

D50: 2 Koordinatendaten; 5stufige Farbreihen für 10 Bunttöne output: *Startup (S) data dependend*

Eingabe: Farbmetrisches Offset-Reflektiv-System ORS18

für Buntton $h^* = lab^*h = 231/360 = 0.641$

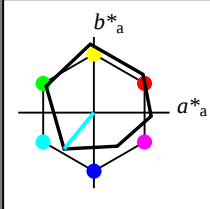
lab^*ch und lab^*nch

D50: Buntton C

LCH*Ma: 57 62 231

olv*Ma: 0.0 1.0 1.0

Dreiecks-Helligkeit t^*



%Umfang

$u^*_{rel} = 94$

relative Inform. Technology (IT)
olv3* 1.0 1.0 1.0 (1.0)
cmyn3* 0.0 0.0 0.0 (0.0)
olv4* 1.0 1.0 1.0 1.0
cmyn4* 0.0 0.0 0.0 0.0
standard and adapted CIELAB
LAB*LAB 95.46 -0.39 4.69
LAB*LAB 95.46 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 -
relative Natural Colour (NC)
lab*lr 1.0 0.0 -
lab*lc 1.0 0.0 -
lab*ncc 0.0 0.0 -

relative Inform. Technology (IT)
olv3* 0.75 0.75 0.75 (1.0)
cmyn3* 0.25 0.25 0.25 (0.0)
olv4* 1.0 1.0 1.0 0.75
cmyn4* 0.0 0.0 0.0 0.25
standard and adapted CIELAB
LAB*LAB 76.12 -0.12 3.4
LAB*LAB 76.12 0.0 0.0
LAB*LAB 75.00 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*lr 0.75 0.0 0.0
lab*lc 0.75 0.0 0.0
lab*ncc 0.0 0.0 -

relative Inform. Technology (IT)
olv3* 0.5 0.5 0.5 (0.0)
cmyn3* 0.5 0.5 0.5 (0.0)
olv4* 1.0 1.0 1.0 0.5
cmyn4* 0.0 0.0 0.0 0.5
standard and adapted CIELAB
LAB*LAB 56.78 0.13 2.11
LAB*LAB 56.78 0.0 0.0
LAB*LAB 55.00 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*lr 0.5 0.0 0.0
lab*lc 0.5 0.0 0.0
lab*ncc 0.0 0.0 -

relative Inform. Technology (IT)
olv3* 0.25 0.25 0.25 (0.0)
cmyn3* 0.75 0.75 0.75 (0.0)
olv4* 1.0 1.0 1.0 0.25
cmyn4* 0.0 0.0 0.0 0.75
standard and adapted CIELAB
LAB*LAB 37.44 -0.67 0.62
LAB*LAB 37.44 0.0 0.0
LAB*LAB 35.00 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*lr 0.25 0.0 0.0
lab*lc 0.25 0.0 0.0
lab*ncc 0.0 0.0 -

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 1.0 (0.0)
olv4* 1.0 1.0 1.0 1.0
cmyn4* 0.0 0.0 0.0 0.0
standard and adapted CIELAB
LAB*LAB 18.1 0.0 0.0
LAB*LAB 18.1 0.0 0.0
LAB*LAB 18.1 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 -
relative Natural Colour (NC)
lab*lr 0.0 0.0 -
lab*lc 0.0 0.0 -
lab*ncc 1.0 0.0 -

$n^* = 1.0$

ORS18; adaptierte CIELAB-Daten

	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	65.05	50.54	82.38	38
Y _{Ma}	91.0	-4.72	90.58	90.7	93
L _{Ma}	50.9	-63.18	34.98	72.22	151
C _{Ma}	56.99	-39.34	-48.1	62.16	231
V _{Ma}	25.72	30.89	-44.4	54.09	305
M _{Ma}	49.99	75.76	-4.64	75.9	356
N _{Ma}	18.09	0.0	0.0	0.0	0
W _{Ma}	95.46	0.0	0.0	0.0	0
RCIE	41.88	61.66	30.69	68.88	26
JCIE	81.97	2.02	67.79	67.82	88
GCIE	51.62	-41.32	9.74	42.46	167
BCIE	29.2	-5.79	-49.61	49.96	263

%Regularität

$g^*_{H,rel} = 65$

$g^*_{C,rel} = 60$

relative Inform. Technology (IT)
olv3* 0.5 0.5 0.5 (1.0)
cmyn3* 0.5 0.5 0.5 (0.0)
olv4* 0.5 1.0 1.0 0.5
cmyn4* 0.0 0.0 0.0 0.5
standard and adapted CIELAB
LAB*LAB 76.12 -0.12 -0.63
LAB*LAB 76.12 -0.12 -0.63
LAB*LAB 75.00 0.01 -

relative CIELAB lab*
lab*lab 0.5 0.5 0.5 (1.0)
lab*ch 0.5 0.5 0.5 (0.0)
lab*nch 0.0 0.5 0.5 (0.0)
relative Natural Colour (NC)
lab*lr 0.5 0.5 0.5 (0.0)
lab*lc 0.5 0.5 0.5 (0.0)
lab*ncc 0.0 0.5 0.5 (0.0)

relative Inform. Technology (IT)
olv3* 0.25 0.25 0.25 (1.0)
cmyn3* 0.75 0.75 0.75 (0.0)
olv4* 0.5 1.0 1.0 0.25
cmyn4* 0.0 0.0 0.0 0.25
standard and adapted CIELAB
LAB*LAB 56.78 -0.13 -2.11
LAB*LAB 56.78 -0.13 -2.11
LAB*LAB 55.00 0.01 -

relative CIELAB lab*
lab*lab 0.25 0.25 0.25 (1.0)
lab*ch 0.25 0.25 0.25 (0.0)
lab*nch 0.0 0.25 0.25 (0.0)
relative Natural Colour (NC)
lab*lr 0.25 0.25 0.25 (0.0)
lab*lc 0.25 0.25 0.25 (0.0)
lab*ncc 0.0 0.25 0.25 (0.0)

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 0.0 0.0 (0.0)
olv4* 0.5 1.0 1.0 0.0
cmyn4* 0.0 0.0 0.0 0.0
standard and adapted CIELAB
LAB*LAB 18.1 -0.0 0.0
LAB*LAB 18.1 -0.0 0.0
LAB*LAB 18.1 0.01 -

relative CIELAB lab*
lab*lab 0.0 0.0 0.0 (1.0)
lab*ch 0.0 0.0 0.0 (0.0)
lab*nch 0.0 0.0 0.0 (0.0)
relative Natural Colour (NC)
lab*lr 0.0 0.0 0.0 (0.0)
lab*lc 0.0 0.0 0.0 (0.0)
lab*ncc 0.0 0.0 0.0 (0.0)

$n^* = 0.50$

relative Inform. Technology (IT)
olv3* 0.25 0.25 0.25 (1.0)
cmyn3* 0.75 0.75 0.75 (0.0)
olv4* 0.25 1.0 1.0 0.25
cmyn4* 0.0 0.0 0.0 0.25
standard and adapted CIELAB
LAB*LAB 37.44 -0.67 -0.62
LAB*LAB 37.44 -0.67 -0.62
LAB*LAB 35.00 0.01 -

relative CIELAB lab*
lab*lab 0.25 0.25 0.25 (1.0)
lab*ch 0.25 0.25 0.25 (0.0)
lab*nch 0.0 0.25 0.25 (0.0)
relative Natural Colour (NC)
lab*lr 0.25 0.25 0.25 (0.0)
lab*lc 0.25 0.25 0.25 (0.0)
lab*ncc 0.0 0.25 0.25 (0.0)

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 0.0 0.0 (0.0)
olv4* 0.0 1.0 1.0 0.0
cmyn4* 0.0 0.0 0.0 0.0
standard and adapted CIELAB
LAB*LAB 18.1 0.0 0.0
LAB*LAB 18.1 0.0 0.0
LAB*LAB 18.1 0.01 -

relative CIELAB lab*
lab*lab 0.0 0.0 0.0 (1.0)
lab*ch 0.0 0.0 0.0 (0.0)
lab*nch 0.0 0.0 0.0 (0.0)
relative Natural Colour (NC)
lab*lr 0.0 0.0 0.0 (0.0)
lab*lc 0.0 0.0 0.0 (0.0)
lab*ncc 0.0 0.0 0.0 (0.0)

$n^* = 0.25$

Schwarzheit n^*

$n^* = 0.00$

relative Bunttheit c^*

$n^* = 0.00$

$n^* = 0.00$

$n^* = 0.00$

$n^* = 0.00$

$n^* = 0.00$

$n^* = 0.00$

$n^* = 0.00$

$n^* = 0.00$

$n^* = 0.00$

$n^* = 0.00$

$n^* = 0.00$

$n^* = 0.00$

Ausgabe: Farbmetrisches Fernseh-Licht-System TLS00

für Buntton $h^* = lab^*h = 196/360 = 0.544$

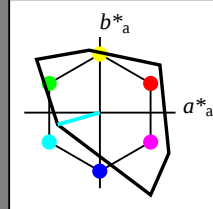
lab^*ch und lab^*nch

D50: Buntton C

LCH*Ma: 85 58 196

olv*Ma: 0.0 1.0 1.0

Dreiecks-Helligkeit t^*



%Umfang

$u^*_{rel} = 156$

relative Inform. Technology (IT)
olv3* 1.0 1.0 1.0 (1.0)
cmyn3* 0.0 0.0 0.0 (0.0)
olv4* 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 0.0 0.0
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 -
relative Natural Colour (NC)
lab*lr 1.0 0.0 -
lab*lc 1.0 0.0 -
lab*ncc 0.0 0.0 -

relative Inform. Technology (IT)
olv3* 0.75 0.75 0.75 (1.0)
cmyn3* 0.25 0.25 0.25 (0.0)
olv4* 1.0 1.0 1.0 0.75
cmyn4* 0.0 0.0 0.0 0.25
standard and adapted CIELAB
LAB*LAB 71.57 0.0 0.0
LAB*LAB 71.57 0.0 0.0
LAB*LAB 75.00 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*lr 0.75 0.0 0.0
lab*lc 0.75 0.0 0.0
lab*ncc 0.0 0.0 -

relative Inform. Technology (IT)
olv3* 0.5 0.5 0.5 (0.0)
cmyn3* 0.5 0.5 0.5 (0.0)
olv4* 1.0 1.0 1.0 0.5
cmyn4* 0.0 0.0 0.0 0.5
standard and adapted CIELAB
LAB*LAB 56.99 -0.13 -2.11
LAB*LAB 56.99 -0.13 -2.11
LAB*LAB 55.00 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*lr 0.5 0.0 0.0
lab*lc 0.5 0.0 0.0
lab*ncc 0.0 0.0 -

relative Inform. Technology (IT)
olv3* 0.25 0.25 0.25 (1.0)
cmyn3* 0.75 0.75 0.75 (0.0)
olv4* 0.25 1.0 1.0 0.25
cmyn4* 0.0 0.0 0.0 0.25
standard and adapted CIELAB
LAB*LAB 37.44 -0.67 -0.62
LAB*LAB 37.44 -0.67 -0.62
LAB*LAB 35.00 0.01 -

relative CIELAB lab*
lab*lab 0.25 0.25 0.25 (1.0)
lab*ch 0.25 0.25 0.25 (0.0)
lab*nch 0.0 0.25 0.25 (0.0)
relative Natural Colour (NC)
lab*lr 0.25 0.25 0.25 (0.0)
lab*lc 0.25 0.25 0.25 (0.0)
lab*ncc 0.0 0.25 0.25 (0.0)

$n^* = 0.00$

Schwarzheit n^*

$n^* = 0.00$

relative Bunttheit c^*

$n^* = 0.00$

$n^* = 0.00$

$n^* = 0.00$

$n^* = 0.00$

$n^* = 0.00$

$n^* = 0.00$

$n^* = 0.00$

$n^* = 0.00$

$n^* = 0.00$

TLS00; adaptierte CIELAB-Daten

	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	54.19	79.36	63.0	101.33	38
Y _{Ma}	93.44	-14.18	82.59	83.8	100
L _{Ma}	82.82	-83.73	70.41	109.41	140
C _{Ma}	85.22	-55.9	-15.78	58.1	196
V _{Ma}	25.61	67.05	-108.87	127.87	302
M _{Ma}	58.76	91.18	-53.69	105.82	330
N _{Ma}	0.01	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
RCIE	41.88	62.0	31.82	69.69	27
JCIE	81.97	1.81	71.59	71.61	89
GCIE	51.62	-41.11	11.52	42.7	164
BCIE	29.2	-5.27	-49.33	49.62	264

%Regularität

$g^*_{H,rel} = 26$

$g^*_{C,rel} = 45$

relative Inform. Technology (IT)
olv3* 0.5 0.5 0.5 (1.0)
cmyn3* 0.5 0.5 0.5 (0.0)
olv4* 0.5 1.0 1.0 0.5
cmyn4* 0.0 0.0 0.0 0.5
standard and adapted CIELAB
LAB*LAB 76.12 -0.12 -0.63
LAB*LAB 76.12 -0.12 -0.63
LAB*LAB 75.00 0.01 -

relative CIELAB lab*
lab*lab 0.5 0.5 0.5 (1.0)
lab*ch 0.5 0.5 0.5 (0.0)
lab*nch 0.0 0.5 0.5 (0.0)
relative Natural Colour (NC)
lab*lr 0.5 0.5 0.5 (0.0)
lab*lc 0.5 0.5 0.5 (0.0)
lab*ncc 0.0 0.5 0.5 (0.0)

relative Inform. Technology (IT)
olv3* 0.25 0.25 0.25 (1.0)
cmyn3* 0.75 0.75 0.75 (0.0)
olv4* 0.25 1.0 1.0 0.25
cmyn4* 0.0 0.0 0.0 0.25
standard and adapted CIELAB
LAB*LAB 56.78 -0.13 -2.11
LAB*LAB 56.78 -0.13 -2.11
LAB*LAB 55.00 0.01 -

relative CIELAB lab*
lab*lab 0.25 0.25 0.25 (1.0)
lab*ch 0.25 0.25 0.25 (0.0)
lab*nch 0.0 0.25 0.25 (0.0)
relative Natural Colour (NC)
lab*lr 0.25 0.25 0.25 (0.0)
lab*lc 0.25 0.25 0.25 (0.0)
lab*ncc 0.0 0.25 0.25 (0.0)

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 0.0 0.0 (0.0)
olv4* 0.0 1.0 1.0 0.0
cmyn4* 0.0 0.0 0.0 0.0
standard and adapted CIELAB
LAB*LAB 18.1 0.0 0.0
LAB*LAB 18.1 0.0 0.0
LAB*LAB 18.1 0.01 -

relative CIELAB lab*
lab*lab 0.0 0.0 0.0 (1.0)
lab*ch 0.0 0.0 0.0 (0.0)
lab*nch 0.0 0.0 0.0 (0.0)
relative Natural Colour (NC)
lab*lr 0.0 0.0 0.0 (0.0)
lab*lc 0.0 0.0 0.0 (0.0)
lab*ncc 0.0 0.0 0.0 (0.0)

$n^* = 0.00$

Schwarzheit n^*

$n^* = 0.00$

relative Bunttheit c^*

$n^* = 0.00$

$n^* = 0.00$

$n^* = 0.00$

$n^* = 0.00$

$n^* = 0.00$

$n^* = 0.00$

$n^* = 0.00$

$n^* = 0.00$

$n^* = 0.00$

Siehe ähnliche Dateien: <http://www.ps.bam.de/PG50/>
Technische Information: <http://www.ps.bam.de> Version 2.1, io=1,1?

Eingabe: Farbmetrisches Offset-Reflektiv-System ORS18

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

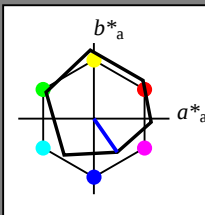
lab^*ch und lab^*nch

D50: Buntton V

LCH*Ma: 26 54 305

olv*Ma: 0.0 0.0 1.0

Dreiecks-Helligkeit t^*



relative Inform. Technology (IT)
olv3* 1.0 1.0 1.0 (1.0)
cmyn3* 0.0 0.0 0.0 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 95.46 -0.39 4.69
LAB*LABa 95.46 0.0 0.0
LAB*LABb 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*lrj 1.0 0.0 0.0
lab*nce 1.0 0.0 -

relative Inform. Technology (IT)
olv3* 0.75 0.75 0.75 (1.0)
cmyn3* 0.25 0.25 0.25 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 76.12 -0.12 3.4
LAB*LABa 76.12 0.0 0.0
LAB*LABb 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*lrj 0.75 0.0 0.0
lab*nce 0.75 0.0 -

relative Inform. Technology (IT)
olv3* 0.5 0.5 0.5 (0.0)
cmyn3* 0.5 0.5 0.5 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 56.78 0.13 2.11
LAB*LABa 56.78 0.0 0.0
LAB*LABb 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*lrj 0.5 0.0 0.0
lab*nce 0.5 0.0 -

relative Inform. Technology (IT)
olv3* 0.25 0.25 0.25 (1.0)
cmyn3* 0.75 0.75 0.75 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 37.18 0.62 0.82
LAB*LABa 37.18 0.0 0.0
LAB*LABb 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*lrj 0.25 0.0 0.0
lab*nce 0.25 0.0 -

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 1.0 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 18.1 0.67 0.46
LAB*LABa 18.1 0.0 0.0
LAB*LABb 0.0 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 -
relative Natural Colour (NC)
lab*lrj 0.0 0.0 0.0
lab*nce 0.0 0.0 -

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 1.0 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 18.1 0.0 0.0
LAB*LABa 18.1 0.0 0.0
LAB*LABb 0.0 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 -
relative Natural Colour (NC)
lab*lrj 0.0 0.0 0.0
lab*nce 0.0 0.0 -

ORS18; adaptierte CIELAB-Daten

	$L^*=L_a$	a^*	b^*	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	65.05	50.54	82.38	38
Y _{Ma}	91.0	-4.72	90.58	90.7	93
L _{Ma}	50.9	-63.18	34.98	72.22	151
C _{Ma}	56.99	-39.34	-48.1	62.16	231
V _{Ma}	25.72	30.89	-44.4	54.09	305
M _{Ma}	49.99	75.76	-4.64	75.9	356
N _{Ma}	18.09	0.0	0.0	0.0	0
W _{Ma}	95.46	0.0	0.0	0.0	0
RC _{IE}	41.88	61.66	30.69	68.88	26
J _{CIE}	81.97	2.02	67.79	67.82	88
G _{CIE}	51.62	-41.32	9.74	42.46	167
B _{CIE}	29.2	-5.79	-49.61	49.96	263

%Umfang

$u^*_{rel} = 94$

%Regularität

$g^*_{H,rel} = 65$

$g^*_{C,rel} = 60$

%Regularität

$g^*_{H,rel} = 26$

$g^*_{C,rel} = 45$

%Regularität

$g^*_{H,rel} = 26$

$g^*_{C,rel} = 45$

%Regularität

$g^*_{H,rel} = 26$

$g^*_{C,rel} = 45$

%Regularität

$g^*_{H,rel} = 26$

$g^*_{C,rel} = 45$

%Regularität

$g^*_{H,rel} = 26$

$g^*_{C,rel} = 45$

%Regularität

$g^*_{H,rel} = 26$

$g^*_{C,rel} = 45$

%Regularität

$g^*_{H,rel} = 26$

$g^*_{C,rel} = 45$

%Regularität

$g^*_{H,rel} = 26$

$g^*_{C,rel} = 45$

%Regularität

$g^*_{H,rel} = 26$

$g^*_{C,rel} = 45$

%Regularität

Ausgabe: Farbmetrisches Fernseh-Licht-System TLS00

für Buntton $h^* = lab^*h = 302/360 = 0.838$

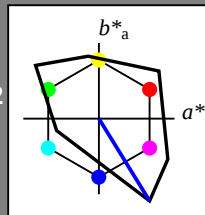
lab^*ch und lab^*nch

D50: Buntton V

LCH*Ma: 26 128 302

olv*Ma: 0.0 0.0 1.0

Dreiecks-Helligkeit t^*



relative Inform. Technology (IT)
olv3* 1.0 1.0 1.0 (1.0)
cmyn3* 0.0 0.0 0.0 (0.0)
olv4* 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 0.0 0.0
LAB*LABa 95.41 0.0 0.0
LAB*LABb 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*lrj 1.0 0.0 0.0
lab*nce 1.0 0.0 -

relative Inform. Technology (IT)
olv3* 0.75 0.75 0.75 (1.0)
cmyn3* 0.25 0.25 0.25 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 71.57 0.0 0.0
LAB*LABa 71.57 0.0 0.0
LAB*LABb 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*lrj 0.75 0.0 0.0
lab*nce 0.75 0.0 -

relative Inform. Technology (IT)
olv3* 0.5 0.5 0.5 (0.0)
cmyn3* 0.5 0.5 0.5 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 56.78 0.13 2.11
LAB*LABa 56.78 0.0 0.0
LAB*LABb 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*lrj 0.5 0.0 0.0
lab*nce 0.5 0.0 -

relative Inform. Technology (IT)
olv3* 0.25 0.25 0.25 (1.0)
cmyn3* 0.75 0.75 0.75 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 37.18 0.62 0.82
LAB*LABa 37.18 0.0 0.0
LAB*LABb 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*lrj 0.25 0.0 0.0
lab*nce 0.25 0.0 -

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 1.0 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 18.1 0.67 0.46
LAB*LABa 18.1 0.0 0.0
LAB*LABb 0.0 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 -
relative Natural Colour (NC)
lab*lrj 0.0 0.0 0.0
lab*nce 0.0 0.0 -

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 1.0 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 18.1 0.0 0.0
LAB*LABa 18.1 0.0 0.0
LAB*LABb 0.0 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 -
relative Natural Colour (NC)
lab*lrj 0.0 0.0 0.0
lab*nce 0.0 0.0 -

TLS00; adaptierte CIELAB-Daten

	$L^*=L_a$	a^*	b^*	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	54.19	79.36	63.0	101.33	38
Y _{Ma}	93.44	-14.18	82.59	83.8	100
L _{Ma}	82.82	-83.73	70.41	109.41	140
C _{Ma}	85.22	-55.9	-15.78	58.1	196
V _{Ma}	25.61	67.05	-108.87	127.87	302
M _{Ma}	58.76	91.18	-53.69	105.82	330
N _{Ma}	0.01	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
RC _{IE}	41.88	62.0	31.82	69.69	27
J _{CIE}	81.97	1.81	71.59	71.61	89
G _{CIE}	51.62	-41.11	11.52	42.7	164
B _{CIE}	29.2	-5.27	-49.33	49.62	264

%Umfang

$u^*_{rel} = 156$

%Regularität

$g^*_{H,rel} = 26$

$g^*_{C,rel} = 45$

%Regularität

$g^*_{H,rel} = 26$

$g^*_{C,rel} = 45$

%Regularität

$g^*_{H,rel} = 26$

$g^*_{C,rel} = 45$

%Regularität

$g^*_{H,rel} = 26$

$g^*_{C,rel} = 45$

%Regularität

$g^*_{H,rel} = 26$

$g^*_{C,rel} = 45$

%Regularität

$g^*_{H,rel} = 26$

$g^*_{C,rel} = 45$

%Regularität

$g^*_{H,rel} = 26$

$g^*_{C,rel} = 45$

%Regularität

$g^*_{H,rel} = 26$

$g^*_{C,rel} = 45$

%Regularität

$g^*_{H,rel} = 26$

$g^*_{C,rel} = 45$

%Regularität

$g^*_{H,rel} = 26$

$g^*_{C,rel} = 45$

%Regularität

PG500-7, 5 stufige Reihen für konstanten CIELAB Buntton 305/360 = 0.847 (links)

5 stufige Reihen für konstanten CIELAB Buntton 302/360 = 0.838 (rechts)

BAM-Prüfvorlage PG50; Farbmetrik-Systeme ORS18 & ORS18 input: olv* setrgbcolor

D50: 2 Koordinatendaten; 5stufige Farbreihen für 10 Bunttöne

output: Startup (S) data dependend

relative Buntheit c^*

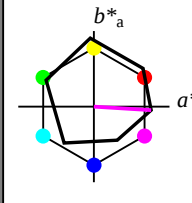
Eingabe: Farbmetrisches Offset-Reflektiv-System ORS18

für Buntton $h^* = lab^*h = 356/360 = 0.99$

lab^*ch und lab^*nch

D50: Buntton M
LCH*Ma: 50 76 356
olv*Ma: 1.0 0.0 1.0

Dreiecks-Helligkeit t^*



relative Inform. Technology (IT)
olv3* 1.0 1.0 1.0 (1.0)
cmyn3* 0.0 0.0 0.0 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
LAB*LAB 95.46 -0.39 4.69
LAB*LAB 95.46 0.0 0.0
LAB*LAB 99.99 0.01 -

standard and adapted CIELAB
LAB*LAB 95.46 -0.39 4.69
LAB*LAB 95.46 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*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)
olv3* 0.75 0.75 0.75 (1.0)
cmyn3* 0.25 0.25 0.25 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
LAB*LAB 76.12 -0.12 3.4
LAB*LAB 76.12 0.0 0.0
LAB*LAB 75.00 0.01 -

standard and adapted CIELAB
LAB*LAB 76.12 -0.12 3.4
LAB*LAB 76.12 0.0 0.0
LAB*LAB 75.00 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 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)
olv3* 0.25 0.25 0.25 (1.0)
cmyn3* 0.75 0.75 0.75 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
LAB*LAB 56.78 0.13 2.11
LAB*LAB 56.78 0.0 0.0
LAB*LAB 50.00 0.01 -

standard and adapted CIELAB
LAB*LAB 56.78 0.13 2.11
LAB*LAB 56.78 0.0 0.0
LAB*LAB 50.00 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 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)
olv3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 1.0 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
LAB*LAB 18.1 0.0 0.0
LAB*LAB 18.1 0.0 0.0
LAB*LAB 18.1 0.01 -

standard and adapted CIELAB
LAB*LAB 18.1 0.0 0.0
LAB*LAB 18.1 0.0 0.0
LAB*LAB 18.1 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*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)
olv3* 1.0 0.75 1.0 (1.0)
cmyn3* 0.0 0.25 0.0 (0.0)
olv4* 1.0 0.75 1.0 (1.0)
cmyn4* 0.0 0.25 0.0 (0.0)
LAB*LAB 84.09 18.69 2.78
LAB*LAB 84.09 18.69 2.78
LAB*LAB 87.5 18.97 356.49

standard and adapted CIELAB
LAB*LAB 84.09 18.69 2.78
LAB*LAB 84.09 18.69 2.78
LAB*LAB 87.5 18.97 356.49

relative CIELAB lab*
lab*lab 0.853 0.249 -0.014
lab*ch 0.875 0.25 0.99
lab*nch 0.0 0.25 0.99
relative Natural Colour (NC)
lab*tr 0.853 0.232 -0.092
lab*ce 0.875 0.25 0.939
lab*nce 0.0 0.25 0.939

relative Inform. Technology (IT)
olv3* 0.75 0.5 0.75 (1.0)
cmyn3* 0.25 0.5 0.25 (0.0)
olv4* 1.0 0.75 1.0 (0.0)
cmyn4* 0.0 0.25 0.0 (0.0)
LAB*LAB 64.75 18.96 1.49
LAB*LAB 64.75 18.96 1.49
LAB*LAB 62.5 18.96 356.49

standard and adapted CIELAB
LAB*LAB 64.75 18.96 1.49
LAB*LAB 64.75 18.96 1.49
LAB*LAB 62.5 18.96 356.49

relative CIELAB lab*
lab*lab 0.613 0.25 -0.014
lab*ch 0.625 0.25 0.99
lab*nch 0.25 0.25 0.99
relative Natural Colour (NC)
lab*tr 0.613 0.232 -0.092
lab*ce 0.625 0.25 0.939
lab*nce 0.25 0.25 0.939

relative Inform. Technology (IT)
olv3* 0.5 0.0 0.5 (1.0)
cmyn3* 0.5 0.75 0.5 (0.0)
olv4* 1.0 0.75 1.0 (0.0)
cmyn4* 0.0 0.25 0.0 (0.0)
LAB*LAB 45.1 19.23 0.2
LAB*LAB 45.1 19.23 0.2
LAB*LAB 44.1 18.94 -1.15

standard and adapted CIELAB
LAB*LAB 45.1 19.23 0.2
LAB*LAB 45.1 19.23 0.2
LAB*LAB 44.1 18.94 -1.15

relative CIELAB lab*
lab*lab 0.333 0.25 -0.014
lab*ch 0.375 0.25 0.99
lab*nch 0.25 0.25 0.99
relative Natural Colour (NC)
lab*tr 0.333 0.232 -0.092
lab*ce 0.375 0.25 0.939
lab*nce 0.25 0.25 0.939

relative Inform. Technology (IT)
olv3* 0.25 0.0 0.25 (1.0)
cmyn3* 0.75 1.0 0.75 (0.0)
olv4* 1.0 0.75 1.0 (0.0)
cmyn4* 0.0 0.25 0.0 (0.0)
LAB*LAB 26.07 19.49 -1.08
LAB*LAB 26.07 19.49 -1.08
LAB*LAB 12.5 18.97 356.49

standard and adapted CIELAB
LAB*LAB 26.07 19.49 -1.08
LAB*LAB 26.07 19.49 -1.08
LAB*LAB 12.5 18.97 356.49

ORS18; adaptierte CIELAB-Daten

	$L^*=L_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	65.05	50.54	82.38	38
Y _{Ma}	91.0	-4.72	90.58	90.7	93
L _{Ma}	50.9	-63.18	34.98	72.22	151
C _{Ma}	56.99	-39.34	-48.1	62.16	231
V _{Ma}	25.72	30.89	-44.4	54.09	305
M _{Ma}	49.99	75.76	-4.64	75.9	356
N _{Ma}	18.09	0.0	0.0	0.0	0
W _{Ma}	95.46	0.0	0.0	0.0	0
RCIE	41.88	61.66	30.69	68.88	26
JCIE	81.97	2.02	67.79	67.82	88
GCIE	51.62	-41.32	9.74	42.46	167
BCIE	29.2	-5.79	-49.61	49.96	263

%Regularität

$g^*_{H,rel} = 65$

$g^*_{C,rel} = 60$

relative Inform. Technology (IT)
olv3* 1.0 0.5 1.0 (1.0)
cmyn3* 0.0 0.5 0.0 (0.0)
olv4* 1.0 0.5 1.0 (1.0)
cmyn4* 0.0 0.5 0.0 (0.0)
LAB*LAB 72.72 37.87 -2.31
LAB*LAB 72.72 37.87 -2.31
LAB*LAB 75.0 37.94 356.49

standard and adapted CIELAB
LAB*LAB 72.72 37.87 -2.31
LAB*LAB 72.72 37.87 -2.31
LAB*LAB 75.0 37.94 356.49

relative CIELAB lab*
lab*lab 0.706 0.499 -0.03
lab*ch 0.75 0.5 0.99
lab*nch 0.0 0.5 0.99
relative Natural Colour (NC)
lab*tr 0.706 0.464 -0.186
lab*ce 0.75 0.5 0.939
lab*nce 0.0 0.5 0.939

relative Inform. Technology (IT)
olv3* 0.75 0.25 0.75 (1.0)
cmyn3* 0.25 0.75 0.25 (0.0)
olv4* 1.0 0.5 1.0 (0.0)
cmyn4* 0.0 0.25 0.0 (0.0)
LAB*LAB 53.38 37.88 -2.31
LAB*LAB 53.38 37.88 -2.31
LAB*LAB 50.0 37.95 356.49

standard and adapted CIELAB
LAB*LAB 53.38 37.88 -2.31
LAB*LAB 53.38 37.88 -2.31
LAB*LAB 50.0 37.95 356.49

relative CIELAB lab*
lab*lab 0.456 0.464 -0.186
lab*ch 0.456 0.464 -0.186
lab*nch 0.25 0.5 0.939

relative Inform. Technology (IT)
olv3* 0.5 0.0 0.5 (1.0)
cmyn3* 0.5 0.75 0.5 (0.0)
olv4* 1.0 0.5 1.0 (0.0)
cmyn4* 0.0 0.25 0.0 (0.0)
LAB*LAB 34.04 37.87 -2.31
LAB*LAB 34.04 37.87 -2.31
LAB*LAB 25.01 37.94 356.49

standard and adapted CIELAB
LAB*LAB 34.04 37.87 -2.31
LAB*LAB 34.04 37.87 -2.31
LAB*LAB 25.01 37.94 356.49

relative CIELAB lab*
lab*lab 0.206 0.499 -0.03
lab*ch 0.25 0.5 0.99
lab*nch 0.0 0.5 0.99
relative Natural Colour (NC)
lab*tr 0.206 0.464 -0.186
lab*ce 0.25 0.5 0.939
lab*nce 0.0 0.5 0.939

relative Inform. Technology (IT)
olv3* 0.25 0.0 0.25 (1.0)
cmyn3* 0.75 1.0 0.75 (0.0)
olv4* 1.0 0.75 1.0 (0.0)
cmyn4* 0.0 0.25 0.0 (0.0)
LAB*LAB 18.1 0.0 0.0
LAB*LAB 18.1 0.0 0.0
LAB*LAB 18.1 0.01 -

relative Inform. Technology (IT)
olv3* 1.0 0.25 1.0 (1.0)
cmyn3* 0.0 0.75 0.0 (0.0)
olv4* 1.0 0.25 1.0 (1.0)
cmyn4* 0.0 0.75 0.0 (0.0)
LAB*LAB 61.35 56.88 -1.05
LAB*LAB 61.35 56.88 -1.05
LAB*LAB 62.5 56.92 356.49

standard and adapted CIELAB
LAB*LAB 61.35 56.88 -1.05
LAB*LAB 61.35 56.88 -1.05
LAB*LAB 62.5 56.92 356.49

relative CIELAB lab*
lab*lab 0.559 0.748 -0.045
lab*ch 0.625 0.75 0.99
lab*nch 0.0 0.75 0.99
relative Natural Colour (NC)
lab*tr 0.559 0.696 -0.279
lab*ce 0.625 0.75 0.939
lab*nce 0.0 0.75 0.939

relative Inform. Technology (IT)
olv3* 0.5 0.0 0.5 (1.0)
cmyn3* 0.5 0.75 0.5 (0.0)
olv4* 1.0 0.5 1.0 (0.0)
cmyn4* 0.0 0.25 0.0 (0.0)
LAB*LAB 49.99 75.97 -2.97
LAB*LAB 49.99 75.97 -2.97
LAB*LAB 50.0 75.99 356.49

standard and adapted CIELAB
LAB*LAB 49.99 75.97 -2.97
LAB*LAB 49.99 75.97 -2.97
LAB*LAB 50.0 75.99 356.49

relative CIELAB lab*
lab*lab 0.412 0.998 -0.06
lab*ch 0.5 1.0 0.99
lab*nch 0.0 1.0 0.99
relative Natural Colour (NC)
lab*tr 0.412 0.928 -0.372
lab*ce 0.5 1.0 0.939
lab*nce 0.0 1.0 0.939

relative Inform. Technology (IT)
olv3* 0.25 0.25 0.25 (1.0)
cmyn3* 0.75 0.75 0.75 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.25 0.0 (0.0)
LAB*LAB 37.51 56.92 356.49

standard and adapted CIELAB
LAB*LAB 37.51 56.92 356.49
LAB*LAB 37.51 56.92 356.49

relative CIELAB lab*
lab*lab 0.309 0.748 -0.045
lab*ch 0.375 0.75 0.99
lab*nch 0.25 0.75 0.99
relative Natural Colour (NC)
lab*tr 0.309 0.696 -0.279
lab*ce 0.375 0.75 0.939
lab*nce 0.25 0.75 0.939

$n^* = 0.00$

$n^* = 0.25$

$n^* = 0.50$

$n^* = 0.75$

$n^* = 1.00$

$n^* = 1.25$

$n^* = 1.50$

$n^* = 1.75$

$n^* = 2.00$

$n^* = 2.25$

$n^* = 2.50$

$n^* = 2.75$

$n^* = 3.00$

$n^* = 3.25$

$n^* = 3.50$

$n^* = 3.75$

$n^* = 4.00$

$n^* = 4.25$

$n^* = 4.50$

$n^* = 4.75$

$n^* = 5.00$

$n^* = 5.25$

$n^* = 5.50$

$n^* = 5.75$

$n^* = 6.00$

$n^* = 6.25$

$n^* = 6.50$

$n^* = 6.75$

$n^* = 7.00$

$n^* = 7.25$

$n^* = 7.50$

$n^* = 7.75$

$n^* = 8.00$

$n^* = 8.25$

$n^* = 8.50$

$n^* = 8.75$

$n^* = 9.00$

$n^* = 9.25$

$n^* = 9.50$

$n^* = 9.75$

$n^* = 10.00$

$n^* = 10.25$

$n^* = 10.50$

$n^* = 10.75$

$n^* = 11.00$

$n^* = 11.25$

$n^* = 11.50$

$n^* = 11.75$

$n^* = 12.00$

$n^* = 12.25$

$n^* = 12.50$

$n^* = 12.75$

$n^* = 13.00$

$n^* = 13.25$

$n^* = 13.50$

$n^* = 13.75$

$n^* = 14.00$

$n^* = 14.25$

$n^* = 14.50$

$n^* = 14.75$

$n^* = 15.00$

$n^* = 15.25$

$n^* = 15.50$

$n^* = 15.75$

$n^* = 16.00$

$n^* = 16.25$

$n^* = 16.50$

$n^* = 16.75$

$n^* = 17.00$

$n^* = 17.25$

$n^* = 17.50$

$n^* = 17.75$

$n^* = 18.00$

$n^* = 18.25$

$n^* = 18.50$

$n^* = 18.75$

$n^* = 19.00$

$n^* = 19.25$

$n^* = 19.50$

$n^* = 19.75$

$n^* = 20.00$

$n^* = 20.25$

$n^* = 20.50$

$n^* = 20.75$

$n^* = 21.00$

$n^* = 21.25$

$n^* = 21.50$

$n^* = 21.75$

$n^* = 22.00$

$n^* = 22.25$

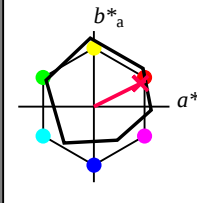
$n^* = 22.50$

$n^* = 22.75$

Eingabe: Farbmetrisches Offset-Reflektiv-System ORS18 für Buntton $h^* = lab^*h = 26/360 = 0.074$ lab^*ch und lab^*nch

D50: Buntton R
LCH*Ma: 49 76 26
olv*Ma: 1.0 0.0 0.3

Dreiecks-Helligkeit t^*



relative Inform. Technology (IT)

olv3*	1.0	1.0	1.0	(1.0)
cmv3*	0.0	0.0	0.0	(0.0)
olv4*	1.0	1.0	1.0	(1.0)
cmv4*	0.0	0.0	0.0	(0.0)
LAB*LAB	95.46	-39.49	4.69	
LAB*LAB	95.46	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*lab	1.0	0.0	0.0	
lab*ch	1.0	0.0	0.0	
lab*nch	0.0	0.0	0.0	

relative Inform. Technology (IT)

olv3*	0.75	0.75	0.75	(1.0)
cmv3*	0.25	0.25	0.25	(0.0)
olv4*	1.0	1.0	1.0	(1.0)
cmv4*	0.0	0.0	0.0	(0.0)
LAB*LAB	76.12	-12.12	3.4	
LAB*LAB	76.12	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*lab	0.75	0.0	0.0	
lab*ch	0.75	0.0	0.0	
lab*nch	0.0	0.0	0.0	

relative Inform. Technology (IT)

olv3*	0.5	0.5	0.5	(0.0)
cmv3*	0.5	0.5	0.5	(0.0)
olv4*	1.0	1.0	1.0	(1.0)
cmv4*	0.0	0.0	0.0	(0.0)
LAB*LAB	56.78	0.0	2.11	
LAB*LAB	56.78	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*lab	0.5	0.0	0.0	
lab*ch	0.5	0.0	0.0	
lab*nch	0.0	0.0	0.0	

relative Inform. Technology (IT)

olv3*	0.25	0.25	0.25	(1.0)
cmv3*	0.75	0.75	0.75	(0.0)
olv4*	1.0	1.0	1.0	(1.0)
cmv4*	0.0	0.0	0.0	(0.0)
LAB*LAB	37.44	0.0	0.62	
LAB*LAB	37.44	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*lab	0.25	0.0	0.0	
lab*ch	0.25	0.0	0.0	
lab*nch	0.0	0.0	0.0	

relative Inform. Technology (IT)

olv3*	0.0	0.0	0.0	(1.0)
cmv3*	1.0	1.0	1.0	(0.0)
olv4*	1.0	1.0	1.0	(1.0)
cmv4*	0.0	0.0	0.0	(0.0)
LAB*LAB	18.1	0.0	0.46	
LAB*LAB	18.1	0.0	0.0	
LAB*LAB	0.00	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	

$n^* = 1.0$

relative Inform. Technology (IT)

olv3*	1.0	0.75	0.825	(1.0)
cmv3*	0.0	0.25	0.175	(0.0)
olv4*	1.0	0.75	0.825	(1.0)
cmv4*	0.0	0.25	0.175	(0.0)
LAB*LAB	83.73	16.82	12.41	
LAB*LAB	83.73	16.82	8.49	
LAB*LAB	97.5	19.06	20.46	

relative CIELAB lab*

lab*lab	0.848	0.224	0.111	
lab*ch	0.875	0.25	0.073	
lab*nch	0.0	0.25	0.073	

standard and adapted CIELAB

lab*lab	0.848	0.25	0.0	
lab*ch	0.875	0.25	0.0	
lab*nch	0.0	0.25	0.0	

relative Natural Colour (NC)

lab*lab	0.848	0.25	0.0	
lab*ch	0.875	0.25	0.0	
lab*nch	0.0	0.25	0.0	

relative Inform. Technology (IT)

olv3*	0.75	0.5	0.575	(1.0)
cmv3*	0.25	0.5	0.425	(0.0)
olv4*	1.0	0.75	0.825	(1.0)
cmv4*	0.0	0.25	0.175	(0.0)
LAB*LAB	64.39	17.1	11.12	
LAB*LAB	64.39	17.07	8.5	
LAB*LAB	62.5	19.06	21.11	

relative CIELAB lab*

lab*lab	0.598	0.224	0.111	
lab*ch	0.625	0.25	0.074	
lab*nch	0.0	0.25	0.074	

standard and adapted CIELAB

lab*lab	0.598	0.25	0.0	
lab*ch	0.625	0.25	0.0	
lab*nch	0.0	0.25	0.0	

relative Natural Colour (NC)

lab*lab	0.598	0.25	0.0	
lab*ch	0.625	0.25	0.0	
lab*nch	0.0	0.25	0.0	

relative Inform. Technology (IT)

olv3*	0.5	0.5	0.5	(0.0)
cmv3*	0.5	0.5	0.5	(0.0)
olv4*	1.0	0.75	0.825	(1.0)
cmv4*	0.0	0.25	0.175	(0.0)
LAB*LAB	45.05	36.9	9.83	
LAB*LAB	45.05	36.9	17.07	
LAB*LAB	37.5	19.06	26.46	

relative CIELAB lab*

lab*lab	0.348	0.224	0.111	
lab*ch	0.375	0.25	0.074	
lab*nch	0.0	0.25	0.074	

standard and adapted CIELAB

lab*lab	0.348	0.25	0.0	
lab*ch	0.375	0.25	0.0	
lab*nch	0.0	0.25	0.0	

relative Natural Colour (NC)

lab*lab	0.348	0.25	0.0	
lab*ch	0.375	0.25	0.0	
lab*nch	0.0	0.25	0.0	

relative Inform. Technology (IT)

olv3*	0.25	0.0	0.15	(1.0)
cmv3*	0.75	0.0	0.85	(0.0)
olv4*	1.0	0.5	0.65	(1.0)
cmv4*	0.0	0.5	0.35	(0.0)
LAB*LAB	33.33	34.38	17.35	
LAB*LAB	33.33	34.38	16.99	
LAB*LAB	25.01	38.12	26.47	

relative CIELAB lab*

lab*lab	0.197	0.447	0.223	
lab*ch	0.25	0.5	0.074	
lab*nch	0.0	0.5	0.074	

standard and adapted CIELAB

lab*lab	0.197	0.447	0.0	
lab*ch	0.25	0.5	0.0	
lab*nch	0.0	0.5	0.0	

relative Natural Colour (NC)

lab*lab	0.197	0.447	0.0	
lab*ch	0.25	0.5	0.0	
lab*nch	0.0	0.5	0.0	

relative Inform. Technology (IT)

olv3*	0.0	0.0	0.0	(1.0)
cmv3*	1.0	0.0	0.0	(0.0)
olv4*	1.0	0.0	0.0	(1.0)
cmv4*	0.0	0.0	0.0	(0.0)
LAB*LAB	18.1	0.0	0.46	
LAB*LAB	18.1	0.0	0.0	
LAB*LAB	0.00	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	

$n^* = 0.50$

ORS18; adaptierte CIELAB-Daten

	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	49.74	65.05	50.54	82.38	38
Y _{Ma}	91.0	-4.72	90.58	90.7	93
L _{Ma}	50.9	-63.18	34.98	72.22	151
C _{Ma}	56.99	-39.34	-48.1	62.16	231
V _{Ma}	25.72	30.89	-44.4	54.09	305
M _{Ma}	49.99	75.76	-4.64	75.9	356
N _{Ma}	18.09	0.0	0.0	0.0	0
W _{Ma}	95.46	0.0	0.0	0.0	0
R _{CIE}	41.88	61.66	30.69	68.88	26
J _{CIE}	81.97	2.02	67.79	67.82	88
G _{CIE}	51.62	-41.32	9.74	42.46	167
B _{CIE}	29.2	-5.79	-49.61	49.96	263

%Regularität

$g^*_{H,rel} = 65$
 $g^*_{C,rel} = 60$

relative Inform. Technology (IT)

olv3*	1.0	0.5	0.65	(1.0)
cmv3*	0.0	0.5	0.35	(0.0)
olv4*	1.0	0.5	0.65	(1.0)
cmv4*	0.0	0.5	0.35	(0.0)
LAB*LAB	72.0	34.05	20.12	
LAB*LAB	72.0	34.13	16.99	
LAB*LAB	75.0	38.12	26.46	

relative CIELAB lab*

lab*lab	0.697	0.448	0.223	
lab*ch	0.75	0.5	0.074	
lab*nch	0.0	0.5	0.074	

standard and adapted CIELAB

lab*lab	0.697	0.5	0.0	
lab*ch	0.75	0.5	0.0	
lab*nch	0.0	0.5	0.0	

relative Natural Colour (NC)

lab*lab	0.697	0.5	0.0	
lab*ch	0.75	0.5	0.0	
lab*nch	0.0	0.5	0.0	

relative Inform. Technology (IT)

olv3*	0.75	0.0	0.25	(1.0)
cmv3*	0.25	0.0	0.75	(0.0)
olv4*	1.0	0.0	0.5	(1.0)
cmv4*	0.0	0.0	0.5	(0.0)
LAB*LAB	52.67	34.32	18.84	
LAB*LAB	52.67	34.13	16.99	
LAB*LAB	50.0	38.12	26.46	

relative CIELAB lab*

lab*lab	0.542	0.671	0.334	
lab*ch	0.625	0.75	0.074	
lab*nch	0.0	0.75	0.074	

standard and adapted CIELAB

lab*lab	0.542	0.75	0.0	
lab*ch	0.625	0.75	0.0	
lab*nch	0.0	0.75	0.0	

relative Natural Colour (NC)

lab*lab	0.542	0.75	0.0	
lab*ch	0.625	0.75	0.0	
lab*nch	0.0	0.75	0.0	

relative Inform. Technology (IT)

olv3*	0.5	0.0	0.15	(1.0)
cmv3*	0.5	0.0	0.85	(0.0)
olv4*	1.0	0.0	0.5	(1.0)
cmv4*	0.0	0.0	0.5	(0.0)
LAB*LAB	40.94	51.55	26.55	
LAB*LAB	40.94	51.19	25.49	
LAB*LAB	37.51	57.19	26.47	

relative CIELAB lab*

lab*lab	0.295	0.671	0.334	
lab*ch	0.375	0.75	0.074	
lab*nch	0.0	0.75	0.074	

standard and adapted CIELAB

lab*lab	0.295	0.75	0.0	
lab*ch	0.375	0.75	0.0	
lab*nch	0.0	0.75	0.0	

relative Natural Colour (NC)

lab*lab	0.295	0.75	0.0	
lab*ch	0.375	0.75	0.0	
lab*nch	0.0	0.75	0.0	

relative Inform. Technology (IT)

olv3*	0.25	0.0	0.15	(1.0)
cmv3*	0.75	0.0	0.85	(0.0)
olv4*	1.0	0.0	0.5	(1.0)
cmv4*	0.0	0.0	0.5	(0.0)
LAB*LAB	33.33	34.38	17.35	
LAB*LAB	33.33	34.13	16.99	
LAB*LAB	25.01	38.12	26.47	

relative CIELAB lab*

lab*lab	0.197	0.447	0.223	
lab*ch	0.25	0.5	0.074	
lab*nch	0.0	0.5	0.074	

standard and adapted CIELAB

lab*lab	0.197	0.447	0.0	
lab*ch	0.25	0.5	0.0	
lab*nch	0.0	0.5	0.0	

relative Natural Colour (NC)

lab*lab	0.197	0.447	0.0	
lab*ch	0.25	0.5	0.0	
lab*nch	0.0	0.5	0.0	

relative Inform. Technology (IT)

olv3*	0.0	0.0	0.0	(1.0)
cmv3*	1.0	0.0	0.0	(0.0)
olv4*	1.0	0.0	0.0	(1.0)
cmv4*	0.0	0.0	0.0	(0.0)
LAB*LAB	18.1	0.0	0.46	
LAB*LAB	18.1	0.0	0.0	
LAB*LAB	0.00	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	

$n^* = 0.25$

Ausgabe: Farbmetrisches Fernseh-Licht-System TLS00 für Buntton $h^* = lab^*h = 27/360 = 0.075$ lab^*ch und lab^*nch

D50: Buntton R
LCH*Ma: 55 92 27
olv*Ma: 1.0 0.0 0.18

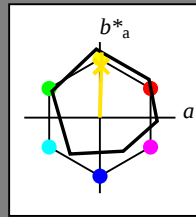
Eingabe: Farbmetrisches Offset-Reflektiv-System ORS18

für Buntton $h^* = lab^*h = 88/360 = 0.245$ lab^*ich und lab^*nch

D50: Buntton J

LCH*Ma: 86 86 88

olv*Ma: 1.0 0.9 0.0

Dreiecks-Helligkeit t^* 

relative Inform. Technology (IT)
 olv3* 1.0 1.0 1.0 (1.0)
 cmyn3* 0.0 0.0 0.0 (0.0)
 olv4* 1.0 1.0 1.0 (1.0)
 cmyn4* 0.0 0.0 0.0 (0.0)
 LAB*LAB 95.46 -0.39 4.69
 LAB*LAB 95.46 0.0 0.0
 LAB*TCa 99.99 0.01 -

relative CIELAB lab*
 lab*lab 1.0 0.0 0.0
 lab*ich 1.0 0.0 0.0
 lab*nch 0.0 0.0 0.0
 relative Natural Colour (NC)
 lab*ich 1.0 0.0 0.0
 lab*nch 0.0 0.0 0.0
 lab*ic 1.0 0.0 0.0
 lab*nc 0.0 0.0 0.0

relative Inform. Technology (IT)
 olv3* 0.75 0.75 0.75 (1.0)
 cmyn3* 0.25 0.25 0.25 (0.0)
 olv4* 1.0 1.0 1.0 (1.0)
 cmyn4* 0.0 0.0 0.0 (0.0)
 LAB*LAB 76.12 -0.12 3.4
 LAB*LAB 76.12 0.0 0.0
 LAB*TCa 75.00 0.01 -

relative CIELAB lab*
 lab*lab 0.75 0.0 0.0
 lab*ich 0.75 0.0 0.0
 lab*nch 0.25 0.0 0.0
 relative Natural Colour (NC)
 lab*ich 0.75 0.0 0.0
 lab*nch 0.25 0.0 0.0
 lab*ic 0.75 0.0 0.0
 lab*nc 0.25 0.0 0.0

relative Inform. Technology (IT)
 olv3* 0.5 0.5 0.5 (0.0)
 cmyn3* 0.5 0.5 0.5 (0.0)
 olv4* 1.0 1.0 1.0 (1.0)
 cmyn4* 0.0 0.0 0.0 (0.0)
 LAB*LAB 56.78 0.13 2.11
 LAB*LAB 56.78 0.0 0.0
 LAB*TCa 50.00 0.01 -

relative CIELAB lab*
 lab*lab 0.5 0.0 0.0
 lab*ich 0.5 0.0 0.0
 lab*nch 0.0 0.0 0.0
 relative Natural Colour (NC)
 lab*ich 0.5 0.0 0.0
 lab*nch 0.0 0.0 0.0
 lab*ic 0.5 0.0 0.0
 lab*nc 0.0 0.0 0.0

relative Inform. Technology (IT)
 olv3* 0.25 0.25 0.25 (0.0)
 cmyn3* 0.75 0.75 0.75 (0.0)
 olv4* 1.0 1.0 1.0 (1.0)
 cmyn4* 0.0 0.0 0.0 (0.0)
 LAB*LAB 37.44 0.07 0.82
 LAB*LAB 37.44 0.0 0.0
 LAB*TCa 25.00 0.01 -

relative CIELAB lab*
 lab*lab 0.25 0.0 0.0
 lab*ich 0.25 0.0 0.0
 lab*nch 0.0 0.0 0.0
 relative Natural Colour (NC)
 lab*ich 0.25 0.0 0.0
 lab*nch 0.0 0.0 0.0
 lab*ic 0.25 0.0 0.0
 lab*nc 0.0 0.0 0.0

relative Inform. Technology (IT)
 olv3* 0.0 0.0 0.0 (1.0)
 cmyn3* 1.0 1.0 1.0 (0.0)
 olv4* 1.0 1.0 1.0 (1.0)
 cmyn4* 0.0 0.0 0.0 (0.0)
 LAB*LAB 18.1 0.67 0.46
 LAB*LAB 18.1 0.0 0.0
 LAB*TCa 0.00 0.01 -

relative CIELAB lab*
 lab*lab 0.0 0.0 0.0
 lab*ich 0.0 0.0 0.0
 lab*nch 1.0 0.0 0.0
 relative Natural Colour (NC)
 lab*ich 0.0 0.0 0.0
 lab*nch 1.0 0.0 0.0
 lab*ic 0.0 0.0 0.0
 lab*nc 1.0 0.0 0.0

relative Inform. Technology (IT)
 olv3* 0.0 0.0 0.0 (1.0)
 cmyn3* 1.0 1.0 1.0 (0.0)
 olv4* 1.0 1.0 1.0 (1.0)
 cmyn4* 0.0 0.0 0.0 (0.0)
 LAB*LAB 18.1 0.67 0.46
 LAB*LAB 18.1 0.0 0.0
 LAB*TCa 0.00 0.01 -

relative CIELAB lab*
 lab*lab 0.0 0.0 0.0
 lab*ich 0.0 0.0 0.0
 lab*nch 1.0 0.0 0.0
 relative Natural Colour (NC)
 lab*ich 0.0 0.0 0.0
 lab*nch 1.0 0.0 0.0
 lab*ic 0.0 0.0 0.0
 lab*nc 1.0 0.0 0.0

relative Inform. Technology (IT)
 olv3* 1.0 0.974 0.75 (1.0)
 cmyn3* 0.0 0.026 0.25 (0.0)
 olv4* 1.0 0.974 0.75 (1.0)
 cmyn4* 0.0 0.026 0.25 (0.0)
 LAB*LAB 93.21 0.27 26.14
 LAB*LAB 93.21 0.0 21.39
 LAB*TCa 87.5 21.6 88.31

relative CIELAB lab*
 lab*lab 0.971 0.007 0.25
 lab*ich 0.875 0.25 0.245
 lab*nch 0.0 0.25 0.245
 standard and adapted CIELAB
 lab*lab 0.971 0.0 0.25
 lab*ich 0.875 0.25 0.245
 lab*nch 0.0 0.25 0.245

relative Inform. Technology (IT)
 olv3* 0.75 0.724 0.5 (1.0)
 cmyn3* 0.25 0.276 0.5 (0.0)
 olv4* 1.0 0.974 0.75 (1.0)
 cmyn4* 0.0 0.026 0.25 (0.0)
 LAB*LAB 73.87 0.54 24.86
 LAB*LAB 73.87 0.0 21.6
 LAB*TCa 62.5 21.61 88.29

relative CIELAB lab*
 lab*lab 0.721 0.007 0.25
 lab*ich 0.625 0.25 0.245
 lab*nch 0.0 0.25 0.245
 standard and adapted CIELAB
 lab*lab 0.721 0.0 0.25
 lab*ich 0.625 0.25 0.245
 lab*nch 0.0 0.25 0.245

relative Inform. Technology (IT)
 olv3* 0.5 0.474 0.25 (1.0)
 cmyn3* 0.5 0.526 0.75 (0.0)
 olv4* 1.0 0.974 0.75 (1.0)
 cmyn4* 0.0 0.026 0.25 (0.0)
 LAB*LAB 54.39 0.81 23.57
 LAB*LAB 54.39 0.0 21.6
 LAB*TCa 37.5 21.61 88.29

relative CIELAB lab*
 lab*lab 0.471 0.007 0.25
 lab*ich 0.375 0.25 0.245
 lab*nch 0.0 0.25 0.245
 standard and adapted CIELAB
 lab*lab 0.471 0.0 0.25
 lab*ich 0.375 0.25 0.245
 lab*nch 0.0 0.25 0.245

relative Inform. Technology (IT)
 olv3* 0.25 0.442 0.015 (1.0)
 cmyn3* 0.75 0.776 1.0 (0.0)
 olv4* 1.0 0.974 0.75 (1.0)
 cmyn4* 0.0 0.026 0.25 (0.0)
 LAB*LAB 35.19 1.08 22.27
 LAB*LAB 35.19 0.0 21.59
 LAB*TCa 12.5 21.6 88.29

relative CIELAB lab*
 lab*lab 0.221 0.007 0.25
 lab*ich 0.125 0.25 0.245
 lab*nch 0.0 0.25 0.245
 standard and adapted CIELAB
 lab*lab 0.221 0.0 0.25
 lab*ich 0.125 0.25 0.245
 lab*nch 0.0 0.25 0.245

relative Inform. Technology (IT)
 olv3* 0.0 0.442 0.015 (1.0)
 cmyn3* 0.75 0.776 1.0 (0.0)
 olv4* 1.0 0.974 0.75 (1.0)
 cmyn4* 0.0 0.026 0.25 (0.0)
 LAB*LAB 35.19 1.08 22.27
 LAB*LAB 35.19 0.0 21.59
 LAB*TCa 12.5 21.6 88.29

relative CIELAB lab*
 lab*lab 0.442 0.015 0.5
 lab*ich 0.25 0.5 0.245
 lab*nch 0.0 0.5 0.245
 standard and adapted CIELAB
 lab*lab 0.442 0.0 0.5
 lab*ich 0.25 0.5 0.245
 lab*nch 0.0 0.5 0.245

relative Inform. Technology (IT)
 olv3* 0.0 0.442 0.015 (1.0)
 cmyn3* 0.75 0.776 1.0 (0.0)
 olv4* 1.0 0.974 0.75 (1.0)
 cmyn4* 0.0 0.026 0.25 (0.0)
 LAB*LAB 35.19 1.08 22.27
 LAB*LAB 35.19 0.0 21.59
 LAB*TCa 12.5 21.6 88.29

ORS18; adaptierte CIELAB-Daten

	$L^*=L_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	65.05	50.54	82.38	38
Y _{Ma}	91.0	-4.72	90.58	90.7	93
L _{Ma}	50.9	-63.18	34.98	72.22	151
C _{Ma}	56.99	-39.34	-48.1	62.16	231
V _{Ma}	25.72	30.89	-44.4	54.09	305
M _{Ma}	49.99	75.76	-4.64	75.9	356
N _{Ma}	18.09	0.0	0.0	0.0	0
W _{Ma}	95.46	0.0	0.0	0.0	0
RCIE	41.88	61.66	30.69	68.88	26
JCIE	81.97	2.02	67.79	67.82	88
GCIE	51.62	-41.32	9.74	42.46	167
BCIE	29.2	-5.79	-49.61	49.96	263

%Regularität

 $g^*_{H,rel} = 65$ $g^*_{C,rel} = 60$

relative Inform. Technology (IT)
 olv3* 1.0 0.921 0.25 (1.0)
 cmyn3* 0.0 0.079 0.75 (0.0)
 olv4* 1.0 0.922 0.25 (1.0)
 cmyn4* 0.0 0.079 0.75 (0.0)
 LAB*LAB 88.73 1.62 69.03
 LAB*LAB 88.73 0.0 64.78
 LAB*TCa 62.5 64.81 88.3

relative CIELAB lab*
 lab*lab 0.912 0.022 0.75
 lab*ich 0.625 0.75 0.245
 lab*nch 0.0 0.75 0.245
 standard and adapted CIELAB
 lab*lab 0.912 0.0 0.75
 lab*ich 0.625 0.75 0.245
 lab*nch 0.0 0.75 0.245

relative Inform. Technology (IT)
 olv3* 0.75 0.671 0.0 (1.0)
 cmyn3* 0.25 0.302 0.75 (0.0)
 olv4* 1.0 0.948 0.5 (0.0)
 cmyn4* 0.0 0.052 0.5 (0.0)
 LAB*LAB 71.63 1.22 46.3
 LAB*LAB 71.63 0.0 43.19
 LAB*TCa 50.0 43.21 88.29

relative CIELAB lab*
 lab*lab 0.692 0.015 0.5
 lab*ich 0.5 0.5 0.245
 lab*nch 0.0 0.5 0.245
 standard and adapted CIELAB
 lab*lab 0.692 0.0 0.5
 lab*ich 0.5 0.5 0.245
 lab*nch 0.0 0.5 0.245

relative Inform. Technology (IT)
 olv3* 0.5 0.448 0.0 (1.0)
 cmyn3* 0.5 0.552 1.0 (0.0)
 olv4* 1.0 0.948 0.5 (0.0)
 cmyn4* 0.0 0.052 0.5 (0.0)
 LAB*LAB 52.29 1.29 43.18
 LAB*LAB 52.29 0.0 43.18
 LAB*TCa 25.01 43.2 88.29

relative CIELAB lab*
 lab*lab 0.442 0.015 0.5
 lab*ich 0.25 0.5 0.245
 lab*nch 0.0 0.5 0.245
 standard and adapted CIELAB
 lab*lab 0.442 0.0 0.5
 lab*ich 0.25 0.5 0.245
 lab*nch 0.0 0.5 0.245

relative Inform. Technology (IT)
 olv3* 0.0 0.448 0.0 (1.0)
 cmyn3* 0.5 0.552 1.0 (0.0)
 olv4* 1.0 0.948 0.5 (0.0)
 cmyn4* 0.0 0.052 0.5 (0.0)
 LAB*LAB 52.29 1.29 43.18
 LAB*LAB 52.29 0.0 43.18
 LAB*TCa 25.01 43.2 88.29

relative CIELAB lab*
 lab*lab 0.442 0.015 0.5
 lab*ich 0.25 0.5 0.245
 lab*nch 0.0 0.5 0.245
 standard and adapted CIELAB
 lab*lab 0.442 0.0 0.5
 lab*ich 0.25 0.5 0.245
 lab*nch 0.0 0.5 0.245

relative Inform. Technology (IT)
 olv3* 0.0 0.448 0.0 (1.0)
 cmyn3* 0.5 0.552 1.0 (0.0)
 olv4* 1.0 0.948 0.5 (0.0)
 cmyn4* 0.0 0.052 0.5 (0.0)
 LAB*LAB 52.29 1.29 43.18
 LAB*LAB 52.29 0.0 43.18
 LAB*TCa 25.01 43.2 88.29

Schwarzheit n^* $n^* = 0.00$ $n^* = 0.25$ $n^* = 0.50$ $n^* = 0.75$ $n^* = 1.00$ relative Buntheit c^* $c^* = 0.00$ $c^* = 0.25$ $c^* = 0.50$ $c^* = 0.75$ $c^* = 1.00$ relative Buntheit c^* $c^* = 1.00$

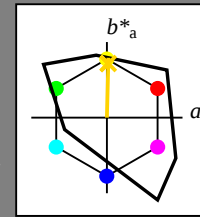
Ausgabe: Farbmetrisches Fernseh-Licht-System TLS00

für Buntton $h^* = lab^*h = 89/360 = 0.246$ lab^*ich und lab^*nch

D50: Buntton J

LCH*Ma: 87 79 89

olv*Ma: 1.0 0.83 0.0

Dreiecks-Helligkeit t^* 

relative Inform. Technology (IT)
 olv3* 1.0 1.0 1.0 (1.0)
 cmyn3* 0.0 0.0 0.0 (0.0)
 olv4* 1.0 1.0 1.0 (1.0)
 cmyn4* 0.0 0.0 0.0 (0.0)
 LAB*LAB 95.41 0.0 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*ich 1.0 0.0 0.0
 lab*nch 0.0 0.0 0.0
 relative Natural Colour (NC)
 lab*ich 1.0 0.0 0.0
 lab*nch 0.0 0.0 0.0
 lab*ic 1.0 0.0 0.0
 lab*nc 0.0 0.0 0.0

relative Inform. Technology (IT)
 olv3* 0.75 0.75 0.75 (1.0)
 cmyn3* 0.25 0.25 0.25 (0.0)
 olv4* 1.0 1.0 1.0 (1.0)
 cmyn4* 0.0 0.0 0.0 (0.0)
 LAB*LAB 71.57 0.0 0.0
 LAB*LAB 71.57 0.0 0.0
 LAB*TCa 75.00 0.01 -

relative CIELAB lab*
 lab*lab 0.75 0.0 0.0
 lab*ich 0.75 0.0 0.0
 lab*nch 0.25 0.0 0.0
 relative Natural Colour (NC)
 lab*ich 0.75 0.0 0.0
 lab*nch 0.25 0.0 0.0
 lab*ic 0.75 0.0 0.0
 lab*nc 0.25 0.0 0.0

relative Inform. Technology (IT)
 olv3* 0.5 0.5 0.5 (0.0)
 cmyn3* 0.5 0.5 0.5 (0.0)
 olv4* 1.0 1.0 1.0 (1.0)
 cmyn4* 0.0 0.0 0.0 (0.0)
 LAB*LAB 56.37 0.13 2.11
 LAB*LAB 56.37 0.0 0.0
 LAB*TCa 50.00 0.01 -

relative CIELAB lab*
 lab*lab 0.5 0.0 0.0
 lab*ich 0.5 0.0 0.0
 lab*nch 0.0 0.0 0.0
 relative Natural Colour (NC)
 lab*ich 0.5 0.0 0.0
 lab*nch 0.0 0.0 0.0
 lab*ic 0.5 0.0 0.0
 lab*nc 0.0 0.0 0.0

relative Inform. Technology (IT)
 olv3* 0.25 0.25 0.25 (0.0)
 cmyn3* 0.75 0.75 0.75 (0.0)
 olv4* 1.0 1.0 1.0 (1.0)
 cmyn4* 0.0 0.0 0.0 (0.0)
 LAB*LAB 37.44 0.07 0.82
 LAB*LAB 37.44 0.0 0.0
 LAB*TCa 25.00 0.01 -

relative CIELAB lab*
 lab*lab 0.25 0.0 0.0
 lab*ich 0.25 0.0 0.0
 lab*nch 0.0 0.0 0.0
 relative Natural Colour (NC)
 lab*ich 0.25 0.0 0.0
 lab*nch 0.0 0.0 0.0
 lab*ic 0.25 0.0 0.0
 lab*nc 0.0 0.0 0.0

relative Inform. Technology (IT)
 olv3* 0.0 0.25 0.25 (1.0)
 cmyn3* 0.75 0.75 0.75 (0.0)
 olv4* 1.0 1.0 1.0 (1.0)
 cmyn4* 0.0 0.0 0.0 (0.0)
 LAB*LAB 18.1 0.67 0.46
 LAB*LAB 18.1 0.0 0.0
 LAB*TCa 0.00 0.01 -

relative CIELAB lab*
 lab*lab 0.0 0.25 0.25
 lab*ich 0.0 0.25 0.25
 lab*nch 1.0 0.0 0.0
 relative Natural Colour (NC)
 lab*ich 0.0 0.25 0.25
 lab*nch 1.0 0.0 0.0
 lab*ic 0.0 0.25 0.25
 lab*nc 1.0 0.0 0.0

relative Inform. Technology (IT)
 olv3* 0.0 0.25 0.25 (1.0)
 cmyn3* 0.75 0.75 0.75 (0.0)
 olv4* 1.0 1.0 1.0 (1.0)
 cmyn4* 0.0 0.0 0.0 (0.0)
 LAB*LAB 18.1 0.67 0.46
 LAB*LAB 18.1 0.0 0.0
 LAB*TCa 0.00 0.01 -

relative CIELAB lab*
 lab*lab 0.0 0.25 0.25
 lab*ich 0.0 0.25 0.25
 lab*nch 1.0 0.0 0.0
 relative Natural Colour (NC)
 lab*ich 0.0 0.25 0.25
 lab*nch 1.0 0.0 0.0
 lab*ic 0.0 0.25 0.25
 lab*nc 1.0 0.0 0.0

Schwarzheit n^* $n^* = 0.00$ $n^* = 0.25$ $n^* = 0.50$ $n^* = 0.75$ $n^* = 1.00$ relative Buntheit c^* $c^* = 0.00$ $c^* = 0.25$ $c^* = 0.50$ $c^* = 0.75$ $c^* = 1.00$ relative Buntheit c^* $c^* = 1.00$

TLS00; adaptierte CIELAB-Daten

	$L^*=L_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
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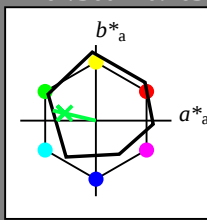
Eingabe: Farbmetrisches Offset-Reflektiv-System ORS18

für Buntton $h^* = lab^*h = 167/360 = 0.463$

lab^*ch und lab^*nch

D50: Buntton G
LCH*Ma: 52 59 167
olv*Ma: 0.0 1.0 0.26

Dreiecks-Helligkeit t^*



%Umfang

$u^*_{rel} = 94$

relative Inform. Technology (IT)
olv3* 1.0 1.0 1.0 (1.0)
cmyn3* 0.0 0.0 0.0 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 95.46 -39.49 4.69
LAB*LAB 95.46 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 -
relative Natural Colour (NC)
lab*tr 1.0 0.0 0.0
lab*ce 1.0 0.0 -
lab*nce 0.0 0.0 -

relative Inform. Technology (IT)
olv3* 0.75 0.75 0.75 (1.0)
cmyn3* 0.25 0.25 0.25 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 76.12 -0.12 3.4
LAB*LAB 76.12 0.0 0.0
LAB*LAB 75.00 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*tr 0.75 0.0 0.0
lab*ce 0.75 0.0 0.0
lab*nce 0.0 0.0 -

relative Inform. Technology (IT)
olv3* 0.5 0.5 0.5 (0.0)
cmyn3* 0.5 0.5 0.5 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 56.78 0.13 2.11
LAB*LAB 56.78 0.0 0.0
LAB*LAB 55.00 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*tr 0.5 0.0 0.0
lab*ce 0.5 0.0 0.0
lab*nce 0.0 0.0 -

relative Inform. Technology (IT)
olv3* 0.25 0.25 0.25 (1.0)
cmyn3* 0.75 0.75 0.75 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 37.44 0.0 0.0
LAB*LAB 37.44 0.0 0.0
LAB*LAB 35.00 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*tr 0.25 0.0 0.0
lab*ce 0.25 0.0 0.0
lab*nce 0.0 0.0 -

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 1.0 (0.0)
olv4* 1.0 1.0 1.0 (0.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 18.1 0.0 0.0
LAB*LAB 18.1 0.0 0.0
LAB*LAB 16.00 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*tr 0.0 0.0 0.0
lab*ce 0.0 0.0 0.0
lab*nce 1.0 0.0 -

$n^* = 1.0$

ORS18; adaptierte CIELAB-Daten

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	65.05	50.54	82.38	38
Y _{Ma}	91.0	-4.72	90.58	90.7	93
L _{Ma}	50.9	-63.18	34.98	72.22	151
C _{Ma}	56.99	-39.34	-48.1	62.16	231
V _{Ma}	25.72	30.89	-44.4	54.09	305
M _{Ma}	49.99	75.76	-4.64	75.9	356
N _{Ma}	18.09	0.0	0.0	0.0	0
W _{Ma}	95.46	0.0	0.0	0.0	0
R _{CIE}	41.88	61.66	30.69	68.88	26
J _{CIE}	81.97	2.02	67.79	67.82	88
G _{CIE}	51.62	-41.32	9.74	42.46	167
B _{CIE}	29.2	-5.79	-49.61	49.96	263

%Regularität

$g^*_{H,rel} = 65$

$g^*_{C,rel} = 60$

relative Inform. Technology (IT)
olv3* 0.5 1.0 0.5 (1.0)
cmyn3* 0.5 0.0 0.5 (0.0)
olv4* 0.5 1.0 0.5 (1.0)
cmyn4* 0.5 0.0 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 73.97 -28.49 9.98
LAB*LAB 73.97 0.0 0.0
LAB*LAB 75.00 29.28 166.74

relative CIELAB lab*
lab*lab 0.722 -0.486 0.115
lab*ch 0.75 0.5 0.463
lab*nch 0.0 0.5 0.463
relative Natural Colour (NC)
lab*tr 0.722 -0.486 0.115
lab*ce 0.75 0.5 0.463
lab*nce 0.0 0.5 0.463

relative Inform. Technology (IT)
olv3* 0.25 0.75 0.25 (1.0)
cmyn3* 0.75 0.25 0.625 (0.0)
olv4* 0.5 1.0 0.5 (0.0)
cmyn4* 0.5 0.0 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 54.63 -28.33 8.7
LAB*LAB 54.63 0.0 0.0
LAB*LAB 50.00 29.28 166.73

relative CIELAB lab*
lab*lab 0.472 -0.486 0.115
lab*ch 0.5 0.5 0.463
lab*nch 0.0 0.5 0.463
relative Natural Colour (NC)
lab*tr 0.472 -0.486 0.115
lab*ce 0.5 0.5 0.463
lab*nce 0.0 0.5 0.463

relative Inform. Technology (IT)
olv3* 0.0 0.75 0.25 (1.0)
cmyn3* 1.0 0.5 0.875 (0.0)
olv4* 0.5 1.0 0.5 (0.0)
cmyn4* 0.5 0.0 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 35.29 -28.06 7.3
LAB*LAB 35.29 0.0 0.0
LAB*LAB 25.00 29.28 166.72

relative CIELAB lab*
lab*lab 0.222 -0.486 0.115
lab*ch 0.25 0.5 0.463
lab*nch 0.0 0.5 0.463
relative Natural Colour (NC)
lab*tr 0.222 -0.486 0.115
lab*ce 0.25 0.5 0.463
lab*nce 0.0 0.5 0.463

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 0.75 0.9375 (0.0)
olv4* 0.5 1.0 0.5 (0.0)
cmyn4* 0.5 0.0 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 26.69 -14.24 3.37
LAB*LAB 26.69 0.0 0.0
LAB*LAB 12.5 14.64 166.71

relative CIELAB lab*
lab*lab 0.111 -0.242 0.057
lab*ch 0.125 0.25 0.463
lab*nch 0.0 0.25 0.463
relative Natural Colour (NC)
lab*tr 0.111 -0.242 0.057
lab*ce 0.125 0.25 0.463
lab*nce 0.0 0.25 0.463

$n^* = 0.50$

relative Inform. Technology (IT)
olv3* 0.25 1.0 0.25 (1.0)
cmyn3* 1.0 0.0 0.25 (0.0)
olv4* 0.25 1.0 0.25 (1.0)
cmyn4* 1.0 0.0 0.25 (0.0)
standard and adapted CIELAB
LAB*LAB 63.22 -42.69 12.63
LAB*LAB 63.22 0.0 0.0
LAB*LAB 62.5 43.92 166.74

relative CIELAB lab*
lab*lab 0.382 -0.729 0.172
lab*ch 0.625 0.75 0.463
lab*nch 0.0 0.75 0.463
relative Natural Colour (NC)
lab*tr 0.382 -0.729 0.172
lab*ce 0.625 0.75 0.463
lab*nce 0.0 0.75 0.463

relative Inform. Technology (IT)
olv3* 0.0 0.25 0.75 (1.0)
cmyn3* 0.75 0.0 0.75 (0.0)
olv4* 0.25 1.0 0.25 (1.0)
cmyn4* 0.75 0.0 0.25 (0.0)
standard and adapted CIELAB
LAB*LAB 43.88 -42.43 11.35
LAB*LAB 43.88 0.0 0.0
LAB*LAB 37.51 43.93 166.73

relative CIELAB lab*
lab*lab 0.333 -0.729 0.172
lab*ch 0.375 0.75 0.463
lab*nch 0.0 0.75 0.463
relative Natural Colour (NC)
lab*tr 0.333 -0.729 0.172
lab*ce 0.375 0.75 0.463
lab*nce 0.0 0.75 0.463

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 0.5 0.875 (0.0)
olv4* 0.5 1.0 0.5 (0.0)
cmyn4* 0.5 0.0 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 23.87 0.0 0.0
LAB*LAB 23.87 0.0 0.0
LAB*LAB 25.00 29.28 166.73

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*tr 0.25 0.0 0.0
lab*ce 0.25 0.0 0.0
lab*nce 0.0 0.0 -

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 1.0 (0.0)
olv4* 1.0 1.0 1.0 (0.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 0.0 0.0 0.0
LAB*LAB 0.0 0.0 0.0
LAB*LAB 0.00 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*tr 0.0 0.0 0.0
lab*ce 0.0 0.0 0.0
lab*nce 1.0 0.0 -

$n^* = 0.00$

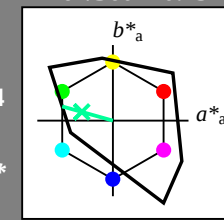
Ausgabe: Farbmetrisches Fernseh-Licht-System TLS00

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

lab^*ch und lab^*nch

D50: Buntton G
LCH*Ma: 84 70 164
olv*Ma: 0.0 1.0 0.6

Dreiecks-Helligkeit t^*



%Umfang

$u^*_{rel} = 156$

relative Inform. Technology (IT)
olv3* 1.0 1.0 1.0 (1.0)
cmyn3* 0.0 0.0 0.0 (0.0)
olv4* 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 0.0 0.0
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 -
relative Natural Colour (NC)
lab*tr 1.0 0.0 0.0
lab*ce 1.0 0.0 -
lab*nce 0.0 0.0 -

relative Inform. Technology (IT)
olv3* 0.75 0.75 0.75 (1.0)
cmyn3* 0.25 0.25 0.25 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 71.57 0.0 0.0
LAB*LAB 71.57 0.0 0.0
LAB*LAB 75.00 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*tr 0.75 0.0 0.0
lab*ce 0.75 0.0 0.0
lab*nce 0.0 0.0 -

relative Inform. Technology (IT)
olv3* 0.5 0.5 0.5 (0.0)
cmyn3* 0.5 0.5 0.5 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 52.48 -56.79 15.28
LAB*LAB 52.48 0.0 0.0
LAB*LAB 50.00 58.56 166.73

relative CIELAB lab*
lab*lab 0.444 -0.972 0.229
lab*ch 0.5 1.0 0.463
lab*nch 0.0 1.0 0.463
relative Natural Colour (NC)
lab*tr 0.444 -0.972 0.229
lab*ce 0.5 1.0 0.463
lab*nce 0.0 1.0 0.463

relative Inform. Technology (IT)
olv3* 0.25 0.75 0.25 (1.0)
cmyn3* 0.75 0.25 0.625 (0.0)
olv4* 0.5 1.0 0.5 (0.0)
cmyn4* 0.5 0.0 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 32.41 -28.06 7.3
LAB*LAB 32.41 0.0 0.0
LAB*LAB 25.00 29.28 166.72

relative CIELAB lab*
lab*lab 0.222 -0.486 0.115
lab*ch 0.25 0.5 0.463
lab*nch 0.0 0.5 0.463
relative Natural Colour (NC)
lab*tr 0.222 -0.486 0.115
lab*ce 0.25 0.5 0.463
lab*nce 0.0 0.5 0.463

relative Inform. Technology (IT)
olv3* 0.0 0.25 0.75 (1.0)
cmyn3* 0.75 0.0 0.75 (0.0)
olv4* 0.25 1.0 0.25 (1.0)
cmyn4* 0.75 0.0 0.25 (0.0)
standard and adapted CIELAB
LAB*LAB 43.88 -42.43 11.35
LAB*LAB 43.88 0.0 0.0
LAB*LAB 37.51 43.93 166.73

relative CIELAB lab*
lab*lab 0.333 -0.729 0.172
lab*ch 0.375 0.75 0.463
lab*nch 0.0 0.75 0.463
relative Natural Colour (NC)
lab*tr 0.333 -0.729 0.172
lab*ce 0.375 0.75 0.463
lab*nce 0.0 0.75 0.463

$n^* = 0.25$

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 0.5 0.875 (0.0)
olv4* 0.5 1.0 0.5 (0.0)
cmyn4* 0.5 0.0 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 23.87 0.0 0.0
LAB*LAB 23.87 0.0 0.0
LAB*LAB 25.00 29.28 166.73

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*tr 0.25 0.0 0.0
lab*ce 0.25 0.0 0.0
lab*nce 0.0 0.0 -

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 1.0 (0.0)
olv4* 1.0 1.0 1.0 (0.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 0.0 0.0 0.0
LAB*LAB 0.0 0.0 0.0
LAB*LAB 0.00 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*tr 0.0 0.0 0.0
lab*ce 0.0 0.0 0.0
lab*nce 1.0 0.0 -

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 1.0 (0.0)
olv4* 1.0 1.0 1.0 (0.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 0.0 0.0 0.0
LAB*LAB 0.0 0.0 0.0
LAB*LAB 0.00 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*tr 0.0 0.0 0.0
lab*ce 0.0 0.0 0.0
lab*nce 1.0 0.0 -

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 1.0 (0.0)
olv4* 1.0 1.0 1.0 (0.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 0.0 0.0 0.0
LAB*LAB 0.0 0.0 0.0
LAB*LAB 0.00 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*tr 0.0 0.0 0.0
lab*ce 0.0 0.0 0.0
lab*nce 1.0 0.0 -

$n^* = 1.0$

TLS00; adaptierte CIELAB-Daten

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	54.19	79.36	63.0	101.33	38
Y _{Ma}	93.44	-14.18	82.59	83.8	100
L _{Ma}	82.82	-83.73	70.41	109.41	140
C _{Ma}	85.22	-55.9	-15.78	58.1	196
V _{Ma}	25.61	67.05	-108.87	127.87	302
M _{Ma}	58.76	91.18	-53.69	105.82	330
N _{Ma}	0.01	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
R _{CIE}	41.88	62.0	31.82	69.69	27
J _{CIE}	81.97	1.81	71.59	71.61	89
G _{CIE}	51.62	-41.11	11.52	42.7	164
B _{CIE}	29.2	-5.27	-49.33	49.62	264

%Regularität

$g^*_{H,rel} = 26$

$g^*_{C,rel} = 45$

relative Inform. Technology (IT)
olv3* 0.5 1.0 0.5 (1.0)
cmyn3* 0.5 0.0 0.5 (0.0)
olv4* 0.5 1.0 0.5 (1.0)
cmyn4* 0.5 0.0 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 89.83 -33.52 9.39
LAB*LAB 89.83 0.0 0.0
LAB*LAB 84.82 34.82 164.36

relative CIELAB lab*
lab*lab 0.941 -0.48 0.135
lab*ch 0.75 0.5 0.457
lab*nch 0.0 0.5 0.457
relative Natural Colour (NC)
lab*tr 0.941 -0.48 0.135
lab*ce 0.75 0.5 0.457
lab*nce 0.0 0.5 0.457

relative Inform. Technology (IT)
olv3* 0.25 0.75 0.25 (1.0)
cmyn3* 0.75 0.25 0.625 (0.0)
olv4* 0.5 1.0 0.5 (0.0)
cmyn4* 0.5 0.0 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 68.77 -16.76 4.7
LAB*LAB 68.77 0.0 0.0
LAB*LAB 62.5 17.41 164.35

relative CIELAB lab*
lab*lab 0.721 -0.24 0.067
lab*ch 0.625 0.25 0.457
lab*nch 0.0 0.25 0.457
relative Natural Colour (NC)
lab*tr 0.721 -0.24 0.067
lab*ce 0.625 0.25 0.457
lab*nce 0.0 0.25 0.457

relative Inform. Technology (IT)
olv3* 0.0 0.25 0.75 (1.0)
cmyn3* 0.75 0.0 0.75 (0.0)
olv4* 0.25 1.0 0.25 (1.0)
cmyn4* 0.75 0.0 0.25 (0.0)
standard and adapted CIELAB
LAB*LAB 44.92 -16.76 4.7
LAB*LAB 44.92 0.0 0.0
LAB*LAB 37.5 17.41 164.35

relative CIELAB lab*
lab*lab 0.471 -0.24 0.067
lab*ch 0.375 0.25 0.457
lab*nch 0.0 0.25 0.457
relative Natural Colour (NC)
lab*tr 0.471 -0.24 0.067
