELAB
LAB*LAB 37.36 -0.03 0.83
LAB*LAB 37.36 0.0 0.0
LAB*LAB 37.36 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)
standard and adapted CIELAB
LAB*LAB 37.36 -0.03 0.83
LAB*LAB 37.36 0.0 0.0
LAB*LAB 37.36 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)
standard and adapted CIELAB
LAB*LAB 37.36 -0.03 0.83
LAB*LAB 37.36 0.0 0.0
LAB*LAB 37.36 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)
standard and adapted CIELAB
LAB*LAB 37.36 -0.03 0.83
LAB*LAB 37.36 0.0 0.0
LAB*LAB 37.36 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)
standard and adapted CIELAB
LAB*LAB 37.36 -0.03 0.83
LAB*LAB 37.36 0.0 0.0
LAB*LAB 37.36 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)
standard and adapted CIELAB
LAB*LAB 37.36 -0.03 0.83
LAB*LAB 37.36 0.0 0.0
LAB*LAB 37.36 0.0 0.0

UG510-7, 5 stufige Reihen für konstanten CIELAB Buntton 92/360 = 0.255 (links)

5 stufige Reihen für konstanten CIELAB Buntton 92/360 = 0.256 (rechts)

BAM-Prüfvorlage UG51; Farbmetrik-Systeme ORS18 & ORS18input: cmy0* setcmycolor

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

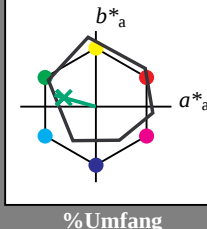
Eingabe: Farbmetrisches Reflexions-System ORS18

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 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 1.0 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
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*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 0.75 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
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 (0.5)
cmyn4* 0.0 0.0 0.0 (0.5)
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 0.5 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
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 (0.5)
cmyn4* 0.0 0.0 0.0 (0.5)
LAB*LAB 37.36 -0.03 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 0.25 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
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 (0.0)
cmyn4* 0.0 0.0 0.0 (1.0)
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 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

$n^* = 1.0$

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 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 74.1 -27.96 10.94
LAB*LAB 74.1 -27.96 10.94
LAB*LAB 75.0 28.44 164.46

relative CIELAB lab*
lab*lab 0.5 0.5 0.5 (1.0)
lab*ch 0.5 0.5 0.5 (1.0)
lab*nch 0.0 0.0 0.0 (0.0)
relative Natural Colour (NC)
lab*tr 0.5 0.5 0.5 (1.0)
lab*ce 0.5 0.5 0.5 (1.0)
lab*nce 0.0 0.0 0.0 (0.0)

relative Inform. Technology (IT)
olvi3* 0.25 0.75 0.125 (1.0)
cmyn3* 0.75 0.25 0.625 (0.0)
olvi4* 0.5 1.0 0.5 (1.0)
cmyn4* 0.5 0.0 0.5 (0.0)
LAB*LAB 54.75 -27.96 9.64
LAB*LAB 54.75 -27.96 9.64
LAB*LAB 50.0 28.44 164.46

relative CIELAB lab*
lab*lab 0.25 0.75 0.125 (1.0)
lab*ch 0.25 0.75 0.125 (1.0)
lab*nch 0.0 0.0 0.0 (0.0)
relative Natural Colour (NC)
lab*tr 0.25 0.75 0.125 (1.0)
lab*ce 0.25 0.75 0.125 (1.0)
lab*nce 0.0 0.0 0.0 (0.0)

relative Inform. Technology (IT)
olvi3* 0.0 0.5 0.5 (0.0)
cmyn3* 0.5 0.0 0.5 (0.0)
olvi4* 0.5 1.0 0.5 (0.5)
cmyn4* 0.5 0.0 0.5 (0.5)
LAB*LAB 35.41 -27.28 3.84
LAB*LAB 35.41 -27.28 3.84
LAB*LAB 30.0 28.44 164.46

relative CIELAB lab*
lab*lab 0.0 0.5 0.5 (0.0)
lab*ch 0.0 0.5 0.5 (0.0)
lab*nch 0.0 0.0 0.5 (0.5)
relative Natural Colour (NC)
lab*tr 0.0 0.5 0.5 (0.0)
lab*ce 0.0 0.5 0.5 (0.0)
lab*nce 0.0 0.0 0.5 (0.5)

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 (0.0)
cmyn4* 0.0 0.0 0.0 (1.0)
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 (1.0)
lab*ch 0.0 0.0 0.0 (1.0)
lab*nch 1.0 0.0 0.0 (0.0)
relative Natural Colour (NC)
lab*tr 0.0 0.0 0.0 (1.0)
lab*ce 0.0 0.0 0.0 (1.0)
lab*nce 1.0 0.0 0.0 (0.0)

$n^* = 0.50$

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 63.45 -41.46 14.03
LAB*LAB 63.45 -41.46 14.03
LAB*LAB 62.5 42.66 164.46

relative CIELAB lab*
lab*lab 0.25 1.0 0.25 (1.0)
lab*ch 0.25 1.0 0.25 (1.0)
lab*nch 0.0 0.0 0.25 (0.0)
relative Natural Colour (NC)
lab*tr 0.25 1.0 0.25 (1.0)
lab*ce 0.25 1.0 0.25 (1.0)
lab*nce 0.0 0.0 0.25 (0.0)

relative Inform. Technology (IT)
olvi3* 0.0 0.5 0.5 (0.0)
cmyn3* 0.5 0.0 0.5 (0.0)
olvi4* 0.5 1.0 0.5 (0.5)
cmyn4* 0.5 0.0 0.5 (0.5)
LAB*LAB 52.8 -54.79 15.24
LAB*LAB 52.8 -54.79 15.24
LAB*LAB 50.0 56.88 164.45

relative CIELAB lab*
lab*lab 0.0 0.5 0.5 (0.0)
lab*ch 0.0 0.5 0.5 (0.0)
lab*nch 0.0 0.0 0.5 (0.5)
relative Natural Colour (NC)
lab*tr 0.0 0.5 0.5 (0.0)
lab*ce 0.0 0.5 0.5 (0.0)
lab*nce 0.0 0.0 0.5 (0.5)

relative Inform. Technology (IT)
olvi3* 0.0 0.0 0.0 (1.0)
cmyn3* 0.0 0.0 0.0 (1.0)
olvi4* 0.0 0.0 0.0 (1.0)
cmyn4* 0.0 0.0 0.0 (1.0)
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 (1.0)
lab*ch 0.0 0.0 0.0 (1.0)
lab*nch 1.0 0.0 0.0 (0.0)
relative Natural Colour (NC)
lab*tr 0.0 0.0 0.0 (1.0)
lab*ce 0.0 0.0 0.0 (1.0)
lab*nce 1.0 0.0 0.0 (0.0)

$n^* = 0.25$

Schwarzheit n^*

relative Buntheit c^*

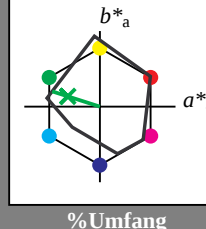
Ausgabe: Farbmetrisches Reflexions-System MRS18a

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

lab^*ch und lab^*nch

D65: Buntton G
LCH*Ma: 56 66 162
rgb*Ma: 0.11 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*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 1.0 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
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 0.03 0.5
LAB*LAB 76.06 0.0 0.0
LAB*LAB 75.0 0.01 0.0

relative CIELAB lab*
lab*lab 0.75 0.0 0.0
lab*ch 0.75 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*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 (0.5)
cmyn4* 0.0 0.0 0.0 (0.5)
LAB*LAB 56.71 0.05 0.5
LAB*LAB 56.71 0.0 0.0
LAB*LAB 50.0 0.01 0.0

relative CIELAB lab*
lab*lab 0.5 0.0 0.0
lab*ch 0.5 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*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 0.75 0.125 (1.0)
cmyn3* 0.75 0.25 0.625 (0.0)
olvi4* 0.5 1.0 0.5 (1.0)
cmyn4* 0.5 0.0 0.5 (0.0)
LAB*LAB 54.75 -27.96 9.64
LAB*LAB 54.75 -27.96 9.64
LAB*LAB 50.0 28.44 164.46

relative CIELAB lab*
lab*lab 0.25 0.75 0.125 (1.0)
lab*ch 0.25 0.75 0.125 (1.0)
lab*nch 0.0 0.0 0.0 (0.0)
relative Natural Colour (NC)
lab*tr 0.25 0.75 0.125 (1.0)
lab*ce 0.25 0.75 0.125 (1.0)
lab*nce 0.0 0.0 0.0 (0.0)

relative Inform. Technology (IT)
olvi3* 0.0 0.5 0.5 (0.0)
cmyn3* 0.5 0.0 0.5 (0.0)
olvi4* 0.5 1.0 0.5 (0.5)
cmyn4* 0.5 0.0 0.5 (0.5)
LAB*LAB 35.41 -27.28 3.84
LAB*LAB 35.41 -27.28 3.84
LAB*LAB 30.0 28.44 164.46

relative CIELAB lab*
lab*lab 0.0 0.5 0.5 (0.0)
lab*ch 0.0 0.5 0.5 (0.0)
lab*nch 0.0 0.0 0.5 (0.5)
relative Natural Colour (NC)
lab*tr 0.0 0.5 0.5 (0.0)
lab*ce 0.0 0.5 0.5 (0.0)
lab*nce 0.0 0.0 0.5 (0.5)

$n^* = 0.25$

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 (0.5)
cmyn4* 0.0 0.0 0.0 (0.5)
LAB*LAB 56.71 0.05 0.5
LAB*LAB 56.71 0.0 0.0
LAB*LAB 50.0 0.01 0.0

relative CIELAB lab*
lab*lab 0.5 0.0 0.0
lab*ch 0.5 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*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 0.75 0.125 (1.0)
cmyn3* 0.75 0.25 0.625 (0.0)
olvi4* 0.5 1.0 0.5 (1.0)
cmyn4* 0.5 0.0 0.5 (0.0)
LAB*LAB 54.75 -27.96 9.64
LAB*LAB 54.75 -27.96 9.64
LAB*LAB 50.0 28.44 164.46

relative CIELAB lab*
lab*lab 0.25 0.75 0.125 (1.0)
lab*ch 0.25 0.75 0.125 (1.0)
lab*nch 0.0 0.0 0.0 (0.0)
relative Natural Colour (NC)
lab*tr 0.25 0.75 0.125 (1.0)
lab*ce 0.25 0.75 0.125 (1.0)
lab*nce 0.0 0.0 0.0 (0.0)

relative Inform. Technology (IT)
olvi3* 0.0 0.5 0.5 (0.0)
cmyn3* 0.5 0.0 0.5 (0.0)
olvi4* 0.5 1.0 0.5 (0.5)
cmyn4* 0.5 0.0 0.5 (0.5)
LAB*LAB 35.41 -27.28 3.84
LAB*LAB 35.41 -27.28 3.84
LAB*LAB 30.0 28.44 164.46

relative CIELAB lab*
lab*lab 0.0 0.5 0.5 (0.0)
lab*ch 0.0 0.5 0.5 (0.0)
lab*nch 0.0 0.0 0.5 (0.5)
relative Natural Colour (NC)
lab*tr 0.0 0.5 0.5 (0.0)
lab*ce 0.0 0.5 0.5 (0.0)
lab*nce 0.0 0.0 0.5 (0.5)

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 (0.0)
cmyn4* 0.0 0.0 0.0 (1.0)
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 (1.0)
lab*ch 0.0 0.0 0.0 (1.0)
lab*nch 1.0 0.0 0.0 (0.0)
relative Natural Colour (NC)
lab*tr 0.0 0.0 0.0 (1.0)
lab*ce 0.0 0.0 0.0 (1.0)
lab*nce 1.0 0.0 0.0 (0.0)

$n^* = 1.0$

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 (0.5)
cmyn4* 0.0 0.0 0.0 (0.5)
LAB*LAB 56.71 0.05 0.5
LAB*LAB 56.71 0.0 0.0
LAB*LAB 50.0 0.01 0.0

relative CIELAB lab*
lab*lab 0.5 0.0 0.0
lab*ch 0.5 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*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 0.75 0.125 (1.0)
cmyn3* 0.75 0.25 0.625 (0.0)
olvi4* 0.5 1.0 0.5 (1.0)
cmyn4* 0.5 0.0 0.5 (0.0)
LAB*LAB 54.75 -27.96 9.64
LAB*LAB 54.75 -27.96 9.64
LAB*LAB 50.0 28.44 164.46

relative CIELAB lab*
lab*lab 0.25 0.75 0.125 (1.0)
lab*ch 0.25 0.75 0.125 (1.0)
lab*nch 0.0 0.0 0.0 (0.0)
relative Natural Colour (NC)
lab*tr 0.25 0.75 0.125 (1.0)
lab*ce 0.25 0.75 0.125 (1.0)
lab*nce 0.0 0.0 0.0 (0.0)

relative Inform. Technology (IT)
olvi3* 0.0 0.5 0.5 (0.0)
cmyn3* 0.5 0.0 0.5 (0.0)
olvi4* 0.5 1.0 0.5 (0.5)
cmyn4* 0.5 0.0 0.5 (0.5)
LAB*LAB 35.41 -27.28 3.84
LAB*LAB 35.41 -27.28 3.84
LAB*LAB 30.0 28.44 164.46

relative CIELAB lab*
lab*lab 0.0 0.5 0.5 (0.0)
lab*ch 0.0 0.5 0.5 (0.0)
lab*nch 0.0 0.0 0.5 (0.5)
relative Natural Colour (NC)
lab*tr 0.0 0.5 0.5 (0.0)
lab*ce 0.0 0.5 0.5 (0.0)
lab*nce 0.0 0.0 0.5 (0.5)

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 (0.0)
cmyn4* 0.0 0.0 0.0 (1.0)
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 (1.0)
lab*ch 0.0 0.0 0.0 (1.0)
lab*nch 1.0 0.0 0.0 (0.0)
relative Natural Colour (NC)
lab*tr 0.0 0.0 0.0 (1.0)
lab*ce 0.0 0.0 0.0 (1.0)
lab*nce 1.0 0.0 0.0 (0.0)

$n^* = 1.0$

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* 0.554 1.0
