

Eingabe: Farbmetrisches Offset-Reflektiv-System ORS18

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

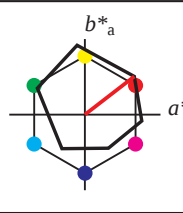
lab^*ch und lab^*nch

A: Buntton O

LCH*Ma: 48 83 38

olv*Ma: 1.0 0.0 0.0

Dreiecks-Helligkeit t^*



%Umfang

$u^*_{rel} = 93$

relative Inform. Technology (IT)

olv3*	1.0	1.0	1.0	(1.0)
olv3*	0.0	0.0	0.0	(0.0)
olv4*	1.0	1.0	1.0	(1.0)
olv4*	0.0	0.0	0.0	(0.0)
olv4*	0.0	0.0	0.0	(0.0)
olv4*	0.0	0.0	0.0	(0.0)
standard and adapted CIE LAB				
LAB*Lab	59.41	-0.98	47.5	
LAB*Lab	95.41	0.0	0.0	
LAB*Lab	99.99	0.01	0.0	

relative Inform. Technology (IT)

olv3*	1.0	0.75	0.75	(1.0)
olv3*	0.0	0.25	0.25	(0.0)
olv4*	1.0	0.75	0.75	(1.0)
olv4*	0.0	0.25	0.25	(0.0)
olv4*	0.0	0.25	0.25	(0.0)
olv4*	0.0	0.25	0.25	(0.0)
standard and adapted CIE LAB				
LAB*Lab	83.54	15.58	16.58	
LAB*Lab	83.54	16.34	12.62	
LAB*Lab	87.5	20.65	37.69	

relative Inform. Technology (IT)

olv3*	0.75	0.75	0.75	(1.0)
olv3*	0.25	0.25	0.25	(0.0)
olv4*	1.0	1.0	1.0	(1.0)
olv4*	0.0	0.0	0.0	(0.0)
olv4*	0.0	0.0	0.0	(0.0)
olv4*	0.0	0.0	0.0	(0.0)
standard and adapted CIE LAB				
LAB*Lab	76.06	-0.61	3.44	
LAB*Lab	76.06	0.0	0.0	
LAB*Lab	75.00	0.01	0.0	

relative Inform. Technology (IT)

olv3*	0.75	0.75	0.75	(1.0)
olv3*	0.25	0.25	0.25	(0.0)
olv4*	1.0	1.0	1.0	(1.0)
olv4*	0.0	0.0	0.0	(0.0)
olv4*	0.0	0.0	0.0	(0.0)
olv4*	0.0	0.0	0.0	(0.0)
standard and adapted CIE LAB				
LAB*Lab	56.71	-0.24	2.14	
LAB*Lab	56.71	0.0	0.0	
LAB*Lab	55.00	0.01	0.0	

relative Inform. Technology (IT)

olv3*	0.75	0.75	0.75	(1.0)
olv3*	0.25	0.25	0.25	(0.0)
olv4*	1.0	1.0	1.0	(1.0)
olv4*	0.0	0.0	0.0	(0.0)
olv4*	0.0	0.0	0.0	(0.0)
olv4*	0.0	0.0	0.0	(0.0)
standard and adapted CIE LAB				
LAB*Lab	56.71	-0.24	2.14	
LAB*Lab	56.71	0.0	0.0	
LAB*Lab	55.00	0.01	0.0	

relative Inform. Technology (IT)

olv3*	0.75	0.75	0.75	(1.0)
olv3*	0.25	0.25	0.25	(0.0)
olv4*	1.0	1.0	1.0	(1.0)
olv4*	0.0	0.0	0.0	(0.0)
olv4*	0.0	0.0	0.0	(0.0)
olv4*	0.0	0.0	0.0	(0.0)
standard and adapted CIE LAB				
LAB*Lab	56.71	-0.24	2.14	
LAB*Lab	56.71	0.0	0.0	
LAB*Lab	55.00	0.01	0.0	

relative Inform. Technology (IT)

olv3*	0.75	0.75	0.75	(1.0)
olv3*	0.25	0.25	0.25	(0.0)
olv4*	1.0	1.0	1.0	(1.0)
olv4*	0.0	0.0	0.0	(0.0)
olv4*	0.0	0.0	0.0	(0.0)
olv4*	0.0	0.0	0.0	(0.0)
standard and adapted CIE LAB				
LAB*Lab	56.71	-0.24	2.14	
LAB*Lab	56.71	0.0	0.0	
LAB*Lab	55.00	0.01	0.0	

relative Inform. Technology (IT)

olv3*	0.75	0.75	0.75	(1.0)
olv3*	0.25	0.25	0.25	(0.0)
olv4*	1.0	1.0	1.0	(1.0)
olv4*	0.0	0.0	0.0	(0.0)
olv4*	0.0	0.0	0.0	(0.0)
olv4*	0.0	0.0	0.0	(0.0)
standard and adapted CIE LAB				
LAB*Lab	56.71	-0.24	2.14	
LAB*Lab	56.71	0.0	0.0	
LAB*Lab	55.00	0.01	0.0	

relative Inform. Technology (IT)

olv3*	0.75	0.75	0.75	(1.0)
olv3*	0.25	0.25	0.25	(0.0)
olv4*	1.0	1.0	1.0	(1.0)
olv4*	0.0	0.0	0.0	(0.0)
olv4*	0.0	0.0	0.0	(0.0)
olv4*	0.0	0.0	0.0	(0.0)
standard and adapted CIE LAB				
LAB*Lab	56.71	-0.24	2.14	
LAB*Lab	56.71	0.0	0.0	
LAB*Lab	55.00	0.01	0.0	

relative Inform. Technology (IT)

olv3*	0.75	0.75	0.75	(1.0)
olv3*	0.25	0.25	0.25	(0.0)
olv4*	1.0	1.0	1.0	(1.0)
olv4*	0.0	0.0	0.0	(0.0)
olv4*	0.0	0.0	0.0	(0.0)
olv4*	0.0	0.0	0.0	(0.0)
standard and adapted CIE LAB				
LAB*Lab	56.71	-0.24	2.14	
LAB*Lab	56.71	0.0	0.0	
LAB*Lab	55.00	0.01	0.0	

relative Inform. Technology (IT)

olv3*	0.75	0.75	0.75	(1.0)
olv3*	0.25	0.25	0.25	(0.0)
olv4*	1.0	1.0	1.0	(1.0)
olv4*	0.0	0.0	0.0	(0.0)
olv4*	0.0	0.0	0.0	(0.0)
olv4*	0.0	0.0	0.0	(0.0)
standard and adapted CIE LAB				
LAB*Lab	56.71	-0.24	2.14	
LAB*Lab	56.71	0.0	0.0	
LAB*Lab	55.00	0.01	0.0	

ORS18; adaptierte CIELAB-Daten

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	65.39	50.52	82.63	38
Y _{Ma}	90.37	-10.26	91.75	92.32	96
L _{Ma}	50.9	-62.83	34.96	71.91	151
C _{Ma}	58.62	-30.34	-45.01	54.3	236
V _{Ma}	25.72	31.1	-44.4	54.22	305
M _{Ma}	48.13	75.28	-8.36	75.74	354
N _{Ma}	18.01	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
R _{CIE}	39.92	58.66	26.98	64.57	25
J _{CIE}	81.26	-2.16	67.76	67.79	92
G _{CIE}	52.23	-42.25	11.76	43.87	164
B _{CIE}	30.57	1.15	-46.84	46.86	271

%Regularität

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

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

relative Inform. Technology (IT)

olv3*	1.0	0.5	0.5	(1.0)
olv3*	0.0	0.5	0.5	(0.0)
olv4*	1.0	0.5	0.5	(1.0)
olv4*	0.0	0.5	0.5	(0.0)
olv4*	0.0	0.5	0.5	(0.0)
olv4*	0.0	0.5	0.5	(0.0)
standard and adapted CIE LAB				
LAB*Lab	71.67	32.15	28.41	
LAB*Lab	71.67	32.69	25.25	
LAB*Lab	75.0	41.31	37.69	

relative Inform. Technology (IT)

olv3*	1.0	0.5	0.5	(1.0)
olv3*	0.0	0.5	0.5	(0.0)
olv4*	1.0	0.5	0.5	(1.0)
olv4*	0.0	0.5	0.5	(0.0)
olv4*	0.0	0.5	0.5	(0.0)
olv4*	0.0	0.5	0.5	(0.0)
standard and adapted CIE LAB				
LAB*Lab	59.8	48.73	40.24	
LAB*Lab	59.8	49.03	37.88	
LAB*Lab	62.5	61.96	37.69	

relative Inform. Technology (IT)

olv3*	1.0	0.5	0.5	(1.0)
olv3*	0.0	0.5	0.5	(0.0)
olv4*	1.0	0.5	0.5	(1.0)
olv4*	0.0	0.5	0.5	(0.0)
olv4*	0.0	0.5	0.5	(0.0)
olv4*	0.0	0.5	0.5	(0.0)
standard and adapted CIE LAB				
LAB*Lab	59.8	48.73	40.24	
LAB*Lab	59.8	49.03	37.88	
LAB*Lab	62.5	61.96	37.69	

relative Inform. Technology (IT)

olv3*	1.0	0.5	0.5	(1.0)
olv3*	0.0	0.5	0.5	(0.0)
olv4*	1.0	0.5	0.5	(1.0)
olv4*	0.0	0.5	0.5	(0.0)
olv4*	0.0	0.5	0.5	(0.0)
olv4*	0.0	0.5	0.5	(0.0)
standard and adapted CIE LAB				
LAB*Lab	59.8	48.73	40.24	
LAB*Lab	59.8	49.03	37.88	
LAB*Lab	62.5	61.96	37.69	

relative Inform. Technology (IT)

olv3*	1.0	0.5	0.5	(1.0)
olv3*	0.0	0.5	0.5	(0.0)
olv4*	1.0	0.5	0.5	(1.0)
olv4*	0.0	0.5	0.5	(0.0)
olv4*	0.0	0.5	0.5	(0.0)
olv4*	0.0	0.5	0.5	(0.0)
standard and adapted CIE LAB				
LAB*Lab	59.8	48.73	40.24	
LAB*Lab	59.8	49.03	37.88	
LAB*Lab	62.5	61.96	37.69	

relative Inform. Technology (IT)

olv3*	1.0	0.5	0.5	(1.0)
olv3*	0.0	0.5	0.5	(0.0)
olv4*	1.0	0.5	0.5	(1.0)
olv4*	0.0	0.5	0.5	(0.0)
olv4*	0.0	0.5	0.5	(0.0)
olv4*	0.0	0.5	0.5	(0.0)
standard and adapted CIE LAB				
LAB*Lab	59.8	48.73	40.24	
LAB*Lab	59.8	49.03	37.88	
LAB*Lab	62.5	61.96	37.69	

relative Inform. Technology (IT)

olv3*	1.0	0.5	0.5	(1.0)
olv3*	0.0	0.5	0.5	(0.0)
olv4*	1.0	0.5	0.5	(1.0)
olv4*	0.0	0.5	0.5	(0.0)
olv4*	0.0	0.5	0.5	(0.0)
olv4*	0.0	0.5	0.5	(0.0)
standard and adapted CIE LAB				
LAB*Lab	59.8	48.73	40.24	
LAB*Lab	59.8	49.03	37.88	
LAB*Lab	62.5	61.96	37.69	

relative Inform. Technology (IT)

olv3*	1.0	0.5	0.5	(1.0)
olv3*	0.0	0.5	0.5	(0.0)
olv4*	1.0	0.5	0.5	(1.0)
olv4*	0.0	0.5	0.5	(0.0)
olv4*	0.0	0.5	0.5	(0.0)
olv4*	0.0	0.5	0.5	(0.0)
standard and adapted CIE LAB				
LAB*Lab	59.8	48.73	40.24	
LAB*Lab	59.8	49.03	37.88	
LAB*Lab	62.5	61.96	37.69	

relative Inform. Technology (IT)

olv3*	1.0	0.5	0.5	(1.0)
olv3*	0.0	0.5	0.5	(0.0)
olv4*	1.0	0.5	0.5	(1.0)
olv4*	0.0	0.5	0.5	(0.0)
olv4*	0.0	0.5	0.5	(0.0)
olv4*	0.0	0.5	0.5	(0.0)
standard and adapted CIE LAB				
LAB*Lab	59.8	48.73	40.24	
LAB*Lab	59.8	49.03	37.88	
LAB*Lab	62.5	61.96	37.69	

Ausgabe: Farbmetrisches Fernseh-Licht-System TLS00

für Buntton $h^* = lab^*h = 40/360 = 0.111$

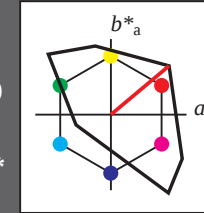
lab^*ch und lab^*nch

A: Buntton O

LCH*Ma: 51 100 40

olv*Ma: 1.0 0.0 0.0

Dreiecks-Helligkeit t^*



%Umfang

$u^*_{rel} = 158$

relative Inform. Technology (IT)

olv3*	1.0	1.0	1.0	(1.0)
olv3*	0.0	0.0	0.0	(0.0)
olv4*	1.0	1.0	1.0	(1.0)
olv4*	0.0	0.0	0.0	(0.0)
olv4*	0.0	0.0	0.0	(0.0)
olv4*	0.0	0.0	0.0	(0.0)
standard and adapted CIE LAB				
LAB*Lab	95.41	0.0	0.0	
LAB*Lab	95.41	0.0	0.0	
LAB*Lab	99.99	0.01	0.0	

relative Inform. Technology (IT)				
olv13*	1.0	0.75	0.75	(1.0)
cmyn3*	0.0	0.25	0.25	(0.0)
olv14*	1.0	0.75	0.75	1.0
cmyn4*	0.0	0.25	0.25	0.0
standard and adapted CIELAB				
LAB*LAB	84.18	19.22	16.13	
LAB*LABa	84.18	19.22	16.13	

Eingabe: Farbmetrisches Offset-Reflektiv-System ORS18

für Buntton $h^* = lab \cdot h = 96/360 = 0.268$

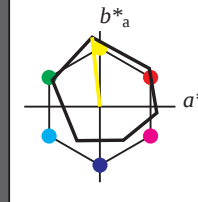
$lab \cdot tch$ und $lab \cdot nch$

A: Buntton Y

LCH*Ma: 90 92 96

olv*Ma: 1.0 1.0 0.0

Dreiecks-Helligkeit t^*



%Umfang

$u^*_{rel} = 93$

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 -0.98 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*tch 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*tce 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)
standard and adapted CIELAB
LAB*LAB 76.06 -0.61 3.44
LAB*LAB 76.06 0.0 0.0
LAB*LAB 75.00 0.01 -

relative CIELAB lab*
lab*lab 0.75 0.0 0.0
lab*tch 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*tce 0.75 0.0 0.0
lab*nce 0.0 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 56.71 -0.24 2.14
LAB*LAB 56.71 0.0 0.0
LAB*LAB 50.00 0.01 -

relative CIELAB lab*
lab*lab 0.5 0.0 0.0
lab*tch 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*tce 0.5 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)
standard and adapted CIELAB
LAB*LAB 37.36 -0.63 0.63
LAB*LAB 37.36 0.0 0.0
LAB*LAB 25.00 0.01 -

relative CIELAB lab*
lab*lab 0.25 0.0 0.0
lab*tch 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*tce 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)
standard and adapted CIELAB
LAB*LAB 18.02 0.0 0.47
LAB*LAB 18.02 0.0 0.0
LAB*LAB 0.01 0.01 -

relative CIELAB lab*
lab*lab 0.0 0.0 0.0
lab*tch 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*tce 0.0 0.0 0.0
lab*nce 1.0 0.0 0.0

$n^* = 1.0$

relative Inform. Technology (IT)
olv3* 1.0 1.0 0.75 (1.0)
cmyn3* 0.0 0.0 0.25 (0.0)
olv4* 1.0 1.0 0.75 (1.0)
cmyn4* 0.0 0.0 0.25 (0.0)
standard and adapted CIELAB
LAB*LAB 94.14 -3.52 27.6
LAB*LAB 94.14 -2.56 22.93
LAB*LAB 87.5 23.07 96.38

relative CIELAB lab*
lab*lab 0.984 -0.027 0.248
lab*tch 0.875 0.25 0.268
lab*nch 0.0 0.25 0.268
relative Natural Colour (NC)
lab*trj 0.984 -0.024 0.249
lab*tce 0.875 0.25 0.266
lab*nce 0.0 0.25 0.068

relative Inform. Technology (IT)
olv3* 0.75 0.75 0.5 (1.0)
cmyn3* 0.25 0.25 0.5 (0.0)
olv4* 1.0 1.0 0.75 (1.0)
cmyn4* 0.0 0.0 0.25 (0.0)
standard and adapted CIELAB
LAB*LAB 74.8 -3.15 26.3
LAB*LAB 74.8 -2.56 22.94
LAB*LAB 62.5 23.08 96.38

relative CIELAB lab*
lab*lab 0.734 -0.024 0.249
lab*tch 0.625 0.25 0.266
lab*nch 0.0 0.25 0.266
relative Natural Colour (NC)
lab*trj 0.734 -0.024 0.249
lab*tce 0.625 0.25 0.266
lab*nce 0.0 0.25 0.068

relative Inform. Technology (IT)
olv3* 0.5 0.5 0.25 (1.0)
cmyn3* 0.5 0.5 0.25 (0.0)
olv4* 1.0 1.0 0.75 (1.0)
cmyn4* 0.0 0.0 0.25 (0.0)
standard and adapted CIELAB
LAB*LAB 55.45 -2.78 5.05
LAB*LAB 55.45 -2.56 22.94
LAB*LAB 37.5 23.08 96.38

relative CIELAB lab*
lab*lab 0.484 -0.027 0.248
lab*tch 0.375 0.25 0.268
lab*nch 0.0 0.25 0.268
relative Natural Colour (NC)
lab*trj 0.484 -0.024 0.249
lab*tce 0.375 0.25 0.266
lab*nce 0.0 0.25 0.068

relative Inform. Technology (IT)
olv3* 0.25 0.25 0.0 (1.0)
cmyn3* 0.75 0.75 1.0 (0.0)
olv4* 1.0 1.0 0.25 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 36.1 -2.56 22.93
LAB*LAB 36.1 -2.56 22.93
LAB*LAB 12.5 23.07 96.38

relative CIELAB lab*
lab*lab 0.234 -0.027 0.248
lab*tch 0.125 0.25 0.268
lab*nch 0.0 0.25 0.268
relative Natural Colour (NC)
lab*trj 0.234 -0.024 0.249
lab*tce 0.125 0.25 0.266
lab*nce 0.0 0.25 0.068

$n^* = 0.50$

$n^* = 0.25$

$n^* = 0.125$

$n^* = 0.0625$

$n^* = 0.03125$

$n^* = 0.015625$

$n^* = 0.0078125$

$n^* = 0.00390625$

$n^* = 0.001953125$

$n^* = 0.0009765625$

$n^* = 0.00048828125$

$n^* = 0.000244140625$

$n^* = 0.0001220703125$

$n^* = 6.103515625 \times 10^{-5}$

$n^* = 3.0517578125 \times 10^{-5}$

$n^* = 1.52587890625 \times 10^{-5}$

$n^* = 7.62939453125 \times 10^{-6}$

$n^* = 3.814697265625 \times 10^{-6}$

$n^* = 1.9073486328125 \times 10^{-6}$

$n^* = 9.5367431640625 \times 10^{-7}$

$n^* = 4.76837158203125 \times 10^{-7}$

$n^* = 2.384185791015625 \times 10^{-7}$

$n^* = 1.1920928955078125 \times 10^{-7}$

$n^* = 5.9604644775390625 \times 10^{-8}$

$n^* = 2.98023223876953125 \times 10^{-8}$

$n^* = 1.490116119384765625 \times 10^{-8}$

$n^* = 7.450580596923828125 \times 10^{-9}$

$n^* = 3.7252902984619140625 \times 10^{-9}$

$n^* = 1.86264514923095703125 \times 10^{-9}$

$n^* = 9.31322574615478515625 \times 10^{-10}$

$n^* = 4.656612873077392578125 \times 10^{-10}$

$n^* = 2.3283064365386962890625 \times 10^{-10}$

$n^* = 1.16415321826934814453125 \times 10^{-10}$

$n^* = 5.82076609134674072265625 \times 10^{-11}$

$n^* = 2.910383045673370361328125 \times 10^{-11}$

$n^* = 1.4551915228366851806640625 \times 10^{-11}$

$n^* = 7.2759576141834259033203125 \times 10^{-12}$

$n^* = 3.63797880709171295166015625 \times 10^{-12}$

$n^* = 1.818989403545856475830078125 \times 10^{-12}$

$n^* = 9.094947017729282379150390625 \times 10^{-13}$

$n^* = 4.5474735088646411895751953125 \times 10^{-13}$

$n^* = 2.27373675443232059478759765625 \times 10^{-13}$

$n^* = 1.136868377216160297393798828125 \times 10^{-13}$

$n^* = 5.684341886080801486968994140625 \times 10^{-14}$

$n^* = 2.8421709430404007434844970703125 \times 10^{-14}$

$n^* = 1.42108547152020037174224853515625 \times 10^{-14}$

$n^* = 7.105427357601001858711242677734375 \times 10^{-15}$

$n^* = 3.5527136788005009293556213388671875 \times 10^{-15}$

$n^* = 1.77635683940025046467781066943359375 \times 10^{-15}$

$n^* = 8.88178419700125232338905334716796875 \times 10^{-16}$

$n^* = 4.440892098500626161694526673583984375 \times 10^{-16}$

$n^* = 2.2204460492503130808472633367919921875 \times 10^{-16}$

$n^* = 1.11022302462515654042363166839599609375 \times 10^{-16}$

$n^* = 5.55111512312578270211815833419798046875 \times 10^{-17}$

$n^* = 2.775557561562891351059079167098990234375 \times 10^{-17}$

$n^* = 1.3877787807814456755295395835494951171875 \times 10^{-17}$

$n^* = 6.9388939039072283776476979177474755859375 \times 10^{-18}$

$n^* = 3.46944695195361418882384895887373779296875 \times 10^{-18}$

$n^* = 1.734723475976807094411924479436868896484375 \times 10^{-18}$

$n^* = 8.673617379884035472059622397184344482421875 \times 10^{-19}$

$n^* = 4.3368086899420177360298111985921722412109375 \times 10^{-19}$

$n^* = 2.16840434497100886801490559929608612060546875 \times 10^{-19}$

$n^* = 1.084202172485504434007452799648043060302734375 \times 10^{-19}$

$n^* = 5.421010862427522170037261499240215301513671875 \times 10^{-20}$

$n^* = 2.7105054312137610850186307496201076507568359375 \times 10^{-20}$

$n^* = 1.35525271560688054250931537481005382537841796875 \times 10^{-20}$

$n^* = 6.77626357803440271254657687405026912689208984375 \times 10^{-21}$

$n^* = 3.388131789017201356273288437025134563446044921875 \times 10^{-21}$

$n^* = 1.6940658945086006781366442185125672817230224609375 \times 10^{-21}$

$n^* = 8.4703294725430033906832220925628364086151123046875 \times 10^{-22}$

$n^* = 4.23516473627150169534161104628141820430755615234375 \times 10^{-22}$

$n^* = 2.117582368135750847670805523140709102153778076171875 \times 10^{-22}$

$n^* = 1.0587911840678754238354027615703545610768890380859375 \times 10^{-22}$

$n^* = 5.2939559203393771191770138078517728053844451901796875 \times 10^{-23}$

$n^* = 2.64697796016968855958850690392588640269222259508984375 \times 10^{-23}$

$n^* = 1.323488980084844279794253451962943201346111297544921875 \times 10^{-23}$

$n^* = 6.617444900424221398971267259814716006730556487724609375 \times 10^{-24}$

$n^* = 3.3087224502121106994856336299073580033652782438623046875 \times 10^{-24}$

$n^* = 1.654361225106055349742816814953679001682639121931171875 \times 10^{-24}$

$n^* = 8.271806125530276748714084072476895008413195609655859375 \times 10^{-25}$

$n^* = 4.1359030627651383743570420362384475042065978048279296875 \times 10^{-25}$

$n^* = 2.06795153138256918717852101811922375210329890241396484375 \times 10^{-25}$

$n^* = 1.033975765691284593589260509059611876051649451206982421875 \times 10^{-25}$

$n^* = 5.169878828456422967946302545298059380255824756034912109375 \times 10^{-26}$

$n^* = 2.5849394142282114839731512726490296901279123780174560546875 \times 10^{-26}$

$n^* = 1.29246970711410574198657563632451484506395618900872802734375 \times 10^{-26}$

$n^* = 6.4623485355705287099328778816225742253197809450436441171875 \times 10^{-27}$

$n^* = 3.23117426778526435496643894081128711265989047252182205859375 \times 10^{-27}$

$n^* = 1.615587133892632177483219470405643556329945236260911029296875 \times 10^{-27}$

$n^* = 8.077935669463160887416097352028217781649726181304555146484375 \times 10^{-28}$

$n^* = 4.0389678347315804437080486760141088908248630906522775732421875 \times 10^{-28}$

$n^* = 2.01948391736579022185402433800705444541243154532613878662109375 \times 10^{-28}$

$n^* = 1.00974195868289511092701216900352722270621577266306939331046875 \times 10^{-28}$

$n^* = 5.04870979341447555463506084501763611353107886331534696655234375 \times 10^{-29}$

$n^* = 2.524354896707237777317530422508818156765539431657673483276171875 \times 10^{-29}$

$n^* = 1.2621774483536188886587652112544090783827697158288367416380859375 \times 10^{-29}$

$n^* = 6.310887241768094443293782606272045391913848579144173$

Eingabe: Farbmetrisches Offset-Reflektiv-System ORS18

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

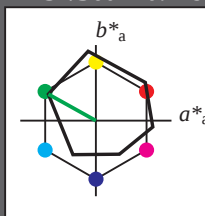
lab^*ch und lab^*nch

A: Buntton L

LCH*Ma: 51 72 151

olv*Ma: 0.0 1.0 0.0

Dreiecks-Helligkeit t^*



%Umfang

$u^*_{rel} = 93$

relative Inform. Technology (IT)

olvi3*	1.0	1.0	1.0	(1.0)
cmyn3*	0.0	0.0	0.0	(0.0)
olvi4*	1.0	1.0	1.0	(1.0)
cmyn4*	0.0	0.0	0.0	(0.0)
LAB*LAB	95.41	-0.98	47.5	
LAB*LABa	95.41	0.0	0.0	
LAB*LABb	99.99	0.01	0.0	

relative CIELAB lab*

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

standard and adapted CIELAB

LAB*LAB	76.06	-0.61	3.44
LAB*LABa	76.06	0.0	0.0
LAB*LABb	75.00	0.01	0.0

relative CIELAB lab*

lab*lab	0.75	0.0	0.0
lab*ch	0.75	0.0	0.0
lab*nch	0.0	0.0	0.0
relative Natural Colour (NC)	0.75	0.0	0.0
lab*tr	0.75	0.0	0.0
lab*ce	0.75	0.0	0.0
lab*nce	0.0	0.0	0.0

standard and adapted CIELAB

LAB*LAB	56.71	-0.24	2.14
LAB*LABa	56.71	0.0	0.0
LAB*LABb	55.00	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)	0.5	0.0	0.0
lab*tr	0.5	0.0	0.0
lab*ce	0.5	0.0	0.0
lab*nce	0.0	0.0	0.0

standard and adapted CIELAB

LAB*LAB	37.36	-0.18	0.63
LAB*LABa	37.36	0.0	0.0
LAB*LABb	35.00	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)	0.25	0.0	0.0
lab*tr	0.25	0.0	0.0
lab*ce	0.25	0.0	0.0
lab*nce	0.0	0.0	0.0

standard and adapted CIELAB

LAB*LAB	18.02	0.03	0.47
LAB*LABa	18.02	0.0	0.0
LAB*LABb	17.00	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)	0.0	0.0	0.0
lab*tr	0.0	0.0	0.0
lab*ce	0.0	0.0	0.0
lab*nce	0.0	0.0	0.0

$n^* = 1.0$

relative Inform. Technology (IT)

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

standard and adapted CIELAB

LAB*LAB	84.28	-16.47	12.74
LAB*LABa	84.28	-15.69	8.74
LAB*LABb	87.5	-17.97	15.91

relative CIELAB lab*

lab*lab	0.856	-0.217	0.121
lab*ch	0.875	0.25	0.419
lab*nch	0.0	0.25	0.419
relative Natural Colour (NC)	0.856	-0.238	0.072
lab*tr	0.875	0.25	0.453
lab*ce	0.875	0.25	0.453
lab*nce	0.0	0.25	0.419

standard and adapted CIELAB

LAB*LAB	64.93	-16.1	11.44
LAB*LABa	64.93	-15.7	8.74
LAB*LABb	62.5	-17.98	15.91

relative CIELAB lab*

lab*lab	0.625	0.25	0.419
lab*ch	0.625	0.25	0.419
lab*nch	0.25	0.25	0.419
relative Natural Colour (NC)	0.606	-0.238	0.072
lab*tr	0.625	0.25	0.453
lab*ce	0.625	0.25	0.453
lab*nce	0.25	0.25	0.419

standard and adapted CIELAB

LAB*LAB	45.58	-15.73	10.13
LAB*LABa	45.58	-15.7	8.74
LAB*LABb	43.75	-17.98	15.91

relative CIELAB lab*

lab*lab	0.356	-0.217	0.121
lab*ch	0.375	0.25	0.419
lab*nch	0.0	0.25	0.419
relative Natural Colour (NC)	0.356	-0.238	0.072
lab*tr	0.375	0.25	0.453
lab*ce	0.375	0.25	0.453
lab*nce	0.0	0.25	0.419

standard and adapted CIELAB

LAB*LAB	34.46	-31.22	18.12
LAB*LABa	34.46	-31.4	17.48
LAB*LABb	25.01	-35.95	15.91

relative CIELAB lab*

lab*lab	0.106	-0.217	0.121
lab*ch	0.125	0.25	0.419
lab*nch	0.0	0.25	0.419
relative Natural Colour (NC)	0.106	-0.238	0.072
lab*tr	0.125	0.25	0.453
lab*ce	0.125	0.25	0.453
lab*nce	0.0	0.25	0.419

standard and adapted CIELAB

LAB*LAB	18.02	0.03	0.47
LAB*LABa	18.02	0.0	0.0
LAB*LABb	17.00	0.01	0.0

$n^* = 0.50$

ORS18; adaptierte CIELAB-Daten

	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	65.39	50.52	82.63	38
Y _{Ma}	90.37	-10.26	91.75	92.32	96
L _{Ma}	50.9	-62.83	34.96	71.91	151
C _{Ma}	58.62	-30.34	-45.01	54.3	236
V _{Ma}	25.72	31.1	-44.4	54.22	305
M _{Ma}	48.13	75.28	-8.36	75.74	354
N _{Ma}	18.01	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
R _{CIE}	39.92	58.66	26.98	64.57	25
J _{CIE}	81.26	-2.16	67.76	67.79	92
G _{CIE}	52.23	-42.25	11.76	43.87	164
B _{CIE}	30.57	1.15	-46.84	46.86	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

standard and adapted CIELAB

LAB*LAB	73.15	-31.96	20.73
LAB*LABa	73.15	-31.4	17.48
LAB*LABb	75.0	-35.95	15.91

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)	0.712	-0.478	0.144
lab*tr	0.75	0.5	0.453
lab*ce	0.75	0.5	0.453
lab*nce	0.0	0.5	0.419

standard and adapted CIELAB

LAB*LAB	62.02	-47.46	28.72
LAB*LABa	62.02	-47.1	26.21
LAB*LABb	62.5	-53.92	15.91

relative CIELAB lab*

lab*lab	0.569	-0.654	0.365
lab*ch	0.625	0.75	0.419
lab*nch	0.0	0.75	0.419
relative Natural Colour (NC)	0.569	-0.717	0.217
lab*tr	0.625	0.75	0.453
lab*ce	0.625	0.75	0.453
lab*nce	0.0	0.75	0.419

standard and adapted CIELAB

LAB*LAB	50.9	-62.95	36.7
LAB*LABa	50.9	-62.81	34.95
LAB*LABb	50.0	-71.89	15.91

relative CIELAB lab*

lab*lab	0.425	-0.873	0.486
lab*ch	0.5	1.0	0.419
lab*nch	0.0	1.0	0.419
relative Natural Colour (NC)	0.425	-0.956	0.289
lab*tr	0.5	1.0	0.453
lab*ce	0.5	1.0	0.453
lab*nce	0.0	1.0	0.419

standard and adapted CIELAB

LAB*LAB	42.68	-47.09	27.41
LAB*LABa	42.68	-47.1	26.21
LAB*LABb	37.51	-53.92	15.91

relative CIELAB lab*

lab*lab	0.319	-0.654	0.365
lab*ch	0.375	0.75	0.419
lab*nch	0.0	0.75	0.419
relative Natural Colour (NC)	0.319	-0.717	0.217
lab*tr	0.375	0.75	0.453
lab*ce	0.375	0.75	0.453
lab*nce	0.0	0.75	0.419

$n^* = 0.25$

relative Inform. Technology (IT)

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

standard and adapted CIELAB

LAB*LAB	62.02	-47.46	28.72
LAB*LABa	62.02	-47.11	26.21
LAB*LABb	62.5	-53.92	15.91

relative CIELAB lab*

lab*lab	0.569	-0.654	0.365
lab*ch	0.625	0.75	0.419
lab*nch	0.0	0.75	0.419
relative Natural Colour (NC)	0.569	-0.717	0.217
lab*tr	0.625	0.75	0.453
lab*ce	0.625	0.75	0.453
lab*nce	0.0	0.75	0.419

standard and adapted CIELAB

LAB*LAB	50.9	-62.95	36.7
LAB*LABa	50.9	-62.81	34.95
LAB*LABb	50.0	-71.89	15.91

relative CIELAB lab*

lab*lab	0.425	-0.873	0.486
lab*ch	0.5	1.0	0.419
lab*nch	0.0	1.0	0.419
relative Natural Colour (NC)	0.425	-0.956	0.289
lab*tr	0.5	1.0	0.453
lab*ce	0.5	1.0	0.453
lab*nce	0.0	1.0	0.419

standard and adapted CIELAB

LAB*LAB	42.68	-47.09	27.41
LAB*LABa	42.68	-47.1	26.21
LAB*LABb	37.51	-53.92	15.91

relative CIELAB lab*

lab*lab	0.319	-0.654	0.365
lab*ch	0.375	0.75	0.419
lab*nch	0.0	0.75	0.419
relative Natural Colour (NC)	0.319	-0.717	0.217
lab*tr	0.375	0.75	0.453
lab*ce	0.375	0.75	0.453
lab*nce	0.0	0.75	0.419

standard and adapted CIELAB

LAB*LAB	42.68	-47.09	27.41
LAB*LABa	42.68	-47.1	26.21
LAB*LABb	37.51	-53.92	15.91

$n^* = 0.00$

Schwarzheit n^*

Ausgabe: Farbmetrisches Fernseh-Licht-System TLS00

für Buntton $h^* = lab^*h = 136/360 = 0.378$

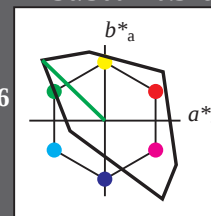
lab^*ch und lab^*nch

A: Buntton L

LCH*Ma: 84 115 136

olv*Ma: 0.0 1.0 0.0

Dreiecks-Helligkeit t^*



%Umfang

$u^*_{rel} = 158$

relative Inform. Technology (IT)				
<i>olvi3*</i>	1.0	1.0	1.0	(1.0)
<i>cmyn3*</i>	0.0	0.0	0.0	(0.0)
<i>olvi4*</i>	1.0	1.0	1.0	1.0
<i>cmyn4*</i>	0.0	0.0	0.0	0.0
standard and adapted CIELAB				
<i>LAB*LAB</i>	95.41	0.0	0.0	
<i>LAB*LABa</i>	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)	1.0	0.0	0.0
lab*tr	1.0	0.0	0.0
lab*ce	1.0	0.0	0.0
lab*nce	0.0	0.0	0.0

standard and adapted CIELAB

LAB*LAB	71.57	0.0	0.0
LAB*LABa	71.57	0.0	0.0
LAB*LABb	75.00	0.01	0.0

LAB*TCHa	75.0	0.01	—
relative CIELAB lab*			
lab*lab	0.75	0.0	0.0
lab*tch	0.75	0.0	—
lab*nch	0.25	0.0	—
relative Natural Colour (NC)			
lab*lrj	0.75	0.0	0.0
lab*tce	0.75	0.0	—
lab*nce	0.25	0.0	—

AM-Ma
nitorsyst
: 4/10, Serie: 1/1

Siehe ähnliche Dateien: <http://www.ps.bam.de/SG50/>
Technische Information: <http://www.ps.bam.de/Vers>

BAM-Registrierung: 20060101-SG50/10S/S50G03FP.PS.PDF BAM-Material: Code=rhaa4a1a
Anwendung für Beurteilung und Messung von Drucker- oder Monitorsystemen
/SG50/ Form: 4/10, Serie: 1/1, Seite: 4 Seitenzählung: 4

AM-Ma
nitorsyst
: 4/10, Serie: 1/1

Eingabe: Farbmetrisches Offset-Reflektiv-System ORS18

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

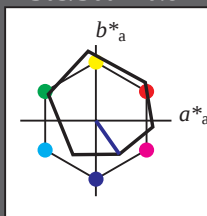
lab^*ch und lab^*nch

A: Buntton V

LCH*Ma: 26 54 305

olv*Ma: 0.0 0.0 1.0

Dreiecks-Helligkeit t^*



%Umfang

$u^*_{rel} = 93$

relative Inform. Technology (IT)

olv3*	1.0	1.0	1.0	(1.0)
olv4*	0.0	0.0	0.0	(0.0)
olv5*	0.0	0.0	0.0	(0.0)
olv6*	0.0	0.0	0.0	(0.0)
olv7*	0.0	0.0	0.0	(0.0)
LAB*LAB	95.41	-0.98	47.5	
LAB*LAB	95.41	0.0	0.0	
LAB*LAB	99.99	0.01	0.0	

relative CIE LAB lab*

lab*lab	1.0	0.0	0.0	
lab*ch	0.0	1.0	0.0	
lab*nch	0.0	0.0	1.0	
standard and adapted CIE LAB				
LAB*LAB	95.41	-0.98	47.5	
LAB*LAB	95.41	0.0	0.0	
LAB*LAB	99.99	0.01	0.0	

relative Natural Colour (NC)

lab*lab	1.0	0.0	0.0	
lab*ch	0.0	1.0	0.0	
lab*nch	0.0	0.0	1.0	
standard and adapted CIE LAB				
LAB*LAB	95.41	-0.98	47.5	
LAB*LAB	95.41	0.0	0.0	
LAB*LAB	99.99	0.01	0.0	

relative CIE LAB lab*

lab*lab	1.0	0.0	0.0	
lab*ch	0.0	1.0	0.0	
lab*nch	0.0	0.0	1.0	
standard and adapted CIE LAB				
LAB*LAB	95.41	-0.98	47.5	
LAB*LAB	95.41	0.0	0.0	
LAB*LAB	99.99	0.01	0.0	

relative Natural Colour (NC)

lab*lab	1.0	0.0	0.0	
lab*ch	0.0	1.0	0.0	
lab*nch	0.0	0.0	1.0	
standard and adapted CIE LAB				
LAB*LAB	95.41	-0.98	47.5	
LAB*LAB	95.41	0.0	0.0	
LAB*LAB	99.99	0.01	0.0	

relative CIE LAB lab*

lab*lab	1.0	0.0	0.0	
lab*ch	0.0	1.0	0.0	
lab*nch	0.0	0.0	1.0	
standard and adapted CIE LAB				
LAB*LAB	95.41	-0.98	47.5	
LAB*LAB	95.41	0.0	0.0	
LAB*LAB	99.99	0.01	0.0	

relative Natural Colour (NC)

lab*lab	1.0	0.0	0.0	
lab*ch	0.0	1.0	0.0	
lab*nch	0.0	0.0	1.0	
standard and adapted CIE LAB				
LAB*LAB	95.41	-0.98	47.5	
LAB*LAB	95.41	0.0	0.0	
LAB*LAB	99.99	0.01	0.0	

relative CIE LAB lab*

lab*lab	1.0	0.0	0.0	
lab*ch	0.0	1.0	0.0	
lab*nch	0.0	0.0	1.0	
standard and adapted CIE LAB				
LAB*LAB	95.41	-0.98	47.5	
LAB*LAB	95.41	0.0	0.0	
LAB*LAB	99.99	0.01	0.0	

relative Natural Colour (NC)

lab*lab	1.0	0.0	0.0	
lab*ch	0.0	1.0	0.0	
lab*nch	0.0	0.0	1.0	
standard and adapted CIE LAB				
LAB*LAB	95.41	-0.98	47.5	
LAB*LAB	95.41	0.0	0.0	
LAB*LAB	99.99	0.01	0.0	

relative CIE LAB lab*

lab*lab	1.0	0.0	0.0	
lab*ch	0.0	1.0	0.0	
lab*nch	0.0	0.0	1.0	
standard and adapted CIE LAB				
LAB*LAB	95.41	-0.98	47.5	
LAB*LAB	95.41	0.0	0.0	
LAB*LAB	99.99	0.01	0.0	

relative Natural Colour (NC)

lab*lab	1.0	0.0	0.0	
lab*ch	0.0	1.0	0.0	
lab*nch	0.0	0.0	1.0	
standard and adapted CIE LAB				
LAB*LAB	95.41	-0.98	47.5	
LAB*LAB	95.41	0.0	0.0	
LAB*LAB	99.99	0.01	0.0	

relative Inform. Technology (IT)

olv3*	0.75	0.75	0.75	(1.0)
olv4*	0.25	0.25	0.25	(0.0)
olv5*	0.0	0.0	0.0	(0.0)
olv6*	0.0	0.0	0.0	(0.0)
olv7*	0.0	0.0	0.0	(0.0)
LAB*LAB	77.99	7.12	-7.51	
LAB*LAB	77.99	7.12	-7.51	
LAB*LAB	77.99	7.12	-7.51	

relative CIE LAB lab*

lab*lab	0.75	0.143	-0.204	
lab*ch	0.875	0.25	0.847	
lab*nch	0.0	0.25	0.847	
standard and adapted CIE LAB				
LAB*LAB	77.99	7.12	-7.51	
LAB*LAB	77.99	7.12	-7.51	
LAB*LAB	77.99	7.12	-7.51	

relative Natural Colour (NC)

lab*lab	0.75	0.143	-0.204	
lab*ch	0.875	0.25	0.847	
lab*nch	0.0	0.25	0.847	
standard and adapted CIE LAB				
LAB*LAB	77.99	7.12	-7.51	
LAB*LAB	77.99	7.12	-7.51	
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relative CIE LAB lab*

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lab*ch	0.875	0.25	0.847	
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LAB*LAB	77.99	7.12	-7.51	
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relative Natural Colour (NC)

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standard and adapted CIE LAB				
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relative CIE LAB lab*

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lab*ch	0.875	0.25	0.847	
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standard and adapted CIE LAB				
LAB*LAB	77.99	7.12	-7.51	
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relative Natural Colour (NC)

lab*lab	0.75	0.143	-0.204	
lab*ch	0.875	0.25	0.847	
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standard and adapted CIE LAB				
LAB*LAB	77.99	7.12	-7.51	
LAB*LAB	77.99	7.12	-7.51	
LAB*LAB	77.99	7.12	-7.51	

relative CIE LAB lab*

lab*lab	0.75	0.143	-0.204	
lab*ch	0.875	0.25	0.847	
lab*nch	0.0	0.25	0.847	
standard and adapted CIE LAB				
LAB*LAB	77.99	7.12	-7.51	
LAB*LAB	77.99	7.12	-7.51	
LAB*LAB	77.99	7.12	-7.51	

relative Natural Colour (NC)

lab*lab	0.75	0.143	-0.204	
lab*ch	0.875	0.25	0.847	
lab*nch	0.0	0.25	0.847	
standard and adapted CIE LAB				
LAB*LAB	77.99	7.12	-7.51	
LAB*LAB	77.99	7.12	-7.51	
LAB*LAB	77.99	7.12	-7.51	

relative CIE LAB lab*

lab*lab	0.75	0.143	-0.204	
lab*ch	0.875	0.25	0.847	
lab*nch	0.0	0.25	0.847	
standard and adapted CIE LAB				
LAB*LAB	77.99	7.12	-7.51	
LAB*LAB	77.99	7.12	-7.51	
LAB*LAB	77.99	7.12	-7.51	

ORS18; adaptierte CIELAB-Daten

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	65.39	50.52	82.63	38
Y _{Ma}	90.37	-10.26	91.75	92.32	96
L _{Ma}	50.9	-62.83	34.96	71.91	151
C _{Ma}	58.62	-30.34	-45.01	54.3	236
V _{Ma}	25.72	31.1	-44.4	54.22	305
M _{Ma}	48.13	75.28	-8.36	75.74	354
N _{Ma}	18.01	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
R _{CIE}	39.92	58.66	26.98	64.57	25
J _{CIE}	81.26	-2.16	67.76	67.79	92
G _{CIE}	52.23	-42.25	11.76	43.87	164
B _{CIE}	30.57	1.15	-46.84	46.86	271

%Regularität

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

$g^*_{C,rel} = 155$

relative Inform. Technology (IT)

olv3*	0.5	0.5	1.0	(1.0)
olv4*	0.5	0.5	1.0	(1.0)
olv5*	0.5	0.5	1.0	(1.0)
olv6*	0.5	0.5	1.0	(1.0)
olv7*	0.5	0.5	1.0	(1.0)
LAB*LAB	60.56	15.23	-19.79	
LAB*LAB	60.56	15.23	-19.79	
LAB*LAB	60.56	15.23	-19.79	

relative CIE LAB lab*

lab*lab	0.5	0.287	-0.408	
lab*ch	0.75	0.5	0.847	
lab*nch	0.0	0.5	0.847	
standard and adapted CIE LAB				
LAB*LAB	60.56	15.23	-19.79	
LAB*LAB	60.56	15.23	-19.79	
LAB*LAB	60.56	15.23	-19.79	

relative Natural Colour (NC)

lab*lab	0.5	0.287	-0.408	
lab*ch	0.75	0.5	0.847	
lab*nch	0.0	0.5	0.847	
standard and adapted CIE LAB				
LAB*LAB	60.56	15.23	-19.79	
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LAB*LAB	60.56	15.23	-19.79	

relative CIE LAB lab*

lab*lab	0.5	0.287	-0.408	
lab*ch	0.75	0.5	0.847	
lab*nch	0.0	0.5	0.847	
standard and adapted CIE LAB				
LAB*LAB	60.56	15.23	-19.79	
LAB*LAB	60.56	15.23	-19.79	
LAB*LAB	60.56	15.23	-19.79	

relative Natural Colour (NC)

lab*lab	0.5	0.287	-0.408	
lab*ch	0.75	0.5	0.847	
lab*nch	0.0	0.5	0.847	
standard and adapted CIE LAB				
LAB*LAB	60.56	15.23	-19.79	
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relative CIE LAB lab*

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lab*ch	0.75	0.5	0.847	
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standard and adapted CIE LAB				
LAB*LAB	60.56	15.23	-19.79	
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relative Natural Colour (NC)

lab*lab	0.5	0.287	-0.408	
lab*ch	0.75	0.5	0.847	
lab*nch	0.0	0.5	0.847	
standard and adapted CIE LAB				
LAB*LAB	60.56	15.23	-19.79	
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LAB*LAB	60.56	15.23	-19.79	

relative CIE LAB lab*

lab*lab	0.5	0.287	-0.408	
lab*ch	0.75	0.5	0.847	
lab*nch	0.0	0.5	0.847	
standard and adapted CIE LAB				
LAB*LAB	60.56	15.23	-19.79	
LAB*LAB	60.56	15.23	-19.79	
LAB*LAB	60.56	15.23	-19.79	

relative Natural Colour (NC)

lab*lab	0.5	0.287	-0.408	
lab*ch	0.75	0.5	0.847	
lab*nch	0.0	0.5	0.847	
standard and adapted CIE LAB				
LAB*LAB	60.56	15.23	-19.79	
LAB*LAB	60.56	15.23	-19.79	
LAB*LAB	60.56	15.23	-19.79	

relative Inform. Technology (IT)

olv3*	0.0	0.0	1.0	(1.0)
olv4*	0.0	0.0	1.0	(1.0)
olv5*	0.0	0.0	1.0	(1.0)
olv6*	0.0	0.0	1.0	(1.0)
olv7*	0.0	0.0	1.0	(1.0)
LAB*LAB	43.14	23.34	-32.07	
LAB*LAB	43.14	23.34	-32.07	
LAB*LAB	43.14	23.34	-32.07	

relative CIE LAB lab*

lab*lab	0.32	0.43	-0.
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Eingabe: Farbmetrisches Offset-Reflektiv-System ORS18

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

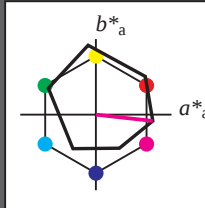
lab^*ch und lab^*nch

A: Buntton M

LCH*Ma: 48 76 354

olv*Ma: 1.0 0.0 1.0

Dreiecks-Helligkeit t^*



%Umfang

$u^*_{rel} = 93$

relative Inform. Technology (IT)

olv3*	1.0	1.0	1.0	(1.0)
olv3*	0.0	0.0	0.0	(0.0)
olv4*	1.0	1.0	1.0	(1.0)
olv4*	0.0	0.0	0.0	(0.0)
olv4*	0.0	0.0	0.0	(0.0)
olv4*	0.0	0.0	0.0	(0.0)
standard and adapted CIELAB				
LAB*LAB	59.41	-0.98	47.5	
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*lab	1.0	0.0	0.0	
lab*lab	1.0	0.0	0.0	
lab*lab	1.0	0.0	0.0	
relative Natural Colour (NC)				
lab*lab	1.0	0.0	0.0	
lab*lab	1.0	0.0	0.0	
lab*lab	1.0	0.0	0.0	
lab*lab	1.0	0.0	0.0	

relative Inform. Technology (IT)

olv3*	0.75	0.75	0.75	(1.0)
olv3*	0.0	0.0	0.0	(0.0)
olv4*	1.0	1.0	1.0	(1.0)
olv4*	0.0	0.0	0.0	(0.0)
olv4*	0.0	0.0	0.0	(0.0)
olv4*	0.0	0.0	0.0	(0.0)
standard and adapted CIELAB				
LAB*LAB	76.06	-0.61	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*lab	0.75	0.0	0.0	
lab*lab	0.75	0.0	0.0	
lab*lab	0.75	0.0	0.0	
relative Natural Colour (NC)				
lab*lab	0.75	0.0	0.0	
lab*lab	0.75	0.0	0.0	
lab*lab	0.75	0.0	0.0	
lab*lab	0.75	0.0	0.0	

relative Inform. Technology (IT)

olv3*	0.5	0.5	0.5	(0.0)
olv3*	0.0	0.0	0.0	(0.0)
olv4*	1.0	1.0	1.0	(1.0)
olv4*	0.0	0.0	0.0	(0.0)
olv4*	0.0	0.0	0.0	(0.0)
olv4*	0.0	0.0	0.0	(0.0)
standard and adapted CIELAB				
LAB*LAB	56.71	-0.24	2.14	
LAB*LAB	56.71	0.0	0.0	
LAB*LAB	55.00	0.01	0.0	
relative CIELAB lab*				
lab*lab	0.5	0.0	0.0	
lab*lab	0.5	0.0	0.0	
lab*lab	0.5	0.0	0.0	
lab*lab	0.5	0.0	0.0	
relative Natural Colour (NC)				
lab*lab	0.5	0.0	0.0	
lab*lab	0.5	0.0	0.0	
lab*lab	0.5	0.0	0.0	
lab*lab	0.5	0.0	0.0	

relative Inform. Technology (IT)

olv3*	0.25	0.25	0.25	(1.0)
olv3*	0.0	0.0	0.0	(0.0)
olv4*	1.0	1.0	1.0	(1.0)
olv4*	0.0	0.0	0.0	(0.0)
olv4*	0.0	0.0	0.0	(0.0)
olv4*	0.0	0.0	0.0	(0.0)
standard and adapted CIELAB				
LAB*LAB	37.36	-0.03	0.63	
LAB*LAB	37.36	0.0	0.0	
LAB*LAB	35.00	0.01	0.0	
relative CIELAB lab*				
lab*lab	0.25	0.0	0.0	
lab*lab	0.25	0.0	0.0	
lab*lab	0.25	0.0	0.0	
lab*lab	0.25	0.0	0.0	
relative Natural Colour (NC)				
lab*lab	0.25	0.0	0.0	
lab*lab	0.25	0.0	0.0	
lab*lab	0.25	0.0	0.0	
lab*lab	0.25	0.0	0.0	

relative Inform. Technology (IT)

olv3*	0.0	0.0	0.0	(1.0)
olv3*	0.0	0.0	0.0	(0.0)
olv4*	1.0	1.0	1.0	(1.0)
olv4*	0.0	0.0	0.0	(0.0)
olv4*	0.0	0.0	0.0	(0.0)
olv4*	0.0	0.0	0.0	(0.0)
standard and adapted CIELAB				
LAB*LAB	18.02	0.03	0.47	
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*lab	0.0	0.0	0.0	
lab*lab	0.0	0.0	0.0	
lab*lab	0.0	0.0	0.0	
relative Natural Colour (NC)				
lab*lab	0.0	0.0	0.0	
lab*lab	0.0	0.0	0.0	
lab*lab	0.0	0.0	0.0	
lab*lab	0.0	0.0	0.0	

relative Inform. Technology (IT)

olv3*	0.0	0.0	0.0	(1.0)
olv3*	0.0	0.0	0.0	(0.0)
olv4*	1.0	1.0	1.0	(1.0)
olv4*	0.0	0.0	0.0	(0.0)
olv4*	0.0	0.0	0.0	(0.0)
olv4*	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	0.0	0.0	0.0	
relative CIELAB lab*				
lab*lab	0.0	0.0	0.0	
lab*lab	0.0	0.0	0.0	
lab*lab	0.0	0.0	0.0	
lab*lab	0.0	0.0	0.0	
relative Natural Colour (NC)				
lab*lab	0.0	0.0	0.0	
lab*lab	0.0	0.0	0.0	
lab*lab	0.0	0.0	0.0	
lab*lab	0.0	0.0	0.0	

$n^* = 1.0$

ORS18; adaptierte CIELAB-Daten

	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	65.39	50.52	82.63	38
Y _{Ma}	90.37	-10.26	91.75	92.32	96
L _{Ma}	50.9	-62.83	34.96	71.91	151
C _{Ma}	58.62	-30.34	-45.01	54.3	236
V _{Ma}	25.72	31.1	-44.4	54.22	305
M _{Ma}	48.13	75.28	-8.36	75.74	354
N _{Ma}	18.01	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
R _{CIE}	39.92	58.66	26.98	64.57	25
J _{CIE}	81.26	-2.16	67.76	67.79	92
G _{CIE}	52.23	-42.25	11.76	43.87	164
B _{CIE}	30.57	1.15	-46.84	46.86	271

%Regularität

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

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

relative Inform. Technology (IT)

olv3*	1.0	0.5	1.0	(1.0)
olv3*	0.0	0.5	0.0	(0.0)
olv4*	1.0	0.5	1.0	(1.0)
olv4*	0.0	0.5	0.0	(0.0)
olv4*	0.0	0.5	0.0	(0.0)
olv4*	0.0	0.5	0.0	(0.0)
standard and adapted CIELAB				
LAB*LAB	71.77	37.1	-1.01	
LAB*LAB	71.77	37.63	-4.17	
LAB*LAB	75.0	37.86	353.66	
relative CIELAB lab*				
lab*lab	0.695	0.497	-0.054	
lab*lab	0.75	0.5	0.982	
lab*lab	0.0	0.5	0.982	
relative Natural Colour (NC)				
lab*lab	0.695	0.454	-0.208	
lab*lab	0.75	0.5	0.932	
lab*lab	0.0	0.5	0.724	

relative Inform. Technology (IT)

olv3*	0.75	0.25	0.75	(1.0)
olv3*	0.0	0.25	0.0	(0.0)
olv4*	1.0	0.5	1.0	(1.0)
olv4*	0.0	0.5	0.0	(0.0)
olv4*	0.0	0.5	0.0	(0.0)
olv4*	0.0	0.5	0.0	(0.0)
standard and adapted CIELAB				
LAB*LAB	52.42	37.48	-2.32	
LAB*LAB	52.42	37.64	-4.17	
LAB*LAB	50.0	37.86	353.66	
relative CIELAB lab*				
lab*lab	0.542	0.745	-0.082	
lab*lab	0.625	0.75	0.982	
lab*lab	0.0	0.75	0.982	
relative Natural Colour (NC)				
lab*lab	0.542	0.682	-0.312	
lab*lab	0.625	0.75	0.932	
lab*lab	0.0	0.75	0.724	

relative Inform. Technology (IT)

olv3*	0.5	0.0	0.5	(1.0)
olv3*	0.0	0.5	0.0	(0.0)
olv4*	1.0	0.5	1.0	(1.0)
olv4*	0.0	0.5	0.0	(0.0)
olv4*	0.0	0.5	0.0	(0.0)
olv4*	0.0	0.5	0.0	(0.0)
standard and adapted CIELAB				
LAB*LAB	33.07	37.84	-4.17	
LAB*LAB	33.07	37.63	-4.17	
LAB*LAB	25.01	37.86	353.66	
relative CIELAB lab*				
lab*lab	0.347	0.248	-0.027	
lab*lab	0.375	0.25	0.982	
lab*lab	0.0	0.25	0.982	
relative Natural Colour (NC)				
lab*lab	0.347	0.227	-0.103	
lab*lab	0.375	0.25	0.932	
lab*lab	0.0	0.25	0.724	

relative Inform. Technology (IT)

olv3*	0.25	0.0	0.25	(1.0)
olv3*	0.0	0.25	0.0	(0.0)
olv4*	1.0	0.5	1.0	(1.0)
olv4*	0.0	0.5	0.0	(0.0)
olv4*	0.0	0.5	0.0	(0.0)
olv4*	0.0	0.5	0.0	(0.0)
standard and adapted CIELAB				
LAB*LAB	25.54	19.17	2.04	
LAB*LAB	25.54	18.81	-2.08	
LAB*LAB	12.5	18.93	353.66	
relative CIELAB lab*				
lab*lab	0.097	0.248	-0.027	
lab*lab	0.125	0.25	0.982	
lab*lab	0.0	0.25	0.982	
relative Natural Colour (NC)				
lab*lab	0.125	0.24	0.932	
lab*lab	0.125	0.25	0.932	
lab*lab	0.0	0.25	0.724	

$n^* = 0.50$

relative Inform. Technology (IT)

olv3*	1.0	0.25	1.0	(1.0)
olv3*	0.0	0.25	0.0	(0.0)
olv4*	1.0	0.25	1.0	(1.0)
olv4*	0.0	0.25	0.0	(0.0)
olv4*	0.0	0.25	0.0	(0.0)
olv4*	0.0	0.25	0.0	(0.0)
standard and adapted CIELAB				
LAB*LAB	59.95	56.15	-3.9	
LAB*LAB	59.95	56.45	-6.26	
LAB*LAB	62.5	56.8	353.66	
relative CIELAB lab*				
lab*lab	0.542	0.745	-0.082	
lab*lab	0.625	0.75	0.982	
lab*lab	0.0	0.75	0.982	
relative Natural Colour (NC)				
lab*lab	0.542	0.682	-0.312	
lab*lab	0.625	0.75	0.932	
lab*lab	0.0	0.75	0.724	

relative Inform. Technology (IT)

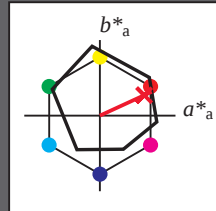
olv3*	0.75	0.0	0.75	(1.0)
olv3*	0.0	0.75	0.0	(0.0)
olv4*	1.0	0.5	1.0	(1.0)
olv4*	0.0	0.5	0.0	(0.0)
olv4*	0.0	0.5	0.0	(0.0)
olv4*	0.0	0.5	0.0	(0.0)
standard and adapted CIELAB				
LAB*LAB	48.13	75.18	-6.79	
LAB*LAB	48.13	75.28	-8.35	
LAB*LAB	50.0	75.73	353.66	
relative CIELAB lab*				
lab*lab	0.389	0.994	-0.109	
lab*lab	0.5	1.0	0.982	
lab*lab	0.0	1.0	0.982	
relative Natural Colour (NC)				
lab*lab	0.389	0.909	-0.416	
lab*lab	0.5	1.0	0.932	
lab*lab	0.0	1.0	0.724	

$$n^* = 0,25$$

Eingabe: Farbmetrisches Offset-Reflektiv-System ORS18 für Buntton $h^* = lab^*h = 25/360 = 0.069$ lab^*ch und lab^*nch

A: Buntton R
LCH*Ma: 48 75 25
olv*Ma: 1.0 0.0 0.32

Dreiecks-Helligkeit t^*



%Umfang

$u^*_{rel} = 93$

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 -0.98 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 0.0
relative Natural Colour (NC)
lab*trj 1.0 0.0 0.0
lab*tc 1.0 0.0 0.0
lab*ncc 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)
standard and adapted CIELAB
LAB*LAB 76.06 -0.61 3.44
LAB*Lab 76.06 0.0 0.0
LAB*TCa 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*trj 0.75 0.0 0.0
lab*tc 0.75 0.0 0.0
lab*ncc 0.0 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 56.71 -0.24 2.14
LAB*Lab 56.71 0.0 0.0
LAB*TCa 50.00 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 0.0
relative Natural Colour (NC)
lab*trj 0.5 0.0 0.0
lab*tc 0.5 0.0 0.0
lab*ncc 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 (0.25)
cmyn4* 0.0 0.0 0.0 (0.25)
standard and adapted CIELAB
LAB*LAB 37.36 -0.16 0.63
LAB*Lab 37.36 0.0 0.0
LAB*TCa 25.00 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*trj 0.25 0.0 0.0
lab*tc 0.25 0.0 0.0
lab*ncc 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 (0.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 18.02 0.03 0.47
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*tc 0.0 0.0 0.0
lab*ncc 1.0 0.0 0.0

$n^* = 1.0$

ORS18; adaptierte CIELAB-Daten					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	65.39	50.52	82.63	38
Y _{Ma}	90.37	-10.26	91.75	92.32	96
L _{Ma}	50.9	-62.83	34.96	71.91	151
C _{Ma}	58.62	-30.34	-45.01	54.3	236
V _{Ma}	25.72	31.1	-44.4	54.22	305
M _{Ma}	48.13	75.28	-8.36	75.74	354
N _{Ma}	18.01	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
R _{CIE}	39.92	58.66	26.98	64.57	25
J _{CIE}	81.26	-2.16	67.76	67.79	92
G _{CIE}	52.23	-42.25	11.76	43.87	164
B _{CIE}	30.57	1.15	-46.84	46.86	271

%Regularität

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

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

%Umfang

$u^*_{rel} = 93$

relative Inform. Technology (IT)
olv3* 1.0 0.5 0.661 (1.0)
cmyn3* 0.0 0.5 0.339 (0.0)
olv4* 1.0 0.5 0.661 (1.0)
cmyn4* 0.0 0.5 0.339 (0.0)
standard and adapted CIELAB
LAB*LAB 71.7 33.75 18.92
LAB*Lab 71.7 34.28 15.76
LAB*TCa 75.0 37.73 24.7

relative CIELAB lab*
lab*lab 0.694 0.54 0.209
lab*ch 0.75 0.5 0.069
lab*nch 0.0 0.5 0.069
relative Natural Colour (NC)
lab*trj 0.694 0.5 0.0
lab*tc 0.75 0.5 0.0
lab*ncc 0.0 0.5 0.069

relative Inform. Technology (IT)
olv3* 0.75 0.0 0.242 (1.0)
cmyn3* 0.25 0.75 0.589 (0.0)
olv4* 1.0 0.5 0.661 (0.75)
cmyn4* 0.0 0.5 0.339 (0.25)
standard and adapted CIELAB
LAB*LAB 52.36 34.13 17.62
LAB*Lab 52.36 34.29 15.77
LAB*TCa 50.0 37.74 24.7

relative CIELAB lab*
lab*lab 0.541 0.681 0.313
lab*ch 0.625 0.75 0.069
lab*nch 0.0 0.75 0.069
relative Natural Colour (NC)
lab*trj 0.541 0.75 0.0
lab*tc 0.625 0.75 0.0
lab*ncc 0.0 0.75 0.069

relative Inform. Technology (IT)
olv3* 0.5 0.0 0.161 (1.0)
cmyn3* 0.5 0.0 0.839 (0.0)
olv4* 1.0 0.0 0.661 (0.5)
cmyn4* 0.5 0.0 0.339 (0.5)
standard and adapted CIELAB
LAB*LAB 33.01 34.28 15.77
LAB*Lab 33.01 34.28 15.77
LAB*TCa 25.01 37.73 24.7

relative CIELAB lab*
lab*lab 0.194 0.454 0.209
lab*ch 0.25 0.5 0.069
lab*nch 0.0 0.5 0.069
relative Natural Colour (NC)
lab*trj 0.194 0.5 0.0
lab*tc 0.25 0.5 0.0
lab*ncc 0.0 0.5 0.069

$n^* = 0.50$

relative Inform. Technology (IT)
olv3* 0.25 0.0 0.081 (1.0)
cmyn3* 0.75 1.0 0.919 (0.0)
olv4* 1.0 0.0 0.661 (0.25)
cmyn4* 0.0 0.25 0.169 (0.75)
standard and adapted CIELAB
LAB*LAB 25.31 17.49 7.92
LAB*Lab 25.31 17.49 7.92
LAB*TCa 12.5 18.86 24.71

relative CIELAB lab*
lab*lab 0.097 0.227 0.104
lab*ch 0.125 0.25 0.069
lab*nch 0.0 0.25 0.069
relative Natural Colour (NC)
lab*trj 0.097 0.25 0.0
lab*tc 0.125 0.25 0.0
lab*ncc 0.0 0.25 0.069

$n^* = 0.00$

$n^* = 0.25$

$n^* = 0.50$

$n^* = 0.75$

$n^* = 1.00$

$n^* = 1.00$

$n^* = 1.00$

$n^* = 1.00$

$n^* = 1.00$

$n^* = 1.00$

$n^* = 1.00$

$n^* = 1.00$

$n^* = 1.00$

$n^* = 1.00$

$n^* = 1.00$

$n^* = 1.00$

$n^* = 1.00$

$n^* = 1.00$

$n^* = 1.00$

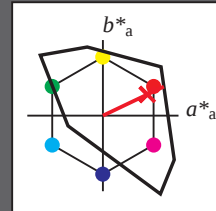
$n^* = 1.00$

$n^* = 1.00$

Ausgabe: Farbmetrisches Fernseh-Licht-System TLS00 für Buntton $h^* = lab^*h = 25/360 = 0.071$ lab^*ch und lab^*nch

A: Buntton R
LCH*Ma: 52 89 25
olv*Ma: 1.0 0.0 0.21

Dreiecks-Helligkeit t^*



%Umfang

$u^*_{rel} = 158$

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*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 0.0
relative Natural Colour (NC)
lab*trj 1.0 0.0 0.0
lab*tc 1.0 0.0 0.0
lab*ncc 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)
standard and adapted CIELAB
LAB*LAB 71.57 0.0 0.0
LAB*Lab 71.57 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 0.0
relative Natural Colour (NC)
lab*trj 0.75 0.0 0.0
lab*tc 0.75 0.0 0.0
lab*ncc 0.0 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 59.85 51.12 26.01
LAB*Lab 59.85 51.12 26.01
LAB*TCa 62.5 56.6 24.7

relative CIELAB lab*
lab*lab 0.625 0.75 0.069
lab*ch 0.75 0.5 0.069
lab*nch 0.0 0.75 0.069
relative Natural Colour (NC)
lab*trj 0.625 0.75 0.0
lab*tc 0.75 0.5 0.0
lab*ncc 0.0 0.75 0.069

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 (0.25)
cmyn4* 0.0 0.0 0.0 (0.25)
standard and adapted CIELAB
LAB*LAB 37.36 -0.16 0.63
LAB*Lab 37.36 0.0 0.0
LAB*TCa 25.00 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*trj 0.25 0.0 0.0
lab*tc 0.25 0.0 0.0
lab*ncc 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 (0.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 18.02 0.03 0.47
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*tc 0.0 0.0 0.0
lab*ncc 1.0 0.0 0.0

$n^* = 1.0$

%Regularität

$g^*_{H,rel} = 20$

$g^*_{C,rel} = 37$

%Umfang

$u^*_{rel} = 158$

relative Inform. Technology (IT)
olv3* 1.0 0.75 0.803 (1.0)
cmyn3* 0.0 0.25 0.197 (0.0)
olv4* 1.0 0.75 0.803 (1.0)
cmyn4* 0.0 0.25 0.197 (0.0)
standard and adapted CIELAB
LAB*LAB 84.54 20.15 9.6
LAB*Lab 84.54 20.15 9.6
LAB*TCa 87.5 25.2 25.47

relative CIELAB lab*
lab*lab 0.886 0.226 0.107
lab*ch 0.875 0.25 0.071
lab*nch 0.0 0.25 0.071
relative Natural Colour (NC)
lab*trj 0.886 0.25 0.0
lab*tc 0.875 0.25 0.0
lab*ncc 0.0 0.25 0.071

relative Inform. Technology (IT)
olv3* 0.75 0.5 0.523 (1.0)
cmyn3* 0.25 0.5 0.477 (0.0)
olv4* 1.0 0.75 0.803 (0.75)
cmyn4* 0.0 0.25 0.197 (0.25)
standard and adapted CIELAB
LAB*LAB 60.69 20.16 9.6
LAB*Lab 60.69 20.16 9.6
LAB*TCa 62.5 22.33 25.48

relative CIELAB lab*
lab*lab 0.636 0.226 0.108
lab*ch 0.625 0.25 0.071
lab*nch 0.0 0.25 0.071
relative Natural Colour (NC)
lab*trj 0.636 0.25 0.0
lab*tc 0.625 0.25 0.0
lab*ncc 0.0 0.25 0.071

relative Inform. Technology (IT)
olv3* 0.5 0.25 0.305 (1.0)
cmyn3* 0.5 0.25 0.695 (0.0)
olv4* 1.0 0.75 0.803 (0.5)
cmyn4* 0.0 0.25 0.197 (0.5)
standard and adapted CIELAB
LAB*LAB 36.84 20.16 9.6
LAB*Lab 36.84 20.16 9.6
LAB*TCa 37.5 22.33 25.48

relative CIELAB lab*
lab*lab 0.386 0.226 0.108
lab*ch 0.375 0.25 0.071
lab*nch 0.0 0.25 0.071
relative Natural Colour (NC)
lab*trj 0.386 0.25 0.0
lab*tc 0.375 0.25 0.0
lab*ncc 0.0 0.25 0.071

relative Inform. Technology (IT)
olv3* 0.25 0.0 0.053 (1.0)
cmyn3* 0.75 1.0 0.947 (0.0)
olv4* 1.0 0.0 0.661 (0.25)
cmyn4* 0.0 0.25 0.169 (0.75)
standard and adapted CIELAB
LAB*LAB 25.31 17.49 7.92
LAB*Lab 25.31 17.49 7.92
LAB*TCa 12.5 18.86 24.71

relative CIELAB lab*
lab*lab 0.097 0.227 0.104
lab*ch 0.125 0.25 0.069
lab*nch 0.0 0.25 0.069
relative Natural Colour (NC)
lab*trj 0.097 0.25 0.0
lab*tc 0.125 0.25 0.0
lab*ncc 0.0 0.25 0.069

%Regularität

$g^*_{H,rel} = 20$

$g^*_{C,rel} = 37$

%Umfang

$u^*_{rel} = 158$

relative Inform. Technology (IT)
olv3* 1.0 0.75 0.803 (1.0)
cmyn3* 0.0 0.25 0.197 (0.0)
olv4* 1.0 0.75 0.803 (1.0)
cmyn4* 0.0 0.25 0.197 (0.0)
standard and adapted CIELAB
LAB*LAB 84.54 20.15 9.6
LAB*Lab 84.54 20.15 9.6
LAB*TCa 87.5 25.2 25.47

relative CIELAB lab*
lab*lab 0.886 0.226 0.107
lab*ch 0.875 0.25 0.071
lab*nch 0.0 0.25 0.071
relative Natural Colour (NC)
lab*trj 0.886 0.25 0.0
lab*tc 0.875 0.25 0.0
lab*ncc 0.0 0.25 0.071

relative Inform. Technology (IT)
olv3* 0.75 0.5 0.523 (1.0)
cmyn3* 0.25 0.5 0.477 (0.0)
olv4* 1.0 0.75 0.803 (0.75)
cmyn4* 0.0 0.25 0.197 (0.25)
standard and adapted CIELAB
LAB*LAB 60.69 20.16 9.6
LAB*Lab 60.69 20.16 9.6
LAB*TCa 62.5 22.33 25.48

relative CIELAB lab*
lab*lab 0.636 0.226 0.108
lab*ch 0.625 0.25 0.071
lab*nch 0.0 0.25 0.071
relative Natural Colour (NC)
lab*trj 0.636 0.25 0.0
lab*tc 0.625 0.25 0.0
lab*ncc 0.0 0.25 0.071

relative Inform. Technology (IT)
olv3* 0.5 0.25 0.305 (1.0)
cmyn3* 0.5 0.25 0.695 (0.0)
olv4* 1.0 0.75 0.803 (0.5)
cmyn4* 0.0 0.25 0.197 (0.5)
standard and adapted CIELAB
LAB*LAB 36.84 20.16 9.6
LAB*Lab 36.84 20.16 9.6
LAB*TCa 37.5 22.33 25.48

relative CIELAB lab*
lab*lab 0.386 0.226 0.108
lab*ch 0.375 0.25 0.071
lab*nch 0.0 0.25 0.071
relative Natural Colour (NC)
lab*trj 0.386 0.25 0.0
lab*tc 0.375 0.25 0.0
lab*ncc 0.0 0.25 0.071

relative Inform. Technology (IT)
olv3* 0.25 0.0 0.053 (1.0)
cmyn3* 0.75 1.0 0.947 (0.0)
olv4* 1.0 0.0 0.661 (0.25)
cmyn4* 0.0 0.25 0.169 (0.75)
standard and adapted CIELAB
LAB*LAB 25.31 17.49 7.92
LAB*Lab 25.31 17.49 7.92
LAB*TCa 12.5 18.86 24.71

relative CIELAB lab*
lab*lab 0.097 0.227 0.104
lab*ch 0.125 0.25 0.069
lab*nch 0.0 0.25 0.069
relative Natural Colour (NC)
lab*trj 0.097 0.25 0.0
lab*tc 0.125 0.25 0.0
lab*ncc 0.0 0.25 0.069

%Regularität

$g^*_{H,rel} = 20$

$g^*_{C,rel} = 37$

%Umfang

$u^*_{rel} = 158$

relative Inform. Technology (IT)
olv3* 1.0 0.75 0.803 (1.0)
cmyn3* 0.0 0.25 0.197 (0.0)
olv4* 1.0 0.75 0.803 (1.0)
cmyn4* 0.0 0.25 0.197 (0.0)
standard and adapted CIELAB
LAB*LAB 84.54 20.15 9.6
LAB*Lab 84.54 20.15 9.6
LAB*TCa 87.5 25.2 25.47

relative CIELAB lab*
lab*lab 0.886 0.226 0.107
lab*ch 0.875 0.25 0.0

Eingabe: Farbmetrisches Offset-Reflektiv-System ORS18

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

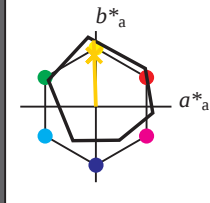
lab^*ch und lab^*nch

A: Buntton J

LCH*Ma: 86 88 92

olv*Ma: 1.0 0.9 0.0

Dreiecks-Helligkeit t^*



%Umfang

$u^*_{rel} = 93$

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 -0.98 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*ch 1.0 0.0 0.0
lab*nch 0.0 0.0 0.0
lab*tr 0.0 0.0 0.0
lab*trc 0.0 0.0 0.0
lab*trnc 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)
standard and adapted CIELAB
LAB*LAB 76.06 -0.61 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*ch 0.75 0.0 0.0
lab*nch 0.0 0.0 0.0
lab*tr 0.75 0.0 0.0
lab*trc 0.75 0.0 0.0
lab*trnc 0.75 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 56.71 -0.24 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*ch 0.5 0.0 0.0
lab*nch 0.0 0.0 0.0
lab*tr 0.5 0.0 0.0
lab*trc 0.5 0.0 0.0
lab*trnc 0.5 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 37.36 -0.38 0.63
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*ch 0.25 0.0 0.0
lab*nch 0.0 0.0 0.0
lab*tr 0.25 0.0 0.0
lab*trc 0.25 0.0 0.0
lab*trnc 0.25 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 18.02 0.0 0.0
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 0.0 0.0 0.0
relative Natural Colour (NC)
lab*ch 0.0 0.0 0.0
lab*nch 0.0 0.0 0.0
lab*tr 0.0 0.0 0.0
lab*trc 0.0 0.0 0.0
lab*trnc 0.0 0.0 0.0

$n^* = 1.0$

ORS18; adaptierte CIELAB-Daten

	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	65.39	50.52	82.63	38
Y _{Ma}	90.37	-10.26	91.75	92.32	96
L _{Ma}	50.9	-62.83	34.96	71.91	151
C _{Ma}	58.62	-30.34	-45.01	54.3	236
V _{Ma}	25.72	31.1	-44.4	54.22	305
M _{Ma}	48.13	75.28	-8.36	75.74	354
N _{Ma}	18.01	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
R _{CIE}	39.92	58.66	26.98	64.57	25
J _{CIE}	81.26	-2.16	67.76	67.79	92
G _{CIE}	52.23	-42.25	11.76	43.87	164
B _{CIE}	30.57	1.15	-46.84	46.86	271

%Regularität

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

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

relative Inform. Technology (IT)
olv3* 1.0 0.951 0.5 (1.0)
cmyn3* 0.0 0.049 0.5 (0.0)
olv4* 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*LABa 90.8 -1.4 43.84
LAB*LABb 90.8 -1.4 43.84
LAB*LABc 90.8 -1.4 43.84

relative CIELAB lab*
lab*lab 0.94 -0.015 0.5
lab*ch 0.75 0.5 0.255
lab*nch 0.0 0.5 0.255
relative Natural Colour (NC)
lab*ch 0.75 0.5 0.255
lab*nch 0.0 0.5 0.255
lab*tr 0.94 0.0 0.5
lab*trc 0.75 0.5 0.255
lab*trnc 0.75 0.5 0.255

relative Inform. Technology (IT)
olv3* 0.75 0.701 0.25 (1.0)
cmyn3* 0.25 0.299 0.75 (0.0)
olv4* 1.0 0.951 0.5 (1.0)
cmyn4* 0.0 0.049 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 71.45 -1.92 46.98
LAB*LABa 71.45 -1.4 43.84
LAB*LABb 71.45 -1.4 43.84
LAB*LABc 71.45 -1.4 43.84

relative CIELAB lab*
lab*lab 0.91 -0.023 0.75
lab*ch 0.625 0.75 0.255
lab*nch 0.0 0.75 0.255
relative Natural Colour (NC)
lab*ch 0.625 0.75 0.255
lab*nch 0.0 0.75 0.255
lab*tr 0.91 0.0 0.75
lab*trc 0.625 0.75 0.255
lab*trnc 0.625 0.75 0.255

relative Inform. Technology (IT)
olv3* 0.5 0.451 0.0 (1.0)
cmyn3* 0.5 0.549 1.0 (0.0)
olv4* 1.0 0.951 0.5 (1.0)
cmyn4* 0.0 0.049 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 52.1 -1.39 43.84
LAB*LABa 52.1 -1.39 43.84
LAB*LABb 52.1 -1.39 43.84
LAB*LABc 52.1 -1.39 43.84

relative CIELAB lab*
lab*lab 0.44 -0.015 0.5
lab*ch 0.25 0.5 0.255
lab*nch 0.0 0.5 0.255
relative Natural Colour (NC)
lab*ch 0.25 0.5 0.255
lab*nch 0.0 0.5 0.255
lab*tr 0.44 0.0 0.5
lab*trc 0.25 0.5 0.255
lab*trnc 0.25 0.5 0.255

$n^* = 0.50$

relative Inform. Technology (IT)
olv3* 1.0 0.926 0.25 (1.0)
cmyn3* 0.0 0.074 0.75 (0.0)
olv4* 1.0 0.926 0.25 (1.0)
cmyn4* 0.0 0.074 0.75 (0.0)
standard and adapted CIELAB
LAB*LAB 88.49 -2.96 70.05
LAB*LABa 88.49 -2.1 65.76
LAB*LABb 88.49 -2.1 65.76
LAB*LABc 88.49 -2.1 65.76

relative CIELAB lab*
lab*lab 0.91 0.0 0.75
lab*ch 0.625 0.75 0.255
lab*nch 0.0 0.75 0.255
relative Natural Colour (NC)
lab*ch 0.625 0.75 0.255
lab*nch 0.0 0.75 0.255
lab*tr 0.91 0.0 0.75
lab*trc 0.625 0.75 0.255
lab*trnc 0.625 0.75 0.255

relative Inform. Technology (IT)
olv3* 0.75 0.676 0.0 (1.0)
cmyn3* 0.25 0.324 1.0 (0.0)
olv4* 1.0 0.926 0.25 (1.0)
cmyn4* 0.0 0.074 0.75 (0.0)
standard and adapted CIELAB
LAB*LAB 69.14 -2.58 68.74
LAB*LABa 69.14 -2.1 65.76
LAB*LABb 69.14 -2.1 65.76
LAB*LABc 69.14 -2.1 65.76

relative CIELAB lab*
lab*lab 0.661 -0.023 0.75
lab*ch 0.375 0.75 0.255
lab*nch 0.0 0.75 0.255
relative Natural Colour (NC)
lab*ch 0.375 0.75 0.255
lab*nch 0.0 0.75 0.255
lab*tr 0.661 0.0 0.75
lab*trc 0.375 0.75 0.255
lab*trnc 0.375 0.75 0.255

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 23.87 0.0 0.0
LAB*LABa 23.87 0.0 0.0
LAB*LABb 23.87 0.0 0.0
LAB*LABc 23.87 0.0 0.0

$n^* = 0.25$

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 0.03 0.0 0.0
LAB*LABa 0.03 0.0 0.0
LAB*LABb 0.03 0.0 0.0
LAB*LABc 0.03 0.0 0.0

$n^* = 0.00$

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 0.03 0.0 0.0
LAB*LABa 0.03 0.0 0.0
LAB*LABb 0.03 0.0 0.0
LAB*LABc 0.03 0.0 0.0

$n^* = 1.0$

Ausgabe: Farbmetrisches Fernseh-Licht-System TLS00

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

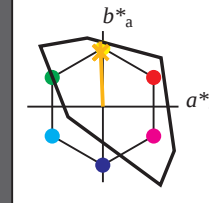
lab^*ch und lab^*nch

A: Buntton J

LCH*Ma: 85 86 92

olv*Ma: 1.0 0.82 0.0

Dreiecks-Helligkeit t^*



%Umfang

$u^*_{rel} = 158$

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 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*ch 1.0 0.0 0.0
lab*nch 0.0 0.0 0.0
lab*tr 1.0 0.0 0.0
lab*trc 1.0 0.0 0.0
lab*trnc 1.0 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)
standard and adapted CIELAB
LAB*LAB 71.57 0.0 0.0
LAB*LABa 71.57 0.0 0.0
LAB*LABb 71.57 0.0 0.0
LAB*LABc 71.57 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*ch 0.75 0.0 0.0
lab*nch 0.0 0.0 0.0
lab*tr 0.75 0.0 0.0
lab*trc 0.75 0.0 0.0
lab*trnc 0.75 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 56.91 -0.25 2.15
LAB*LABa 56.91 0.0 0.0
LAB*LABb 56.91 0.0 0.0
LAB*LABc 56.91 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*ch 0.5 0.0 0.0
lab*nch 0.0 0.0 0.0
lab*tr 0.5 0.0 0.0
lab*trc 0.5 0.0 0.0
lab*trnc 0.5 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 37.42 -0.38 0.63
LAB*LABa 37.42 0.0 0.0
LAB*LABb 37.42 0.0 0.0
LAB*LABc 37.42 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*ch 0.25 0.0 0.0
lab*nch 0.0 0.0 0.0
lab*tr 0.25 0.0 0.0
lab*trc 0.25 0.0 0.0
lab*trnc 0.25 0.0 0.0

$n^* = 0.50$

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 18.02 0.0 0.0
LAB*LABa 18.02 0.0 0.0
LAB*LABb 18.02 0.0 0.0
LAB*LABc 18.02 0.0 0.0

$n^* = 0.25$

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 0.03 0.0 0.0
LAB*LABa 0.03 0.0 0.0
LAB*LABb 0.03 0.0 0.0
LAB*LABc 0.03 0.0 0.0

$n^* = 1.0$

TLS00; adaptierte CIELAB-Daten

	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	50.5	76.92	64.55	100.42	40
Y _{Ma}	92.66	-20.69	90.75	93.08	103
L _{Ma}	83.63	-82.75	79.9	115.04	136
C _{Ma}	86.88	-46.16	-13.55	48.12	196
V _{Ma}	30.39	76.06	-103.59	128.52	306
M _{Ma}	57.3	94.35	-58.41	110.97	328
N _{Ma}	0.01	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

%Regularität

$g^*_{H,rel} = 20$

$g^*_{C,rel} = 37$

relative Inform. Technology (IT)
olv3* 1.0 0.912 0.5 (1.0)
cmyn3* 0.0 0.088 0.5 (0.0)
olv4* 1.0 0.912 0.5 (1.0)
cmyn4* 0.0 0.088 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 90.31 -1.74 43.06
LAB*LABa 90.31 -1.74 43.06
LAB*LABb 90.31 -1.74 43.06
LAB*LABc 90.31 -1.74 43.06

relative CIELAB lab*
lab*lab 0.947 -0.019 0.499
lab*ch 0.75 0.5 0.256
lab*nch 0.0 0.5 0.256
relative Natural Colour (NC)
lab*ch 0.947 0.0 0.5
lab*nch 0.0 0.5 0.256
lab*tr 0.947 0.0 0.5
lab*trc 0.75 0.5 0.256
lab*trnc 0.75 0.5 0.256

relative Inform. Technology (IT)
olv3* 0.75 0.662 0.25 (1.0)
cmyn3* 0.25 0.338 0.75 (0.0)
olv4* 1.0 0.912 0.5 (1.0)
cmyn4* 0.0 0.088 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 66.47 -1.73 43.06
LAB*LABa 66.47 -1.73 43.06
LAB*LABb 66.47 -1.73 43.06
LAB*LABc 66.47 -1.73 43.06

relative CIELAB lab*
lab*lab 0.947 -0.019 0.5
lab*ch 0.75 0.5 0.256
lab*nch 0.0 0.5 0.256
relative Natural Colour (NC)
lab*ch 0.947 0.0 0.5
lab*nch 0.0 0.5 0.256
lab*tr 0.947 0.0 0.5
lab*trc 0.75 0.5 0.256
lab*trnc 0.75 0.5 0.256

relative Inform. Technology (IT)
olv3* 0.5 0.412 0.0 (1.0)
cmyn3* 0.5 0.588 1.0 (0.0)
olv4* 1.0 0.912 0.5 (1.0)
cmyn4* 0.0 0.088 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 52.1 -1.39 43.84
LAB*LABa 52.1 -1.39 43.84
LAB*LABb 52.1 -1.39 43.84
LAB*LABc 52.1 -1.39 43.84

relative CIELAB lab*
lab*lab 0.67 -0.029 0.749
lab*ch 0.375 0.75 0.256
lab*nch 0.0 0.75 0.256
relative Natural Colour (NC)
lab*ch 0.67 0.0 0.75
lab*nch 0.0 0.75 0.256
lab*tr 0.67 0.0 0.75
lab*trc 0.375 0.75 0.256
lab*trnc 0.375 0.75 0.256

$n^* = 0.50$

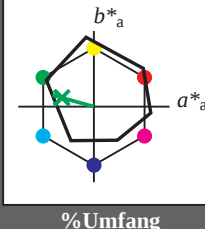
relative Inform. Technology (IT)
olv3* 0.25 0.25 0.25 (1.0)
cmyn3* 0.75 0.75 0.75 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 23.87 0.0 0.0
LAB*LABa 23.87 0.0 0.0
LAB*LABb 23.87 0.0 0.0
LAB*LABc 23.87 0.0 0.0

$n^* = 0.25$

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (1.0

Eingabe: Farbmetrisches Offset-Reflektiv-System ORS18 für Buntton $h^* = lab^*h = 164/360 = 0.457$ lab^*ch und lab^*nch

A: Buntton G
LCH*Ma: 53 57 164
olv*Ma: 0.0 1.0 0.25
Dreiecks-Helligkeit t^*



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 95.41 -0.98 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)
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 76.06 -0.61 3.44
LAB*LABa 76.06 0.0 3.44
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)
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 0.5
cmyn4* 0.0 0.0 0.0 0.5
standard and adapted CIELAB
LAB*LAB 56.71 -0.24 2.14
LAB*LABa 56.71 0.0 2.14
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)
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 0.25
cmyn4* 0.0 0.0 0.0 0.75
standard and adapted CIELAB
LAB*LAB 37.36 -0.38 0.63
LAB*LABa 37.36 0.0 0.63
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)
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 1.0
standard and adapted CIELAB
LAB*LAB 18.02 0.0 0.47
LAB*LABa 18.02 0.0 0.47
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

$n^* = 1.0$

ORS18; adaptierte CIELAB-Daten					
	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	65.39	50.52	82.63	38
Y _{Ma}	90.37	-10.26	91.75	92.32	96
L _{Ma}	50.9	-62.83	34.96	71.91	151
C _{Ma}	58.62	-30.34	-45.01	54.3	236
V _{Ma}	25.72	31.1	-44.4	54.22	305
M _{Ma}	48.13	75.28	-8.36	75.74	354
N _{Ma}	18.01	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
R _{CIE}	39.92	58.66	26.98	64.57	25
J _{CIE}	81.26	-2.16	67.76	67.79	92
G _{CIE}	52.23	-42.25	11.76	43.87	164
B _{CIE}	30.57	1.15	-46.84	46.86	271

%Regularität

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

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

relative Inform. Technology (IT)
olv3* 0.5 1.0 0.623 (1.0)
cmyn3* 0.5 0.0 0.377 (0.0)
olv4* 0.5 1.0 0.623 (1.0)
cmyn4* 0.5 0.0 0.377 (0.0)
standard and adapted CIELAB
LAB*LAB 74.1 -27.98 10.94
LAB*LABa 74.1 -27.4 6.2
LAB*LABb 74.1 -27.4 6.2
LAB*LABc 74.1 -27.4 6.2

relative CIELAB lab*
lab*lab 0.75 -0.481 0.134
lab*ch 0.75 0.5 0.457
lab*nch 0.0 0.5 0.457
relative Natural Colour (NC)
lab*trj 0.75 -0.481 0.134
lab*trc 0.75 0.5 0.457
lab*ncc 0.0 0.5 0.457

relative Inform. Technology (IT)
olv3* 0.25 0.5 0.375 (1.0)
cmyn3* 0.75 0.25 0.625 (0.0)
olv4* 0.5 1.0 0.623 (0.5)
cmyn4* 0.5 0.0 0.377 (0.5)
standard and adapted CIELAB
LAB*LAB 54.76 -27.61 9.64
LAB*LABa 54.76 -27.41 7.63
LAB*LABb 54.76 -27.41 7.63
LAB*LABc 54.76 -27.41 7.63

relative CIELAB lab*
lab*lab 0.5 -0.481 0.134
lab*ch 0.5 0.5 0.457
lab*nch 0.0 0.5 0.457
relative Natural Colour (NC)
lab*trj 0.5 -0.481 0.134
lab*trc 0.5 0.5 0.457
lab*ncc 0.0 0.5 0.457

relative Inform. Technology (IT)
olv3* 0.0 0.5 0.188 (1.0)
cmyn3* 0.5 0.0 0.812 (0.0)
olv4* 0.5 1.0 0.188 (0.5)
cmyn4* 0.5 0.0 0.812 (0.5)
standard and adapted CIELAB
LAB*LAB 44.11 -41.11 12.74
LAB*LABa 44.11 -41.11 12.74
LAB*LABb 44.11 -41.11 12.74
LAB*LABc 44.11 -41.11 12.74

relative CIELAB lab*
lab*lab 0.337 -0.721 0.201
lab*ch 0.337 0.5 0.457
lab*nch 0.0 0.5 0.457
relative Natural Colour (NC)
lab*trj 0.337 -0.721 0.201
lab*trc 0.337 0.5 0.457
lab*ncc 0.0 0.5 0.457

relative Inform. Technology (IT)
olv3* 0.0 0.5 0.188 (1.0)
cmyn3* 0.5 0.0 0.812 (0.0)
olv4* 0.5 1.0 0.188 (0.5)
cmyn4* 0.5 0.0 0.812 (0.5)
standard and adapted CIELAB
LAB*LAB 26.71 -13.7 3.82
LAB*LABa 26.71 -13.7 3.82
LAB*LABb 26.71 -13.7 3.82
LAB*LABc 26.71 -13.7 3.82

relative CIELAB lab*
lab*lab 0.112 -0.24 0.067
lab*ch 0.112 0.5 0.457
lab*nch 0.0 0.5 0.457
relative Natural Colour (NC)
lab*trj 0.112 -0.24 0.067
lab*trc 0.112 0.5 0.457
lab*ncc 0.0 0.5 0.457

$n^* = 0.50$

relative Inform. Technology (IT)
olv3* 0.25 1.0 0.246 (1.0)
cmyn3* 0.75 0.0 0.754 (0.0)
olv4* 0.25 1.0 0.246 (1.0)
cmyn4* 0.75 0.0 0.754 (0.0)
standard and adapted CIELAB
LAB*LAB 52.8 -54.81 15.26
LAB*LABa 52.8 -54.81 15.26
LAB*LABb 52.8 -54.81 15.26
LAB*LABc 52.8 -54.81 15.26

relative CIELAB lab*
lab*lab 0.45 -0.962 0.268
lab*ch 0.45 1.0 0.457
lab*nch 0.0 1.0 0.457
relative Natural Colour (NC)
lab*trj 0.45 -0.962 0.268
lab*trc 0.45 1.0 0.457
lab*ncc 0.0 1.0 0.457

relative Inform. Technology (IT)
olv3* 0.0 0.75 0.188 (1.0)
cmyn3* 0.75 0.0 0.812 (0.0)
olv4* 0.25 1.0 0.435 (0.5)
cmyn4* 0.75 0.0 0.565 (0.5)
standard and adapted CIELAB
LAB*LAB 44.11 -41.11 12.74
LAB*LABa 44.11 -41.11 12.74
LAB*LABb 44.11 -41.11 12.74
LAB*LABc 44.11 -41.11 12.74

relative CIELAB lab*
lab*lab 0.337 -0.721 0.201
lab*ch 0.337 0.5 0.457
lab*nch 0.0 0.5 0.457
relative Natural Colour (NC)
lab*trj 0.337 -0.721 0.201
lab*trc 0.337 0.5 0.457
lab*ncc 0.0 0.5 0.457

relative Inform. Technology (IT)
olv3* 0.0 0.75 0.188 (1.0)
cmyn3* 0.75 0.0 0.812 (0.0)
olv4* 0.25 1.0 0.435 (0.5)
cmyn4* 0.75 0.0 0.565 (0.5)
standard and adapted CIELAB
LAB*LAB 44.11 -41.11 12.74
LAB*LABa 44.11 -41.11 12.74
LAB*LABb 44.11 -41.11 12.74
LAB*LABc 44.11 -41.11 12.74

relative CIELAB lab*
lab*lab 0.337 -0.721 0.201
lab*ch 0.337 0.5 0.457
lab*nch 0.0 0.5 0.457
relative Natural Colour (NC)
lab*trj 0.337 -0.721 0.201
lab*trc 0.337 0.5 0.457
lab*ncc 0.0 0.5 0.457

relative Inform. Technology (IT)
olv3* 0.0 0.75 0.188 (1.0)
cmyn3* 0.75 0.0 0.812 (0.0)
olv4* 0.25 1.0 0.435 (0.5)
cmyn4* 0.75 0.0 0.565 (0.5)
standard and adapted CIELAB
LAB*LAB 44.11 -41.11 12.74
LAB*LABa 44.11 -41.11 12.74
LAB*LABb 44.11 -41.11 12.74
LAB*LABc 44.11 -41.11 12.74

relative CIELAB lab*
lab*lab 0.337 -0.721 0.201
lab*ch 0.337 0.5 0.457
lab*nch 0.0 0.5 0.457
relative Natural Colour (NC)
lab*trj 0.337 -0.721 0.201
lab*trc 0.337 0.5 0.457
lab*ncc 0.0 0.5 0.457

$n^* = 0.25$

relative Buntheit c^*

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 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)
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*LABa 71.57 0.0 0.0
LAB*LABb 71.57 0.0 0.0
LAB*LABc 71.57 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)
olv3* 0.5 0.5 0.5 (1.0)
cmyn3* 0.5 0.0 0.5 (0.0)
olv4* 1.0 1.0 1.0 0.5
cmyn4* 0.5 0.0 0.5 (0.5)
standard and adapted CIELAB
LAB*LAB 47.72 0.0 0.0
LAB*LABa 47.72 0.0 0.0
LAB*LABb 47.72 0.0 0.0
LAB*LABc 47.72 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)
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 0.25
cmyn4* 0.0 0.0 0.0 0.75
standard and adapted CIELAB
LAB*LAB 37.36 -0.38 0.63
LAB*LABa 37.36 0.0 0.63
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)
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 1.0
standard and adapted CIELAB
LAB*LAB 18.02 0.0 0.47
LAB*LABa 18.02 0.0 0.47
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

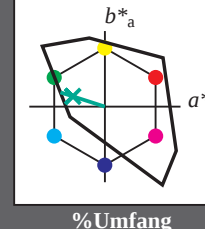
$n^* = 1.0$

relative Buntheit c^*

$n^* = 1.0$

Ausgabe: Farbmetrisches Fernseh-Licht-System TLS00 für Buntton $h^* = lab^*h = 162/360 = 0.451$ lab^*ch und lab^*nch

A: Buntton G
LCH*Ma: 86 62 162
olv*Ma: 0.0 1.0 0.65
Dreiecks-Helligkeit t^*



%Umfang

$u^*_{rel} = 158$

TLS00; adaptierte CIELAB-Daten					
	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	50.5	76.92	64.55	100.42	40
Y _{Ma}	92.66	-20.69	90.75	93.08	103
L _{Ma}	83.63	-82.75	79.9	115.04	136
C _{Ma}	86.88	-46.16	-13.55	48.12	196
V _{Ma}	30.39	76.06	-103.59	128.52	306
M _{Ma}	57.3	94.35	-58.41	110.97	328
N _{Ma}	0.01	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

%Regularität

$g^*_{H,rel} = 20$

$g^*_{C,rel} = 37$

relative Inform. Technology (IT)
olv3* 0.5 1.0 0.826 (1.0)
cmyn3* 0.5 0.0 0.174 (0.0)
olv4* 0.5 1.0 0.826 (1.0)
cmyn4* 0.5 0.0 0.174 (0.0)
standard and adapted CIELAB
LAB*LAB 90.57 -29.42 9.43
LAB*LABa 90.57 -29.42 9.43
LAB*LABb 90.57 -29.42 9.43
LAB*LABc 90.57 -29.42 9.43

relative CIELAB lab*
lab*lab 0.949 -0.475 0.153
lab*ch 0.949 0.5 0.451
lab*nch 0.0 0.5 0.451
relative Natural Colour (NC)
lab*trj 0.949 -0.475 0.153
lab*trc 0.949 0.5 0.451
lab*ncc 0.0 0.5 0.451

relative Inform. Technology (IT)
olv3* 0.25 0.5 0.375 (1.0)
cmyn3* 0.75 0.25 0.625 (0.0)
olv4* 0.5 1.0 0.375 (0.5)
cmyn4* 0.75 0.0 0.625 (0.5)
standard and adapted CIELAB
LAB*LAB 66.73 -29.42 9.44
LAB*LABa 66.73 -29.42 9.44
LAB*LABb 66.73 -29.42 9.44
LAB*LABc 66.73 -29.42 9.44

relative CIELAB lab*
lab*lab 0.674 -0.713 0.229
lab*ch 0.674 0.5 0.451
lab*nch 0.0 0.5 0.451
relative Natural Colour (NC)
lab*trj 0.674 -0.713 0.229
lab*trc 0.674 0.5 0.451
lab*ncc 0.0 0.5 0.451

relative Inform. Technology (IT)
olv3* 0.0 0.5 0.188 (1.0)
cmyn3* 0.5 0.0 0.812 (0.0)
olv4* 0.25 1.0 0.435 (0.5)
cmyn4* 0.5 0.0 0.565 (0.5)
standard and adapted CIELAB
LAB*LAB 44.11 -41.11 12.74
LAB*LABa 44.11 -41.11 12.74
LAB*LABb 44.11 -41.11 12.74
LAB*LABc 44.11 -41.11 12.74

relative CIELAB lab*
lab*lab 0.337 -0.721 0.201
lab*ch 0.337 0.5 0.457
lab*nch 0.0 0.5 0.457
relative Natural Colour (NC)
lab*trj 0.337 -0.721 0.201
lab*trc 0.337 0.5 0.457
lab*ncc 0.0 0.5 0.457

relative Inform. Technology (IT)
olv3* 0.0 0.5 0.188 (1.0)
cmyn3* 0.5 0.0 0.812 (0.0)
olv4* 0.25 1.0 0.435 (0.5)
cmyn4* 0.5 0.0 0.565 (0.5)
standard and adapted CIELAB
LAB*LAB 44.11 -41.11 12.74
LAB*LABa 44.11 -41.11 12.74
LAB*LABb 44.11 -41.11 12.74
LAB*LABc 44.11 -41.11 12.74

relative CIELAB lab*
lab*lab 0.337 -0.721 0.201
lab*ch 0.337 0.5 0.457
lab*nch 0.0 0.5 0.457
relative Natural Colour (NC)
lab*trj 0.337 -0.721 0.201
lab*trc 0.337 0.5 0.457
lab*ncc 0.0 0.5 0.457

$n^* = 0.00$

relative Buntheit c^*

$n^* = 0.00$

