

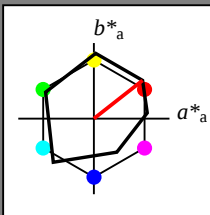
Eingabe: Farbmetrisches Offset-Reflektiv-System ORS18

für Buntton $h^* = lab^*h = 38/360 = 0.106$ lab^*ch und lab^*nch

A: Buntton O

LCH*Ma: 48 82 38

olv*Ma: 1.0 0.0 0.0

Dreiecks-Helligkeit t^* 

%Umfang

 $u^*_{rel} = 96$

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 95.6 0.43 4.65
LAB*LAB 95.6 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 76.23 0.62 3.36
LAB*LAB 76.23 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 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 56.86 0.8 2.08
LAB*LAB 56.86 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 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 37.48 0.8 0.79
LAB*LAB 37.48 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 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 18.12 0.8 0.49
LAB*LAB 18.12 0.0 0.0
LAB*TCa 10.00 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*trj 0.0 0.0 0.0
lab*tc 0.0 0.0 0.0
lab*ncc 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)
standard and adapted CIELAB
LAB*LAB 18.12 0.8 0.49
LAB*LAB 18.12 0.0 0.0
LAB*TCa 10.00 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*trj 0.0 0.0 0.0
lab*tc 0.0 0.0 0.0
lab*ncc 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)
standard and adapted CIELAB
LAB*LAB 18.12 0.8 0.49
LAB*LAB 18.12 0.0 0.0
LAB*TCa 10.00 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*trj 0.0 0.0 0.0
lab*tc 0.0 0.0 0.0
lab*ncc 1.0 0.0 0.0

ORS18; adaptierte CIELAB-Daten

	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	64.42	50.58	81.9	38
Y _{Ma}	92.62	2.41	86.36	86.39	88
L _{Ma}	50.9	-63.82	35.02	72.81	151
C _{Ma}	51.25	-53.68	-57.69	78.82	227
V _{Ma}	25.72	30.34	-44.37	53.76	304
M _{Ma}	56.25	70.59	7.57	70.99	6
N _{Ma}	18.11	0.0	0.0	0.0	0
W _{Ma}	95.6	0.0	0.0	0.0	0
R _{CIE}	47.79	60.85	41.08	73.41	34
J _{CIE}	83.82	6.52	66.9	67.22	84
G _{CIE}	49.0	-36.83	2.78	36.95	176
B _{CIE}	25.14	-18.35	-56.22	59.15	252

%Regularität

 $g^*_{H,rel} = -385$ $g^*_{C,rel} = 62$

relative Inform. Technology (IT)
olv3* 1.0 0.5 0.5 (1.0)
cmyn3* 0.0 0.5 0.5 (0.0)
olv4* 1.0 0.5 0.5 (1.0)
cmyn4* 0.0 0.5 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 71.77 32.86 28.36
LAB*LAB 71.77 0.0 0.0
LAB*TCa 75.00 40.94 38.14

relative CIELAB lab*
lab*lab 0.692 0.393 0.154
lab*ch 0.875 0.25 0.106
lab*nch 0.0 0.25 0.106
relative Natural Colour (NC)
lab*trj 0.846 0.248 0.032
lab*tc 0.875 0.25 0.02
lab*ncc 0.0 0.25 0.02

relative Inform. Technology (IT)
olv3* 0.75 0.5 0.5 (1.0)
cmyn3* 0.25 0.5 0.5 (0.0)
olv4* 1.0 0.5 0.5 (1.0)
cmyn4* 0.0 0.5 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 64.31 16.84 15.22
LAB*LAB 64.31 0.0 0.0
LAB*TCa 62.5 20.48 38.14

relative CIELAB lab*
lab*lab 0.586 0.197 0.154
lab*ch 0.625 0.25 0.106
lab*nch 0.25 0.25 0.106
relative Natural Colour (NC)
lab*trj 0.596 0.248 0.032
lab*tc 0.625 0.25 0.02
lab*ncc 0.25 0.25 0.02

relative Inform. Technology (IT)
olv3* 0.5 0.0 0.0 (1.0)
cmyn3* 0.5 0.75 0.75 (0.0)
olv4* 1.0 0.75 0.75 (1.0)
cmyn4* 0.0 0.75 0.75 (0.0)
standard and adapted CIELAB
LAB*LAB 52.4 33.06 27.08
LAB*LAB 52.4 0.0 0.0
LAB*TCa 50.0 40.95 38.14

relative CIELAB lab*
lab*lab 0.442 0.393 0.309
lab*ch 0.5 0.5 0.106
lab*nch 0.0 0.5 0.106
relative Natural Colour (NC)
lab*trj 0.442 0.496 0.064
lab*tc 0.5 0.5 0.02
lab*ncc 0.25 0.5 0.02

relative Inform. Technology (IT)
olv3* 0.25 0.0 0.0 (1.0)
cmyn3* 0.5 1.0 1.0 (0.0)
olv4* 1.0 0.5 0.5 (1.0)
cmyn4* 0.0 0.5 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 33.03 32.24 25.28
LAB*LAB 33.03 0.0 0.0
LAB*TCa 25.01 40.94 38.14

relative CIELAB lab*
lab*lab 0.193 0.393 0.309
lab*ch 0.25 0.5 0.106
lab*nch 0.0 0.5 0.106
relative Natural Colour (NC)
lab*trj 0.193 0.496 0.064
lab*tc 0.25 0.5 0.02
lab*ncc 0.25 0.5 0.02

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (1.0)
cmyn3* 0.75 1.0 1.0 (0.0)
olv4* 1.0 0.0 0.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 18.12 0.8 0.49
LAB*LAB 18.12 0.0 0.0
LAB*TCa 10.00 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*trj 0.0 0.0 0.0
lab*tc 0.0 0.0 0.0
lab*ncc 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)
standard and adapted CIELAB
LAB*LAB 18.12 0.8 0.49
LAB*LAB 18.12 0.0 0.0
LAB*TCa 10.00 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*trj 0.0 0.0 0.0
lab*tc 0.0 0.0 0.0
lab*ncc 1.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 1.0 0.25 0.25 (1.0)
cmyn3* 0.0 0.75 0.75 (0.0)
olv4* 1.0 0.25 0.25 (1.0)
cmyn4* 0.0 0.75 0.75 (0.0)
standard and adapted CIELAB
LAB*LAB 59.85 49.08 40.21
LAB*LAB 59.85 0.0 0.0
LAB*TCa 62.5 61.42 38.14

relative CIELAB lab*
lab*lab 0.539 0.59 0.463
lab*ch 0.625 0.75 0.106
lab*nch 0.0 0.75 0.106
relative Natural Colour (NC)
lab*trj 0.539 0.744 0.096
lab*tc 0.625 0.75 0.02
lab*ncc 0.0 0.75 0.02

relative Inform. Technology (IT)
olv3* 0.75 0.0 0.0 (1.0)
cmyn3* 0.25 1.0 1.0 (0.0)
olv4* 1.0 0.25 0.25 (1.0)
cmyn4* 0.0 0.25 0.25 (0.0)
standard and adapted CIELAB
LAB*LAB 47.94 65.31 52.06
LAB*LAB 47.94 0.0 0.0
LAB*TCa 50.0 81.89 38.14

relative CIELAB lab*
lab*lab 0.385 0.786 0.617
lab*ch 0.5 1.0 0.106
lab*nch 0.0 1.0 0.106
relative Natural Colour (NC)
lab*trj 0.385 0.992 0.128
lab*tc 0.5 1.0 0.02
lab*ncc 0.0 1.0 0.02

relative Inform. Technology (IT)
olv3* 0.5 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 0.75 0.75 (0.0)
standard and adapted CIELAB
LAB*LAB 40.25 18.33 12.85
LAB*LAB 40.25 0.0 0.0
LAB*TCa 37.5 22.39 35.02

relative CIELAB lab*
lab*lab 0.422 0.205 0.143
lab*ch 0.375 0.25 0.097
lab*nch 0.25 0.25 0.097
relative Natural Colour (NC)
lab*trj 0.422 0.25 0.003
lab*tc 0.375 0.25 0.002
lab*ncc 0.25 0.25 0.002

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 0.75 0.75 (0.0)
standard and adapted CIELAB
LAB*LAB 32.79 36.66 25.69
LAB*LAB 32.79 0.0 0.0
LAB*TCa 25.01 44.77 35.02

relative CIELAB lab*
lab*lab 0.344 0.409 0.287
lab*ch 0.25 0.5 0.097
lab*nch 0.0 0.5 0.097
relative Natural Colour (NC)
lab*trj 0.344 0.515 0.01
lab*tc 0.25 0.5 0.002
lab*ncc 0.25 0.5 0.002

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 18.12 0.8 0.49
LAB*LAB 18.12 0.0 0.0
LAB*TCa 10.00 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*trj 0.0 0.0 0.0
lab*tc 0.0 0.0 0.0
lab*ncc 1.0 0.0 0.0

 $n^* = 0.00$ $n^* = 0.25$ $n^* = 0.50$ $n^* = 0.75$ $n^* = 1.00$ $n^* = 1.25$ $n^* = 1.50$ $n^* = 1.75$ $n^* = 2.00$ $n^* = 2.25$ $n^* = 2.50$ $n^* = 2.75$ $n^* = 3.00$ $n^* = 3.25$ $n^* = 3.50$ $n^* = 3.75$ $n^* = 4.00$ $n^* = 4.25$ $n^* = 4.50$ $n^* = 4.75$ $n^* = 5.00$ $n^* = 5.25$ $n^* = 5.50$ $n^* = 5.75$ $n^* = 6.00$ $n^* = 6.25$ $n^* = 6.50$ $n^* = 6.75$ $n^* = 7.00$ $n^* = 7.25$ $n^* = 7.50$ $n^* = 7.75$ $n^* = 8.00$ $n^* = 8.25$ $n^* = 8.50$ $n^* = 8.75$ $n^* = 9.00$ $n^* = 9.25$ $n^* = 9.50$ $n^* = 9.75$ $n^* = 10.00$ $n^* = 10.25$ $n^* = 10.50$ $n^* = 10.75$ $n^* = 11.00$ $n^* = 11.25$ $n^* = 11.50$ $n^* = 11.75$ $n^* = 12.00$ $n^* = 12.25$ $n^* = 12.50$ $n^* = 12.75$ $n^* = 13.00$ $n^* = 13.25$ $n^* = 13.50$ $n^* = 13.75$ $n^* = 14.00$ $n^* = 14.25$ $n^* = 14.50$ $n^* = 14.75$ $n^* = 15.00$ $n^* = 15.25$ $n^* = 15.50$ $n^* = 15.75$ $n^* = 16.00$ $n^* = 16.25$ $n^* = 16.50$ $n^* = 16.75$ $n^* = 17.00$ $n^* = 17.25$ $n^* = 17.50$ $n^* = 17.75$ $n^* = 18.00$ $n^* = 18.25$ $n^* = 18.50$ $n^* = 18.75$ $n^* = 19.00$ $n^* = 19.25$ $n^* = 19.50$ $n^* = 19.75$ $n^* = 20.00$ $n^* = 20.25$ $n^* = 20.50$ $n^* = 20.75$ $n^* = 21.00$ $n^* = 21.25$ $n^* = 21.50$ $n^* = 21.75$ $n^* = 22.00$ $n^* = 22.25$ $n^* = 22.50$ $n^* = 22.75$ $n^* = 23.00$ $n^* = 23.25$ $n^* = 23.50$ $n^* = 23$

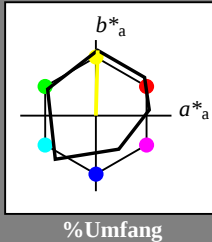
Eingabe: Farbmetrisches Offset-Reflektiv-System ORS18

für Buntton $h^* = lab^*h = 88/360 = 0.246$ lab^*ch und lab^*nch

A: Buntton Y

LCH*Ma: 93 86 88

olv*Ma: 1.0 1.0 0.0

Dreiecks-Helligkeit t^* 

relative Inform. Technology (IT)

olvi3*	1.0	1.0	1.0	(1.0)
cmyn3*	0.0	0.0	0.0	(0.0)
olvi4*	1.0	1.0	1.0	(1.0)
cmyn4*	0.0	0.0	0.0	(0.0)
LAB*LAB	95.6	0.43	4.65	
LAB*LAB	95.6	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*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)

olvi3*	0.75	0.75	0.75	(1.0)
cmyn3*	0.25	0.25	0.25	(0.0)
olvi4*	1.0	1.0	1.0	(1.0)
cmyn4*	0.0	0.0	0.0	(0.0)
LAB*LAB	76.23	0.62	3.36	
LAB*LAB	76.23	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*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)

olvi3*	0.5	0.5	0.5	(0.0)
cmyn3*	0.5	0.5	0.5	(0.0)
olvi4*	1.0	1.0	1.0	(1.0)
cmyn4*	0.0	0.0	0.0	(0.0)
LAB*LAB	56.86	0.8	2.08	
LAB*LAB	56.86	0.0	0.0	
LAB*LAB	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*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)

olvi3*	0.25	0.25	0.25	(1.0)
cmyn3*	0.75	0.75	0.75	(0.0)
olvi4*	1.0	1.0	1.0	(1.0)
cmyn4*	0.0	0.0	0.0	(0.0)
LAB*LAB	37.49	0.8	0.79	
LAB*LAB	37.49	0.0	0.0	
LAB*LAB	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*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)

olvi3*	0.0	0.0	0.0	(1.0)
cmyn3*	1.0	1.0	1.0	(0.0)
olvi4*	1.0	1.0	1.0	(1.0)
cmyn4*	0.0	0.0	0.0	(0.0)
LAB*LAB	18.12	0.18	0.49	
LAB*LAB	18.12	0.0	0.0	
LAB*LAB	10.00	0.01	-	

relative CIELAB lab*

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

relative Natural Colour (NC)

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

relative Inform. Technology (IT)

olvi3*	0.0	0.0	0.0	(1.0)
cmyn3*	1.0	1.0	1.0	(0.0)
olvi4*	1.0	1.0	1.0	(1.0)
cmyn4*	0.0	0.0	0.0	(0.0)
LAB*LAB	18.12	0.18	0.49	
LAB*LAB	18.12	0.0	0.0	
LAB*LAB	10.00	0.01	-	

relative CIELAB lab*

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

relative Natural Colour (NC)

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

relative Inform. Technology (IT)

olvi3*	1.0	1.0	0.75	(1.0)
cmyn3*	0.0	0.0	0.0	(0.0)
olvi4*	1.0	1.0	0.75	(1.0)
cmyn4*	0.0	0.0	0.0	(0.0)
LAB*LAB	94.85	1.04	26.19	
LAB*LAB	94.85	0.0	21.58	
LAB*LAB	87.5	21.59	88.4	

relative CIELAB lab*

lab*lab	0.99	0.007	0.25	
lab*ch	0.875	0.25	0.246	
lab*nch	0.0	0.25	0.246	

relative Natural Colour (NC)

lab*lab	0.99	-0.016	0.249	
lab*ch	0.875	0.25	0.261	
lab*nch	0.0	0.25	0.246	

relative Inform. Technology (IT)

olvi3*	0.75	0.75	0.5	(1.0)
cmyn3*	0.25	0.25	0.5	(0.0)
olvi4*	1.0	1.0	0.75	(1.0)
cmyn4*	0.0	0.0	0.25	(0.0)
LAB*LAB	75.48	1.23	24.91	
LAB*LAB	75.48	0.6	21.59	
LAB*LAB	62.5	21.6	88.4	

relative CIELAB lab*

lab*lab	0.75	0.007	0.25	
lab*ch	0.625	0.25	0.246	
lab*nch	0.0	0.25	0.246	

relative Natural Colour (NC)

lab*lab	0.75	-0.016	0.249	
lab*ch	0.625	0.25	0.261	
lab*nch	0.0	0.25	0.246	

relative Inform. Technology (IT)

olvi3*	0.5	0.5	0.5	(0.0)
cmyn3*	0.5	0.5	0.5	(0.0)
olvi4*	1.0	1.0	0.75	(1.0)
cmyn4*	0.0	0.0	0.25	(0.0)
LAB*LAB	56.11	1.42	23.62	
LAB*LAB	56.11	0.6	21.59	
LAB*LAB	37.5	21.6	88.4	

relative CIELAB lab*

lab*lab	0.5	0.007	0.25	
lab*ch	0.375	0.25	0.246	
lab*nch	0.0	0.25	0.246	

relative Natural Colour (NC)

lab*lab	0.5	-0.016	0.249	
lab*ch	0.375	0.25	0.261	
lab*nch	0.0	0.25	0.246	

relative Inform. Technology (IT)

olvi3*	0.25	0.25	0.25	(1.0)
cmyn3*	0.75	0.75	0.75	(0.0)
olvi4*	1.0	1.0	0.75	(1.0)
cmyn4*	0.0	0.0	0.25	(0.0)
LAB*LAB	35.37	2.02	43.0	
LAB*LAB	35.37	1.21	43.17	
LAB*LAB	25.01	43.19	88.4	

relative CIELAB lab*

lab*lab	0.481	0.014	0.5	
lab*ch	0.25	0.25	0.246	
lab*nch	0.0	0.25	0.246	

relative Natural Colour (NC)

lab*lab	0.481	-0.033	0.499	
lab*ch	0.25	0.25	0.261	
lab*nch	0.0	0.25	0.246	

relative Inform. Technology (IT)

olvi3*	0.0	0.0	0.0	(1.0)
cmyn3*	1.0	1.0	0.75	(0.0)
olvi4*	1.0	1.0	0.75	(1.0)
cmyn4*	0.0	0.0	0.25	(0.0)
LAB*LAB	36.74	1.9	22.83	
LAB*LAB	36.74	0.6	21.58	
LAB*LAB	12.5	21.59	88.4	

relative CIELAB lab*

lab*lab	0.24	0.007	0.25	
lab*ch	0.125	0.25	0.246	
lab*nch	0.0	0.25	0.246	

relative Natural Colour (NC)

lab*lab	0.24	-0.016	0.249	
lab*ch	0.125	0.25	0.261	
lab*nch	0.0	0.25	0.246	

relative Inform. Technology (IT)

olvi3*	0.0	0.0	0.0	(1.0)
cmyn3*	1.0	1.0	0.75	(0.0)
olvi4*	1.0	1.0	0.75	(1.0)
cmyn4*	0.0	0.0	0.25	(0.0)
LAB*LAB	18.12	0.18	0.49	
LAB*LAB	18.12	0.0	0.0	
LAB*LAB	10.00	0.01	-	

ORS18; adaptierte CIELAB-Daten

	$L^*=L_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	64.42	50.58	81.9	38
Y _{Ma}	92.62	2.41	86.36	86.39	88
L _{Ma}	50.9	-63.82	35.02	72.81	151
C _{Ma}	51.25	-53.68	-57.69	78.82	227
V _{Ma}	25.72	30.34	-44.37	53.76	304
M _{Ma}	56.25	70.59	7.57	70.99	6
N _{Ma}	18.11	0.0	0.0	0.0	0
W _{Ma}	95.6	0.0	0.0	0.0	0
R _{CIE}	47.79	60.85	41.08	73.41	34
J _{CIE}	83.82	6.52	66.9	67.22	84
G _{CIE}	49.0	-36.83	2.78	36.95	176
B _{CIE}	25.14	-18.35	-56.22	59.15	252

%Regularität

 $g^*_{H,rel} = -385$ $g^*_{C,rel} = 62$

relative Inform. Technology (IT)

olvi3*	1.0	1.0	0.5	(1.0)
cmyn3*	0.0	0.0	0.5	(0.0)
olvi4*	1.0	1.0	0.5	(1.0)
cmyn4*	0.0	0.0	0.5	(0.0)
LAB*LAB	94.1	1.65	47.73	
LAB*LAB	94.1	1.21	43.17	
LAB*LAB	75.0	43.19	88.4	

relative CIELAB lab*

lab*lab	0.981	0.014	0.5	
lab*ch	0.75	0.5	0.246	
lab*nch	0.0	0.5	0.246	

relative Natural Colour (NC)

lab*lab	0.981	-0.033	0.499	
lab*ch	0.75	0.5	0.261	
lab*nch	0.0	0.5	0.246	

relative Inform. Technology (IT)

olvi3*	0.75	0.75	0.0	(1.0)
cmyn3*	0.25	0.25	0.0	(0.0)
olvi4*	1.0	1.0	0.0	(1.0)
cmyn4*	0.0	0.0	0.0	(0.0)
LAB*LAB	74.74	1.84	46.45	
LAB*LAB	74.74	1.21	43.18	
LAB*LAB	50.0	43.2	88.4	

relative CIELAB lab*

lab*lab	0.75	0.014	0.5	
lab*ch	0.75	0.5	0.246	
lab*nch	0.0	0.5	0.246	

relative Natural Colour (NC)

lab*lab	0.75	-0.033	0.499	
lab*ch	0.75	0.5	0.261	
lab*nch	0.0	0.5	0.246	

relative Inform. Technology (IT)

olvi3*	0.5	0.5	0.0	(1.0)
cmyn3*	0.5	0.5	0.0	(0.0)
olvi4*	1.0	1.0	0.0	(1.0)
cmyn4*	0.0	0.0	0.0	(0.0)
LAB*LAB	73.96	2.45	67.98	
LAB*LAB	73.96	1.81	64.76	
LAB*LAB	37.51	64.79	88.4	

relative CIELAB lab*

lab*lab	0.721	0.021	0.75	
lab*ch	0.375	0.75	0.246	
lab*nch	0.0	0.75	0.246	

relative Natural Colour (NC)

lab*lab	0.721	-0.05	0.748	
lab*ch	0.375	0.75	0.261	
lab*nch	0.0	0.75	0.246	

relative Inform. Technology (IT)

olvi3*	0.25	0.25	0.0	(1.0)
cmyn3*	0.75	0.75	0.0	(0.0)
olvi4*	1.0	1.0	0.0	(1.0)
cmyn4*	0.0	0.0	0.0	(0.0)
LAB*LAB	43.17	2.02	43.0	
LAB*LAB	43.17	1.21	43.17	
LAB*LAB	25.01	43.19	88.4	

relative CIELAB lab*

lab*lab	0.481	0.014	0.5	
lab*ch	0.25	0.25	0.246	
lab*nch	0.0	0.25		

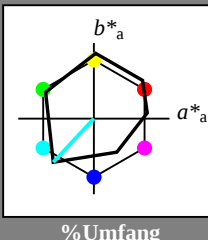
Eingabe: Farbmetrisches Offset-Reflektiv-System ORS18

für Buntton $h^* = lab^*h = 227/360 = 0.631$ lab^*ich und lab^*nch

A: Buntton C

LCH*Ma: 51 79 227

olv*Ma: 0.0 1.0 1.0

Dreiecks-Helligkeit t^* 

relative Inform. Technology (IT)

olv3* 1.0 1.0 1.0 (1.0)

olv4* 0.0 0.0 0.0 (0.0)

olv5* 1.0 1.0 1.0 (1.0)

olv6* 0.0 0.0 0.0 (0.0)

standard and adapted CIELAB

LAB*LAB 95.6 0.43 4.65

LAB*LAB 95.6 0.0 0.0

LAB*LAB 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 -

relative Natural Colour (NC)

lab*lab 1.0 0.0 0.0

lab*ich 1.0 0.0 0.0

lab*nch 0.0 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* 1.0 1.0 1.0 (1.0)

olv6* 0.0 0.0 0.0 (0.0)

standard and adapted CIELAB

LAB*LAB 76.23 0.62 3.36

LAB*LAB 76.23 0.0 0.0

LAB*LAB 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 0.0 0.0 -

relative Natural Colour (NC)

lab*lab 0.75 0.0 0.0

lab*ich 0.75 0.0 0.0

lab*nch 0.0 0.0 -

relative Inform. Technology (IT)

olv3* 0.5 0.5 0.5 (0.0)

olv4* 1.0 1.0 1.0 (0.5)

olv5* 0.0 0.0 0.0 (0.0)

olv6* 0.0 0.0 0.0 (0.0)

standard and adapted CIELAB

LAB*LAB 56.86 0.2 2.08

LAB*LAB 56.86 0.0 0.0

LAB*LAB 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 -

relative Natural Colour (NC)

lab*lab 0.5 0.0 0.0

lab*ich 0.5 0.0 0.0

lab*nch 0.0 0.0 -

relative Inform. Technology (IT)

olv3* 0.25 0.25 0.25 (1.0)

olv4* 0.75 0.75 0.75 (0.0)

olv5* 1.0 1.0 1.0 (0.5)

olv6* 0.0 0.0 0.0 (0.0)

standard and adapted CIELAB

LAB*LAB 37.49 0.79 0.79

LAB*LAB 37.49 0.0 0.0

LAB*LAB 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 -

relative Natural Colour (NC)

lab*lab 0.25 0.0 0.0

lab*ich 0.25 0.0 0.0

lab*nch 0.0 0.0 -

relative Inform. Technology (IT)

olv3* 0.0 0.0 0.0 (1.0)

olv4* 1.0 1.0 1.0 (0.0)

olv5* 0.0 0.0 0.0 (0.0)

olv6* 0.0 0.0 0.0 (0.0)

standard and adapted CIELAB

LAB*LAB 18.12 0.49 0.49

LAB*LAB 18.12 0.0 0.0

LAB*LAB 10.00 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*lab 0.0 0.0 0.0

lab*ich 0.0 0.0 0.0

lab*nch 1.0 0.0 0.0

relative Inform. Technology (IT)

olv3* 0.0 0.0 0.0 (1.0)

olv4* 1.0 1.0 1.0 (0.0)

olv5* 0.0 0.0 0.0 (0.0)

olv6* 0.0 0.0 0.0 (0.0)

standard and adapted CIELAB

LAB*LAB 18.12 0.0 0.0

LAB*LAB 18.12 0.0 0.0

LAB*LAB 10.00 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*lab 0.0 0.0 0.0

lab*ich 0.0 0.0 0.0

lab*nch 1.0 0.0 0.0

relative Inform. Technology (IT)

olv3* 0.0 0.0 0.0 (1.0)

olv4* 1.0 1.0 1.0 (0.0)

olv5* 0.0 0.0 0.0 (0.0)

olv6* 0.0 0.0 0.0 (0.0)

standard and adapted CIELAB

LAB*LAB 18.12 0.0 0.0

LAB*LAB 18.12 0.0 0.0

LAB*LAB 10.00 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*lab 0.0 0.0 0.0

lab*ich 0.0 0.0 0.0

lab*nch 1.0 0.0 0.0

relative Inform. Technology (IT)

olv3* 0.0 0.0 0.0 (1.0)

olv4* 1.0 1.0 1.0 (0.0)

olv5* 0.0 0.0 0.0 (0.0)

olv6* 0.0 0.0 0.0 (0.0)

standard and adapted CIELAB

LAB*LAB 18.12 0.0 0.0

LAB*LAB 18.12 0.0 0.0

LAB*LAB 10.00 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*lab 0.0 0.0 0.0

lab*ich 0.0 0.0 0.0

lab*nch 1.0 0.0 0.0

ORS18; adaptierte CIELAB-Daten

	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	64.42	50.58	81.9	38
Y _{Ma}	92.62	2.41	86.36	86.39	88
L _{Ma}	50.9	-63.82	35.02	72.81	151
C _{Ma}	51.25	-53.68	-57.69	78.82	227
V _{Ma}	25.72	30.34	-44.37	53.76	304
M _{Ma}	56.25	70.59	7.57	70.99	6
N _{Ma}	18.11	0.0	0.0	0.0	0
W _{Ma}	95.6	0.0	0.0	0.0	0
R _{CIE}	47.79	60.85	41.08	73.41	34
J _{CIE}	83.82	6.52	66.9	67.22	84
G _{CIE}	49.0	-36.83	2.78	36.95	176
B _{CIE}	25.14	-18.35	-56.22	59.15	252

%Regularität

 $g^*_{H,rel} = -385$ $g^*_{C,rel} = 62$

relative Inform. Technology (IT)

olv3* 0.5 0.5 0.5 (1.0)

olv4* 0.5 0.5 0.5 (0.0)

olv5* 0.5 0.5 0.5 (0.0)

olv6* 0.5 0.5 0.5 (0.0)

standard and adapted CIELAB

LAB*LAB 73.42 -26.18 -25.65

LAB*LAB 73.42 -26.83 -28.84

LAB*LAB 75.00 39.4 227.06

relative CIELAB lab*

lab*lab 0.714 -0.34 -0.365

lab*ich 0.714 -0.34 -0.365

lab*nch 0.0 0.0 0.0

relative Natural Colour (NC)

lab*lab 0.714 -0.34 -0.365

lab*ich 0.714 -0.34 -0.365

lab*nch 0.0 0.0 0.0

relative Inform. Technology (IT)

olv3* 0.25 0.25 0.25 (1.0)

olv4* 0.75 0.75 0.75 (0.0)

olv5* 0.5 0.5 0.5 (0.0)

olv6* 0.5 0.5 0.5 (0.0)

standard and adapted CIELAB

LAB*LAB 54.05 -26.0 -26.94

LAB*LAB 54.05 -26.83 -28.84

LAB*LAB 50.00 39.4 227.06

relative CIELAB lab*

lab*lab 0.464 -0.244 -0.435

lab*ich 0.464 -0.244 -0.435

lab*nch 0.0 0.0 0.0

relative Natural Colour (NC)

lab*lab 0.464 -0.244 -0.435

lab*ich 0.464 -0.244 -0.435

lab*nch 0.0 0.0 0.0

relative Inform. Technology (IT)

olv3* 0.0 0.0 0.0 (1.0)

olv4* 1.0 1.0 1.0 (0.0)

olv5* 0.0 0.0 0.0 (0.0)

olv6* 0.0 0.0 0.0 (0.0)

standard and adapted CIELAB

LAB*LAB 34.68 -26.83 -28.84

LAB*LAB 34.68 -26.83 -28.84

LAB*LAB 25.00 39.4 227.06

relative CIELAB lab*

lab*lab 0.214 -0.34 -0.365

lab*ich 0.214 -0.34 -0.365

lab*nch 0.0 0.0 0.0

relative Natural Colour (NC)

lab*lab 0.214 -0.34 -0.365

lab*ich 0.214 -0.34 -0.365

lab*nch 0.0 0.0 0.0

relative Inform. Technology (IT)

olv3* 0.0 0.0 0.0 (1.0)

olv4* 1.0 1.0 1.0 (0.0)

olv5* 0.0 0.0 0.0 (0.0)

olv6* 0.0 0.0 0.0 (0.0)

standard and adapted CIELAB

LAB*LAB 26.4 -13.41 -14.41

LAB*LAB 26.4 -13.41 -14.41

LAB*LAB 12.5 19.7 227.06

relative CIELAB lab*

lab*lab 0.107 -0.169 -0.182

lab*ich 0.107 -0.169 -0.182

lab*nch 0.0 0.0 0.0

relative Natural Colour (NC)

lab*lab 0.107 -0.169 -0.182

lab*ich 0.107 -0.169 -0.182

lab*nch 0.0 0.0 0.0

relative Inform. Technology (IT)

olv3* 0.0 0.0 0.0 (1.0)

olv4* 1.0 1.0 1.0 (0.0)

olv5* 0.0 0.0 0.0 (0.0)

olv6* 0.0 0.0 0.0 (0.0)

standard and adapted CIELAB

LAB*LAB 18.12 0.0 0.0

LAB*LAB 18.12 0.0 0.0

LAB*LAB 10.00 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*lab 0.0 0.0 0.0

lab*ich 0.0 0.0 0.0

lab*nch 1.0 0.0 0.0

relative Inform. Technology (IT)

olv3* 0.0 0.0 0.0 (1.0)

olv4* 1.0 1.0 1.0 (0.0)

olv5* 0.0 0.0 0.0 (0.0)

olv6* 0.0 0.0 0.0 (0.0)

standard and adapted CIELAB

LAB*LAB 18.12 0.0 0.0

LAB*LAB 18.12 0.0 0.0

LAB*LAB 10.00 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*lab 0.0 0.0 0.0

lab*ich 0.0 0.0 0.0

lab*nch 1.0 0.0 0.0

relative Inform. Technology (IT)

olv3* 0.0 0.0 0.0 (1.0)

olv4* 1.0 1.0 1.0 (0.0)

olv5* 0.0 0.0 0.0 (0.0)

olv6* 0.0 0.0 0.0 (0.0)

standard and adapted CIELAB

LAB*LAB 18.12 0.0 0.0

LAB*LAB 18.12 0.0 0.0

LAB*LAB 10.00 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*lab 0.0 0.0 0.0

lab*ich 0.0 0.0 0.0

lab*nch 1.0 0.0 0.0

 $n^* = 0.00$ $n^* = 0.25$ $n^* = 0.50$ $n^* = 0.75$ $n^* = 1.00$ $n^* = 1.25$ $n^* = 1.50$ $n^* = 1.75$ $n^* = 2.00$ $n^* = 2.25$ $n^* = 2.50$ $n^* = 2.75$ $n^* = 3.00$ $n^* = 3.25$ $n^* = 3.50$ $n^* = 3.75$ $n^* = 4.00$ $n^* = 4.25$ $n^* = 4.50$ $n^* = 4.75$ $n^* = 5.00$ $n^* = 5.25$ $n^* = 5.50$ $n^* = 5.75$ $n^* = 6.00$ $n^* = 6.25$ $n^* = 6.50$ $n^* = 6.75$ $n^* = 7.00$ $n^* = 7.25$ $n^* = 7.50$ $n^* = 7.75$ $n^* = 8.00$ $n^* = 8.25$ $n^* = 8.50$ $n^* = 8.75$ $n^* = 9.00$ $n^* = 9.25$ $n^* = 9.50$ $n^* = 9.75$ $n^* = 10.00$ $n^* = 10.25$ $n^* = 10.50$ $n^* = 10.75$ $n^* = 11.00$ $n^* = 11.25$ $n^* = 11.50$ $n^* = 11.75$ $n^* = 12.00$ $n^* = 12.25$ $n^* = 12.50$ $n^* = 12.75$ $n^* = 13.00$ $n^* = 13.25$ $n^* = 13.50$ $n^* = 13.75$ $n^* = 14.00$ $n^* = 14.25$ $n^* = 14.50$ $n^* = 14.75$ $n^* = 15.00$ $n^* = 15.25$ $n^* = 15.50$ $n^* = 15.75$ $n^* = 16.00$ $n^* = 16.25$ $n^* = 16.50$ $n^* = 16.75$ $n^* = 17.00$ $n^* = 17.25$ $n^* = 17.50$ $n^* = 17.75$ $n^* = 18.00$ $n^* = 18.25$ $n^* = 18.50$ $n^* = 18.75$ $n^* = 19.00$ $n^* = 19.25$ $n^* = 19.50$ $n^* = 19.75$ $n^* = 20.00$ $n^* = 20.25$ $n^* = 20.50$ $n^* = 20.75$ $n^* = 21.00$ $n^* = 21.25$ $n^* = 21.50$ $n^* = 21.75$ $n^* = 22.00$ $n^* = 22.25$ $n^* = 22.50$ $n^* = 22.75$ $n^* = 23.00$ $n^* = 23.25$ $n^* = 23.50$ $n^* = 23.75$ $n^* = 24.00$ $n^* = 24.25$ $n^* = 24.50$ $n^* = 24.75$ $n^* = 25.00$ $n^* = 25.25$

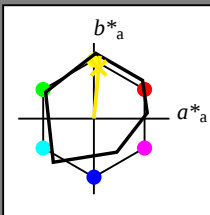
Eingabe: Farbmetrisches Offset-Reflektiv-System ORS18

für Buntton $h^* = lab^*h = 84/360 = 0.235$ lab^*ich und lab^*nch

A: Buntton J

LCH*Ma: 89 83 84

olv*Ma: 1.0 0.91 0.0

Dreiecks-Helligkeit t^* 

%Umfang

 $u^*_{rel} = 96$

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 95.6 0.43 4.65

LAB*LABa 95.6 0.0 0.0

LAB*LABb 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*lab 1.0 0.0 0.0 -

lab*ich 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)

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 76.23 0.62 3.36

LAB*LABa 76.23 0.0 0.0

LAB*LABb 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 0.0 0.0 0.0 -

relative Natural Colour (NC)

lab*lab 0.75 0.0 0.0 -

lab*ich 0.75 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)

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 56.86 0.8 2.08

LAB*LABa 56.86 0.0 0.0

LAB*LABb 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*lab 0.5 0.0 0.0 -

lab*ich 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)

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 37.48 1.8 0.79

LAB*LABa 37.48 0.0 0.0

LAB*LABb 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*lab 0.25 0.0 0.0 -

lab*ich 0.25 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)

cmyn3* 0.75 0.75 0.75 (0.0)

olv4* 1.0 1.0 1.0 (0.0)

cmyn4* 0.0 0.0 0.0 (1.0)

standard and adapted CIELAB

LAB*LAB 18.12 1.8 0.49

LAB*LABa 18.12 0.0 0.0

LAB*LABb 10.00 0.01 -

relative CIELAB lab*

lab*lab 0.0 0.0 0.0 -

lab*ich 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*ich 0.0 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)

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*LABa 0.0 0.0 0.0

LAB*LABb 0.0 0.0 0.0

relative CIELAB lab*

lab*lab 0.0 0.0 0.0 -

lab*ich 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*ich 0.0 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)

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*LABa 0.0 0.0 0.0

LAB*LABb 0.0 0.0 0.0

relative CIELAB lab*

lab*lab 0.0 0.0 0.0 -

lab*ich 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*ich 0.0 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)

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*LABa 0.0 0.0 0.0

LAB*LABb 0.0 0.0 0.0

relative CIELAB lab*

lab*lab 0.0 0.0 0.0 -

lab*ich 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*ich 0.0 0.0 0.0 -

lab*nch 0.0 0.0 0.0 -

ORS18; adaptierte CIELAB-Daten

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	64.42	50.58	81.9	38
Y _{Ma}	92.62	2.41	86.36	86.39	88
L _{Ma}	50.9	-63.82	35.02	72.81	151
C _{Ma}	51.25	-53.68	-57.69	78.82	227
V _{Ma}	25.72	30.34	-44.37	53.76	304
M _{Ma}	56.25	70.59	7.57	70.99	6
N _{Ma}	18.11	0.0	0.0	0.0	0
W _{Ma}	95.6	0.0	0.0	0.0	0
RC _{IE}	47.79	60.85	41.08	73.41	34
J _{CIE}	83.82	6.52	66.9	67.22	84
G _{CIE}	49.0	-36.83	2.78	36.95	176
B _{CIE}	25.14	-18.35	-56.22	59.15	252

%Regularität

 $g^*_{H,rel} = -385$ $g^*_{C,rel} = 62$ $n^* = 0.00$ $n^* = 0.25$ $n^* = 0.50$ $n^* = 0.75$ $n^* = 1.0$

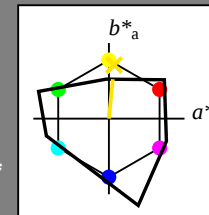
Ausgabe: Farbmetrisches Fernseh-Licht-System TLS00

für Buntton $h^* = lab^*h = 84/360 = 0.234$ lab^*tch und lab^*nch

A: Buntton J

LCH*Ma: 91 52 84

olv*Ma: 1.0 0.89 0.0

Dreiecks-Helligkeit t^* 

%Umfang

 $u^*_{rel} = 141$

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*ich 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*ich 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)

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 70.00 0.01 -

relative CIELAB lab*

lab*lab 0.75 0.0 0.0 -

lab*ich 0.75 0.0 0.0 -

lab*nch 0.0 0.0 0.0 -

relative Natural Colour (NC)

lab*lab 0.75 0.0 0.0 -

lab*ich 0.75 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)

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 50.00 0.0 0.0

LAB*LABa 50.00 0.0 0.0

LAB*LABb 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*lab 0.5 0.0 0.0 -

lab*ich 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)

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 25.00 0.0 0.0

LAB*LABa 25.00 0.0 0.0

LAB*LABb 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*lab 0.25 0.0 0.0 -

lab*ich 0.25 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)

cmyn3* 0.75 0.75 0.75 (0.0)

olv4* 1.0 1.0 1.0 (0.0)

cmyn4* 0.0 0.0 0.0 (1.0)

standard and adapted CIELAB

LAB*LAB 10.00 0.0 0.0

LAB*LABa 10.00 0.0 0.0

LAB*LABb 10.00 0.01 -

relative CIELAB lab*

lab*lab 0.0 0.0 0.0 -

lab*ich 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*ich 0.0 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)

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*LABa 0.0 0.0 0.0

LAB*LABb 0.0 0.0 0.0

relative CIELAB lab*

lab*lab 0.0 0.0 0.0 -

lab*ich 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*ich 0.0 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)

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*LABa 0.0 0.0 0.0

LAB*LABb 0.0 0.0 0.0

relative CIELAB lab*

lab*lab 0.0 0.0 0.0 -

lab*ich 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*ich 0.0 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)

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*LABa 0.0 0.0 0.0

LAB*LABb 0.0 0.0 0.0

relative CIELAB lab*

lab*lab 0.0 0.0 0.0 -

lab*ich 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*ich 0.0 0.0 0.0 -

lab*nch 0.0 0.0 0.0 -

TLS00; adaptierte CIELAB-Daten

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	65.56	73.34	51.39	89.55	35
Y _{Ma}	94.78	-3.49	52.24	52.36	94
L _{Ma}	77.48	-92.97	36.0	99.71	159
C _{Ma}	78.36	-82.69	-22.74	85.77	195
V _{Ma}	12.55	38.81	-114.81	121.2	289
M _{Ma}	66.71	76.08	-29.8	81.71	339
N _{Ma}	0.01	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
RC _{IE}	47.79	61.74	42.56	74.99	35
J _{CIE}	83.82	7.06	70.78	71.13	84
G _{CIE}	49.0	-35.95	4.34	36.22	173
B _{CIE}	25.14	-17.24	-56.24	58.84	253

%Regularität

 $g^*_{H,rel} = 39$ $g^*_{C,rel} = 43$ $n^* = 0.00$ $n^* = 0.25$ $n^* = 0.50$ $n^* = 0.75$ $n^* = 1.0$ $n^* = 1.0$ $n^* = 1.0$ $n^* = 1.0$ $n^* = 1.0$ $n^* = 1.0$ $n^* = 1.0$ $n^* = 1.0$ $n^* = 1.0$ $n^* = 1.0$ $n^* = 1.0$ $n^* = 1.0$ $n^* = 1.0$ $n^* = 1.0$ $n^* = 1.0$ $n^* = 1.0$

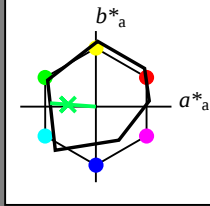
Eingabe: Farbmetrisches Offset-Reflektiv-System ORS18

für Buntton $h^* = lab^*h = 176/360 = 0.488$ lab^*ch und lab^*nch

A: Buntton G

LCH*Ma: 51 61 176

olv*Ma: 0.0 1.0 0.33

Dreiecks-Helligkeit t^* 

%Umfang

 $u^*_{rel} = 96$

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)

olv8* 0.0 0.0 0.0 (0.0)

olv9* 0.0 0.0 0.0 (0.0)

olv10* 0.0 0.0 0.0 (0.0)

standard and adapted CIELAB

LAB*LAB 95.6 0.43 4.65

LAB*LAB 95.6 0.43 4.65

LAB*LAB 95.6 0.43 4.65

LAB*LAB 95.6 0.43 4.65

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)

olv4* 0.25 0.25 0.25 (0.0)

olv5* 1.0 1.0 1.0 (0.75)

olv6* 0.0 0.0 0.0 (0.0)

olv7* 0.0 0.0 0.0 (0.0)

olv8* 0.0 0.0 0.0 (0.0)

olv9* 0.0 0.0 0.0 (0.0)

olv10* 0.0 0.0 0.0 (0.0)

standard and adapted CIELAB

LAB*LAB 76.23 0.62 3.36

LAB*LAB 76.23 0.62 3.36

LAB*LAB 76.23 0.62 3.36

LAB*LAB 76.23 0.62 3.36

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)

olv4* 0.5 0.5 0.5 (0.0)

olv5* 1.0 1.0 1.0 (0.5)

olv6* 0.0 0.0 0.0 (0.0)

olv7* 0.0 0.0 0.0 (0.0)

olv8* 0.0 0.0 0.0 (0.0)

olv9* 0.0 0.0 0.0 (0.0)

olv10* 0.0 0.0 0.0 (0.0)

standard and adapted CIELAB

LAB*LAB 56.86 0.8 2.08

LAB*LAB 56.86 0.8 2.08

LAB*LAB 56.86 0.8 2.08

LAB*LAB 56.86 0.8 2.08

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)

olv4* 0.75 0.75 0.75 (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)

olv8* 0.0 0.0 0.0 (0.0)

olv9* 0.0 0.0 0.0 (0.0)

olv10* 0.0 0.0 0.0 (0.0)

standard and adapted CIELAB

LAB*LAB 37.48 0.8 0.79

LAB*LAB 37.48 0.8 0.79

LAB*LAB 37.48 0.8 0.79

LAB*LAB 37.48 0.8 0.79

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)

olv4* 0.0 0.0 0.0 (1.0)

olv5* 0.0 0.0 0.0 (1.0)

olv6* 0.0 0.0 0.0 (1.0)

olv7* 0.0 0.0 0.0 (1.0)

olv8* 0.0 0.0 0.0 (1.0)

olv9* 0.0 0.0 0.0 (1.0)

olv10* 0.0 0.0 0.0 (1.0)

standard and adapted CIELAB

LAB*LAB 18.12 0.18 0.49

LAB*LAB 18.12 0.18 0.49

LAB*LAB 18.12 0.18 0.49

LAB*LAB 18.12 0.18 0.49

relative CIELAB lab*

lab*lab 0.0 0.0 0.0

lab*ch 0.0 0.0 0.0

lab*nch 0.0 0.0 0.0

relative Natural Colour (NC)

lab*lab 0.0 0.0 0.0

lab*ch 0.0 0.0 0.0

lab*nch 0.0 0.0 0.0

relative Inform. Technology (IT)

olv3* 0.0 0.0 0.0 (1.0)

olv4* 0.0 0.0 0.0 (1.0)

olv5* 0.0 0.0 0.0 (1.0)

olv6* 0.0 0.0 0.0 (1.0)

olv7* 0.0 0.0 0.0 (1.0)

olv8* 0.0 0.0 0.0 (1.0)

olv9* 0.0 0.0 0.0 (1.0)

olv10* 0.0 0.0 0.0 (1.0)

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

LAB*LAB 0.0 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*lab 0.0 0.0 0.0

lab*ch 0.0 0.0 0.0

lab*nch 0.0 0.0 0.0

ORS18; adaptierte CIELAB-Daten

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	64.42	50.58	81.9	38
Y _{Ma}	92.62	2.41	86.36	86.39	88
L _{Ma}	50.9	-63.82	35.02	72.81	151
C _{Ma}	51.25	-53.68	-57.69	78.82	227
V _{Ma}	25.72	30.34	-44.37	53.76	304
M _{Ma}	56.25	70.59	7.57	70.99	6
N _{Ma}	18.11	0.0	0.0	0.0	0
W _{Ma}	95.6	0.0	0.0	0.0	0
R _{CIE}	47.79	60.85	41.08	73.41	34
J _{CIE}	83.82	6.52	66.9	67.22	84
G _{CIE}	49.0	-36.83	2.78	36.95	176
B _{CIE}	25.14	-18.35	-56.22	59.15	252

%Regularität

 $g^*_{H,rel} = -385$ $g^*_{C,rel} = 62$

relative Inform. Technology (IT)

olv3* 0.75 1.0 0.832 (1.0)

olv4* 0.25 0.0 0.168 (0.0)

olv5* 0.75 1.0 0.832 (1.0)

olv6* 0.25 0.0 0.168 (0.0)

olv7* 0.75 1.0 0.832 (1.0)

olv8* 0.25 0.0 0.168 (0.0)

olv9* 0.75 1.0 0.832 (1.0)

olv10* 0.25 0.0 0.168 (0.0)

standard and adapted CIELAB

LAB*LAB 84.45 -14.57 5.06

LAB*LAB 84.45 -14.57 5.06

LAB*LAB 84.45 -14.57 5.06

LAB*LAB 84.45 -14.57 5.06

relative CIELAB lab*

lab*lab 0.856 -0.249 0.019

lab*ch 0.875 0.25 0.488

lab*nch 0.0 0.25 0.488

relative Natural Colour (NC)

lab*lab 0.856 -0.249 0.019

lab*ch 0.875 0.25 0.488

lab*nch 0.0 0.25 0.488

relative Inform. Technology (IT)

olv3* 0.5 0.75 0.5 (1.0)

olv4* 0.25 0.25 0.5 (0.0)

olv5* 0.75 1.0 0.832 (0.75)

olv6* 0.25 0.0 0.168 (0.0)

olv7* 0.75 1.0 0.832 (0.75)

olv8* 0.25 0.0 0.168 (0.0)

olv9* 0.75 1.0 0.832 (0.75)

olv10* 0.25 0.0 0.168 (0.0)

standard and adapted CIELAB

LAB*LAB 65.08 -14.39 3.77

LAB*LAB 65.08 -14.39 3.77

LAB*LAB 65.08 -14.39 3.77

LAB*LAB 65.08 -14.39 3.77

relative CIELAB lab*

lab*lab 0.625 0.25 0.3

lab*ch 0.625 0.25 0.3

lab*nch 0.0 0.25 0.3

relative Natural Colour (NC)

lab*lab 0.625 0.25 0.3

lab*ch 0.625 0.25 0.3

lab*nch 0.0 0.25 0.3

relative Inform. Technology (IT)

olv3* 0.25 0.75 0.418 (1.0)

olv4* 0.75 0.25 0.586 (0.0)

olv5* 0.5 1.0 0.664 (0.75)

olv6* 0.25 0.0 0.336 (0.25)

olv7* 0.75 1.0 0.664 (0.75)

olv8* 0.25 0.0 0.336 (0.25)

olv9* 0.75 1.0 0.664 (0.75)

olv10* 0.25 0.0 0.336 (0.25)

standard and adapted CIELAB

LAB*LAB 53.93 -30.24 2.28

LAB*LAB 53.93 -30.24 2.28

LAB*LAB 53.93 -30.24 2.28

LAB*LAB 53.93 -30.24 2.28

relative CIELAB lab*

lab*lab 0.568 -0.747 0.056

lab*ch 0.625 0.75 0.488

lab*nch 0.0 0.75 0.488

relative Natural Colour (NC)

lab*lab 0.568 -0.747 0.056

lab*ch 0.625 0.75 0.488

lab*nch 0.0 0.75 0.488

relative Inform. Technology (IT)

olv3* 0.0 0.75 0.248 (1.0)

olv4* 0.75 0.25 0.586 (0.0)

olv5* 0.5 1.0 0.664 (0.75)

olv6* 0.25 0.0 0.336 (0.25)

olv7* 0.75 1.0 0.664 (0.75)

olv8* 0.25 0.0 0.336 (0.25)

olv9* 0.75 1.0 0.664 (0.75)

olv10* 0.25 0.0 0.336 (0.25)

standard and adapted CIELAB

LAB*LAB 33.93 -30.24 2.28

LAB*LAB 33.93 -30.24 2.28

LAB*LAB 33.93 -30.24 2.28

LAB*LAB 33.93 -30.24 2.28

relative CIELAB lab*

lab*lab 0.319 -0.747 0.056

lab*ch 0.375 0.75 0.488

lab*nch 0.0 0.75 0.488

relative Natural Colour (NC)

lab*lab 0.319 -0.747 0.056

lab*ch 0.375 0.75 0.488

lab*nch 0.0 0.75 0.488

relative Inform. Technology (IT)

olv3* 0.0 0.5 0.168 (1.0)

olv4* 0.5 0.25 0.832 (0.0)

olv5* 0.25 1.0 0.664 (0.75)

olv6* 0.0 0.25 0.336 (0.25)

olv7* 0.5 1.0 0.664 (0.75)

olv8* 0.0 0.25 0.336 (0.25)

olv9* 0.5 1.0 0.664 (0.75)

olv10* 0.0 0.25 0.336 (0.25)

standard and adapted CIELAB

LAB*LAB 24.71 -29.21 2.48

LAB*LAB 24.71 -29.21 2.48

LAB*LAB 24.71 -29.21 2.48

LAB*LAB 24.71 -29.21 2.48

relative CIELAB lab*

lab*lab 0.106 -0.248 0.019

lab*ch 0.125 0.25 0.488

lab*nch 0.0 0.25 0.488

relative Natural Colour (NC)

lab*lab 0.106 -0.248 0.019

lab*ch 0.125 0.25 0.488

lab*nch 0.0 0.25 0.488

relative Inform. Technology (IT)

olv3* 0.25 0.5 0.496 (1.0)

olv4* 0.75 0.25 0.504 (0.0)

olv5* 0.25 1.0 0.496 (0.75)

olv6* 0.75 0.0 0.504 (0.25)

olv7* 0.25 0.5 0.496 (1.0)

olv8* 0.75 0.25 0.504 (0.0)

olv9* 0.25 1.0 0.496 (0.75)

olv10* 0.75 0.0 0.504 (0.25)

standard and adapted CIELAB

LAB*LAB 62.16 -44.61 5.85

LAB*LAB 62.16 -44.61 5.85

LAB*LAB 62.16 -44.61 5.85

LAB*LAB 62.16 -44.61 5.85

relative CIELAB lab*

lab*lab 0.568 -0.747 0.056

lab*ch 0.625 0.75 0.488

lab*nch 0.0 0.75 0.488

relative Natural Colour (NC)

lab*lab 0.568 -0.747 0.056

lab*ch 0.625 0.75 0.488

lab*nch 0.0 0.75 0.488

relative Inform. Technology (IT)

olv3* 0.0 0.75 0.248 (1.0)

olv4* 0.75 0.25 0.586 (0.0)

olv5* 0.5 1.0 0.664 (0.75)

olv6* 0.25 0.0 0.336 (0.25)

olv7* 0.75 1.0 0.664 (0.75)

olv8* 0.25 0.0 0.336 (0.25)

olv9* 0.75 1.0 0.664 (0.75)

olv10* 0.25 0.0 0.336 (0.25)

standard and adapted CIELAB

LAB*LAB 33.93 -30.24 2.28

LAB*LAB 33.93 -30.24 2.28

LAB*LAB 33.93 -30.24 2.28

LAB*LAB 33.93 -30.24 2.28

relative CIELAB lab*

lab*lab 0.319 -0.747 0.056

lab*ch 0.375 0.75 0.488

lab*nch 0.0 0.75 0.488

relative Natural Colour (NC)

lab*lab 0.319 -0.747 0.056

lab*ch 0.375 0.75 0.488

lab*nch 0.0 0.75 0.488

relative Inform. Technology (IT)

olv3* 0.25 0.25 0.754 (0.0)

olv4* 0.75 0.75 0.248 (1.0)

olv5* 0.25 1.0 0.664 (0.75)

olv6* 0.75 0.0 0.336 (0.25)

olv7* 0.25 0.25 0.754 (0.0)

olv8* 0.75 0.75 0.248 (1.0)

olv9* 0.25 1.0 0.664 (0.75)

olv10* 0.75 0.0 0.336 (0.25)

standard and adapted CIELAB

LAB*LAB 42.79 -44.42 4.58

LAB*LAB 42.79 -44.42 4.58

LAB*LAB 42.79 -44.42 4.58

LAB*LAB 42.79 -44.42 4.58

relative CIELAB lab*

lab*lab 0.319 -0.747 0.056

lab*ch 0.375 0.75 0.488

lab*nch 0.0 0.75 0.488

relative Natural Colour (NC)

lab*lab 0.319 -0.747 0.056

lab*ch 0.375 0.75 0.488

lab*nch 0.0 0.75 0.488

relative Inform. Technology (IT)

olv3* 0.0 0.5 0.168 (1.0)

olv4* 0.5 0.25 0.832 (0.0)

olv5* 0.25 1.0 0.664 (0.75)

olv6* 0.0 0.25 0.336 (0.25)

olv7* 0.5 1.0 0.664 (0.75)

olv8* 0.0 0.25 0.336 (0.25)

olv9* 0.5 1.0 0.664 (0.75)

olv10* 0.0 0.25 0.336 (0.25)

standard and adapted CIELAB

LAB*LAB 24.71 -29.21 2.48

LAB*LAB 24.71 -29.21 2.48

LAB*LAB 24.71 -29.21 2.48

LAB*LAB 24.71 -29.21 2.48

relative CIELAB lab*

lab*lab 0.106 -0.248 0.019

lab*ch 0.125 0.25 0.488

lab*nch 0.0 0.25 0.488

relative Natural Colour (NC)

lab*lab 0.106 -0.248 0.019

lab*ch 0.125 0.25 0.488

lab*nch 0.0 0.25 0.488

relative Inform. Technology (IT)

olv3* 0.0 0.0 0.0 (1.0)

olv4* 0.0 0.0 0.0 (1.0)

olv5* 0.0 0.0 0.0 (1.0)

olv6* 0.0 0.0 0.0 (1.0)

olv7* 0.0 0.0 0.0 (1.0)

olv8* 0.0 0.0 0.0 (1.0)

olv9* 0.0 0.0 0.0 (1.0)

olv10* 0.0 0.0 0.0 (1.0)

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

LAB*LAB 0.0 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*lab 0.0 0.0 0.0

lab*ch 0.0 0.0 0.0

lab*nch 0.0 0.0 0.0

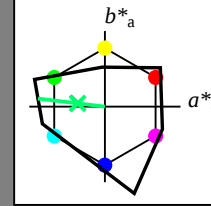
Ausgabe: Farbmetrisches Fernseh-Licht-System TLS00

für Buntton $h^* = lab^*h = 173/360 = 0.481$ lab^*ch und lab^*nch

A: Buntton G

LCH*Ma: 78 89 173

olv*Ma: 0.0 1.0 0.43

Dreiecks-Helligkeit t^* 

%Umfang

 $u^*_{rel} = 141$

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)

olv8* 0.0 0.0 0.0 (0.0)

olv9* 0.0 0.0 0.0 (0.0)

olv10* 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 95.41 0.0 0.0

LAB*LAB 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*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)

olv4* 0.25 0.25 0.25 (0.0)

olv5* 1.0 1.0 1.0 (0.75)

olv6* 0.0 0.0 0.0 (0.0)

olv7* 0.0 0.0 0.0 (0.0)

olv8* 0.0 0.0 0.0 (0.0)

olv9* 0.0 0.0 0.0 (0.0)

olv10* 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 71.57 0.0 0.0

LAB*LAB 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*lab 0.75 0.0 0.0

lab*ch 0.75 0.0 0.0

lab*nch 0.0 0.0 0.0
