

Eingabe: Farbmetrisches Offset-Reflektiv-System ORS18

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

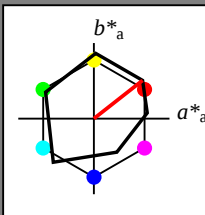
lab^*ich und lab^*nch

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*ich 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*icc 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*ich 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*icc 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*ich 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*icc 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*ich 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*icc 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*ich 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*icc 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	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 32.26 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 0.309
lab*ich 0.75 0.5 0.106
lab*nch 0.0 0.5 0.106
relative Natural Colour (NC)
lab*trj 0.692 0.496 0.064
lab*icc 0.75 0.5 0.082
lab*ncc 0.0 0.5 0.081

relative Inform. Technology (IT)
olv3* 0.75 0.25 0.25 (1.0)
cmyn3* 0.25 0.75 0.75 (0.0)
olv4* 1.0 0.5 0.5 (0.75)
cmyn4* 0.0 0.5 0.5 (0.25)
standard and adapted CIELAB
LAB*LAB 52.4 33.06 27.08
LAB*LAB 52.4 0.0 0.0
LAB*TCa 50.00 40.95 38.14

relative CIELAB lab*
lab*lab 0.442 0.393 0.309
lab*ich 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*icc 0.5 0.5 0.081
lab*ncc 0.0 0.5 0.081

relative Inform. Technology (IT)
olv3* 0.5 0.0 0.0 (1.0)
cmyn3* 0.5 0.5 0.5 (0.0)
olv4* 1.0 0.5 0.5 (0.75)
cmyn4* 0.0 0.5 0.5 (0.25)
standard and adapted CIELAB
LAB*LAB 33.03 32.24 25.28
LAB*LAB 33.03 0.0 0.0
LAB*TCa 25.00 40.94 38.14

relative CIELAB lab*
lab*lab 0.193 0.393 0.309
lab*ich 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*icc 0.25 0.5 0.081
lab*ncc 0.0 0.5 0.081

relative Inform. Technology (IT)
olv3* 0.25 0.0 0.0 (1.0)
cmyn3* 0.75 1.0 1.0 (0.0)
olv4* 1.0 0.5 0.5 (0.75)
cmyn4* 0.0 0.5 0.5 (0.25)
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 0.096 0.197 0.154
lab*ich 0.125 0.25 0.106
lab*nch 0.0 0.5 0.106
relative Natural Colour (NC)
lab*trj 0.096 0.25 0.082
lab*icc 0.125 0.25 0.082
lab*ncc 0.0 0.5 0.082

$n^* = 0.50$

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*ich 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*icc 0.625 0.75 0.082
lab*ncc 0.0 0.75 0.081

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 40.48 49.27 38.93
LAB*LAB 40.48 0.0 0.0
LAB*TCa 37.51 61.42 38.14

relative CIELAB lab*
lab*lab 0.289 0.59 0.463
lab*ich 0.375 0.75 0.106
lab*nch 0.0 0.75 0.106
relative Natural Colour (NC)
lab*trj 0.289 0.744 0.096
lab*icc 0.375 0.75 0.082
lab*ncc 0.0 0.75 0.081

relative Inform. Technology (IT)
olv3* 0.25 0.0 0.0 (1.0)
cmyn3* 0.75 0.5 0.5 (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 23.87 0.0 0.0
LAB*LAB 23.87 0.0 0.0
LAB*TCa 25.00 0.01

relative CIELAB lab*
lab*lab 0.25 0.0 0.0
lab*ich 0.25 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.25 0.0 0.0
lab*icc 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 0.0 0.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 0.03 0.0 0.0
LAB*LAB 0.03 0.0 0.0
LAB*TCa 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*trj 0.0 0.0 0.0
lab*icc 0.0 0.0 0.0
lab*ncc 1.0 0.0 0.0

$n^* = 0.00$

Ausgabe: Farbmetrisches Fernseh-Licht-System TLS00

für Buntton $h^* = lab^*h = 35/360 = 0.097$

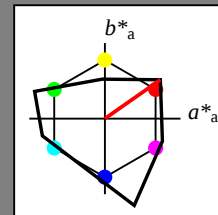
lab^*tch und lab^*nch

A: Buntton O

LCH*Ma: 66 90 35

olv*Ma: 1.0 0.0 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*LAB 95.41 0.0 0.0
LAB*TCa 99.99 0.01

relative CIELAB lab*
lab*lab 1.0 0.0 0.0
lab*ich 1.0 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 1.0 0.0 0.0
lab*icc 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 75.00 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*trj 0.75 0.0 0.0
lab*icc 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 47.72 0.0 0.0
LAB*LAB 47.72 0.0 0.0
LAB*TCa 50.00 0.01

relative CIELAB lab*
lab*lab 0.5 0.0 0.0
lab*ich 0.5 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.5 0.0 0.0
lab*icc 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 32.79 0.0 0.0
LAB*LAB 32.79 0.0 0.0
LAB*TCa 25.00 0.01

relative CIELAB lab*
lab*lab 0.25 0.0 0.0
lab*ich 0.25 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.25 0.0 0.0
lab*icc 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 0.0 0.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 0.03 0.0 0.0
LAB*LAB 0.03 0.0 0.0
LAB*TCa 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*trj 0.0 0.0 0.0
lab*icc 0.0 0.0 0.0
lab*ncc 1.0 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}	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
R _{CIE}	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

$g^*_{H,rel} = 39$

$g^*_{C,rel} = 43$

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 80.48 36.66 25.69
LAB*LAB 80.48 0.0 0.0
LAB*TCa 75.00 44.77 35.02

relative CIELAB lab*
lab*lab 0.843 0.409 0.287
lab*ich 0.75 0.5 0.097
lab*nch 0.0 0.5 0.097
relative Natural Colour (NC)
lab*trj 0.843 0.5 0.007
lab*icc 0.75 0.5 0.002
lab*ncc 0.0 0.5 0.001

relative Inform. Technology (IT)
olv3* 0.75 0.25 0.25 (1.0)
cmyn3* 0.25 0.75 0.75 (0.0)
olv4* 1.0 0.5 0.5 (0.75)
cmyn4* 0.0 0.5 0.5 (0.25)
standard and adapted CIELAB
LAB*LAB 56.64 36.67 25.7
LAB*LAB 56.64 0.0 0.0
LAB*TCa 50.00 44.78 35.02

relative CIELAB lab*
lab*lab 0.516 0.614 0.43
lab*ich 0.625 0.75 0.097
lab*nch 0.0 0.75 0.097
relative Natural Colour (NC)
lab*trj 0.516 0.75 0.01
lab*icc 0.625 0.75 0.002
lab*ncc 0.0 0.75 0.001

relative Inform. Technology (IT)
olv3* 0.5 0.0 0.0 (1.0)
cmyn3* 0.5 0.5 0.5 (0.0)
olv4* 1.0 0.5 0.5 (0.75)
cmyn4* 0.0 0.5 0.5 (0.25)
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*ich 0.375 0.25 0.097
lab*nch 0.0 0.25 0.097
relative Natural Colour (NC)
lab*trj 0.422 0.25 0.003
lab*icc 0.422 0.25 0.002
lab*ncc 0.0 0.25 0.001

relative Inform. Technology (IT)
olv3* 0.25 0.0 0.0 (1.0)
cmyn3* 0.75 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 23.79 0.0 0.0
LAB*LAB 23.79 0.0 0.0
LAB*TCa 25.00 0.01

relative CIELAB lab*
lab*lab 0.25 0.0 0.0
lab*ich 0.25 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.25 0.0 0.0
lab*icc 0.25 0.0 0.0
lab*ncc 0.0 0.0 0.0

$n^* = 0.50$

relative Inform. Technology (IT)
olv3* 0.75 0.0 0.0 (1.0)
cmyn3* 0.25 0.75 0.75 (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 32.79 0.0 0.0
LAB*LAB 32.79 0.0 0.0
LAB*TCa 25.00 0.01

relative CIELAB lab*
lab*lab 0.25 0.0 0.0
lab*ich 0.25 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.25 0.0 0.0
lab*icc 0.25 0.0 0.0
lab*ncc 0.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.25 0.0 0.0 (1.0)
cmyn3* 0.75 0.5 0.5 (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 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 0.096 0.197 0.154
lab*ich 0.125 0.25 0.106
lab*nch 0.0 0.5 0.106
relative Natural Colour (NC)
lab*trj 0.096 0.25 0.082
lab*icc 0.125 0.25 0.082
lab*ncc 0.0 0.5 0.082

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 0.0 0.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 0.03 0.0 0.0
LAB*LAB 0.03 0.0 0.0
LAB*TCa 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*trj 0.0 0.0 0.0
lab*icc 0.0 0.0 0.0
lab*ncc 1.0 0.0 0

Eingabe: Farbmetrisches Offset-Reflektiv-System ORS18

für Buntton $h^* = lab^*h = 151/360 = 0.42$

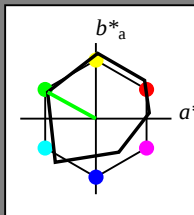
lab^*ich und lab^*nch

A: Buntton L

LCH*Ma: 51 73 151

olv*Ma: 0.0 1.0 0.0

Dreiecks-Helligkeit t^*



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	56.6	0.43	4.65	
LAB*LAB	56.6	0.43	4.65	
LAB*LAB	56.6	0.43	4.65	
LAB*LAB	56.6	0.43	4.65	

relative Inform. Technology (IT)

olv3*	0.75	1.0	0.75	(1.0)
olv3*	0.25	0.0	0.25	(0.0)
olv4*	0.75	1.0	0.75	(1.0)
olv4*	0.25	0.0	0.25	(0.0)
olv4*	0.25	0.0	0.25	(0.0)
standard and adapted CIELAB				
LAB*LAB	84.42	-15.4	12.67	
LAB*LAB	84.42	-15.4	12.67	
LAB*LAB	84.42	-15.4	12.67	
LAB*LAB	84.42	-15.4	12.67	

relative Inform. Technology (IT)

olv3*	0.75	1.0	0.75	(1.0)
olv3*	0.25	0.0	0.25	(0.0)
olv4*	0.75	1.0	0.75	(1.0)
olv4*	0.25	0.0	0.25	(0.0)
olv4*	0.25	0.0	0.25	(0.0)
standard and adapted CIELAB				
LAB*LAB	73.25	-31.9	17.51	
LAB*LAB	73.25	-31.9	17.51	
LAB*LAB	73.25	-31.9	17.51	
LAB*LAB	73.25	-31.9	17.51	

relative Inform. Technology (IT)

olv3*	0.75	1.0	0.75	(1.0)
olv3*	0.25	0.0	0.25	(0.0)
olv4*	0.75	1.0	0.75	(1.0)
olv4*	0.25	0.0	0.25	(0.0)
olv4*	0.25	0.0	0.25	(0.0)
standard and adapted CIELAB				
LAB*LAB	62.07	-47.1	28.69	
LAB*LAB	62.07	-47.1	28.69	
LAB*LAB	62.07	-47.1	28.69	
LAB*LAB	62.07	-47.1	28.69	

relative Inform. Technology (IT)

olv3*	0.75	1.0	0.75	(1.0)
olv3*	0.25	0.0	0.25	(0.0)
olv4*	0.75	1.0	0.75	(1.0)
olv4*	0.25	0.0	0.25	(0.0)
olv4*	0.25	0.0	0.25	(0.0)
standard and adapted CIELAB				
LAB*LAB	50.9	-62.95	36.7	
LAB*LAB	50.9	-62.95	36.7	
LAB*LAB	50.9	-62.95	36.7	
LAB*LAB	50.9	-62.95	36.7	

relative Inform. Technology (IT)

olv3*	0.75	1.0	0.75	(1.0)
olv3*	0.25	0.0	0.25	(0.0)
olv4*	0.75	1.0	0.75	(1.0)
olv4*	0.25	0.0	0.25	(0.0)
olv4*	0.25	0.0	0.25	(0.0)
standard and adapted CIELAB				
LAB*LAB	47.72	0.0	0.0	
LAB*LAB	47.72	0.0	0.0	
LAB*LAB	47.72	0.0	0.0	
LAB*LAB	47.72	0.0	0.0	

relative Inform. Technology (IT)

olv3*	0.75	1.0	0.75	(1.0)
olv3*	0.25	0.0	0.25	(0.0)
olv4*	0.75	1.0	0.75	(1.0)
olv4*	0.25	0.0	0.25	(0.0)
olv4*	0.25	0.0	0.25	(0.0)
standard and adapted CIELAB				
LAB*LAB	47.72	0.0	0.0	
LAB*LAB	47.72	0.0	0.0	
LAB*LAB	47.72	0.0	0.0	
LAB*LAB	47.72	0.0	0.0	

relative Inform. Technology (IT)

olv3*	0.75	1.0	0.75	(1.0)
olv3*	0.25	0.0	0.25	(0.0)
olv4*	0.75	1.0	0.75	(1.0)
olv4*	0.25	0.0	0.25	(0.0)
olv4*	0.25	0.0	0.25	(0.0)
standard and adapted CIELAB				
LAB*LAB	47.72	0.0	0.0	
LAB*LAB	47.72	0.0	0.0	
LAB*LAB	47.72	0.0	0.0	
LAB*LAB	47.72	0.0	0.0	

relative Inform. Technology (IT)

olv3*	0.75	1.0	0.75	(1.0)
olv3*	0.25	0.0	0.25	(0.0)
olv4*	0.75	1.0	0.75	(1.0)
olv4*	0.25	0.0	0.25	(0.0)
olv4*	0.25	0.0	0.25	(0.0)
standard and adapted CIELAB				
LAB*LAB	47.72	0.0	0.0	
LAB*LAB	47.72	0.0	0.0	
LAB*LAB	47.72	0.0	0.0	
LAB*LAB	47.72	0.0	0.0	

relative Inform. Technology (IT)

olv3*	0.75	1.0	0.75	(1.0)
olv3*	0.25	0.0	0.25	(0.0)
olv4*	0.75	1.0	0.75	(1.0)
olv4*	0.25	0.0	0.25	(0.0)
olv4*	0.25	0.0	0.25	(0.0)
standard and adapted CIELAB				
LAB*LAB	47.72	0.0	0.0	
LAB*LAB	47.72	0.0	0.0	
LAB*LAB	47.72	0.0	0.0	
LAB*LAB	47.72	0.0	0.0	

RG500-7, 5 stufige Reihen für konstanten CIELAB Buntton 151/360 = 0.42 (links)

5 stufige Reihen für konstanten CIELAB Buntton 159/360 = 0.441 (rechts)

BAM-Prüfvorlage RG50; Farbmetrik-Systeme ORS18 & ORS18input: olv* setrgbcolor

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

Eingabe: Farbmetrisches Offset-Reflektiv-System ORS18

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

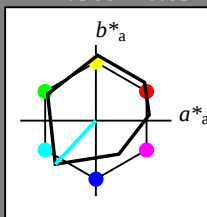
lab^*ich und lab^*nch

A: Buntton C

LCH*Ma: 51 79 227

olv*Ma: 0.0 1.0 1.0

Dreiecks-Helligkeit t^*



%Umfang

$u^*_{rel} = 96$

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	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	0.0	
lab*ich	0.0	0.0	0.0	
lab*nch	0.0	0.0	0.0	
relative Natural Colour (NC)				
lab*ich	1.0	0.0	0.0	
lab*nch	0.0	1.0	0.0	
lab*ich	0.0	0.0	1.0	
lab*nch	0.0	0.0	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 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	0.0	
lab*ich	0.0	0.0	0.0	
lab*nch	0.0	0.0	0.0	
relative Natural Colour (NC)				
lab*ich	0.75	0.0	0.0	
lab*nch	0.0	0.75	0.0	
lab*ich	0.0	0.0	0.75	
lab*nch	0.0	0.0	0.0	

relative Inform. Technology (IT)

olv3*	0.5	0.5	0.5	(0.0)
olv3*	0.5	0.5	0.5	(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	56.86	0.8	2.08	
LAB*LAB	56.86	0.0	0.0	
LAB*LAB	55.00	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	
lab*ich	0.0	0.0	0.0	
lab*nch	0.0	0.0	0.0	
relative Natural Colour (NC)				
lab*ich	0.5	0.0	0.0	
lab*nch	0.0	0.5	0.0	
lab*ich	0.0	0.0	0.5	
lab*nch	0.0	0.0	0.0	

relative Inform. Technology (IT)

olv3*	0.25	0.25	0.25	(1.0)
olv3*	0.75	0.75	0.75	(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	37.49	0.8	0.79	
LAB*LAB	37.49	0.0	0.0	
LAB*LAB	35.00	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	
lab*ich	0.0	0.0	0.0	
lab*nch	0.0	0.0	0.0	
relative Natural Colour (NC)				
lab*ich	0.25	0.0	0.0	
lab*nch	0.0	0.25	0.0	
lab*ich	0.0	0.0	0.25	
lab*nch	0.0	0.0	0.0	

relative Inform. Technology (IT)

olv3*	0.0	0.0	0.0	(1.0)
olv3*	1.0	1.0	1.0	(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	18.12	0.8	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	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*ich	0.0	0.0	0.0	
lab*nch	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)
olv3*	1.0	1.0	1.0	(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*ich	0.0	0.0	0.0	
lab*nch	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*ich	0.0	0.0	0.0	
lab*nch	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

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

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

relative Inform. Technology (IT)

olv3*	0.5	0.5	0.5	(1.0)
olv3*	0.5	0.5	0.5	(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	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	0.75	0.0	0.0	
lab*ich	0.75	0.0	0.0	
lab*nch	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*ich	0.75	0.0	0.0	
lab*nch	0.0	0.75	0.0	
lab*ich	0.0	0.0	0.75	
lab*nch	0.0	0.0	0.0	

relative Inform. Technology (IT)

olv3*	0.0	0.75	0.75	(1.0)
olv3*	0.75	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 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	0.5	0.0	0.0	
lab*ich	0.5	0.0	0.0	
lab*nch	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*ich	0.5	0.0	0.0	
lab*nch	0.0	0.5	0.0	
lab*ich	0.0	0.0	0.5	
lab*nch	0.0	0.0	0.0	

relative Inform. Technology (IT)

olv3*	0.0	0.25	0.25	(1.0)
olv3*	0.75	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 CIELAB				
LAB*LAB	42.97	-39.31	-42.1	
LAB*LAB	42.97	-40.25	-43.26	
LAB*LAB	37.51	59.1	227.06	

relative CIELAB lab*

lab*lab	0.32	0.0	0.0	
lab*ich	0.32	0.0	0.0	
lab*nch	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*ich	0.32	0.0	0.0	
lab*nch	0.0	0.32	0.0	
lab*ich	0.0	0.0	0.32	
lab*nch	0.0	0.0	0.0	

relative Inform. Technology (IT)

olv3*	0.0	0.0	0.0	(1.0)
olv3*	1.0	1.0	1.0	(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	34.68	-25.81	-28.22	
LAB*LAB	34.68	-26.83	-28.84	
LAB*LAB	35.01	39.4	227.06	

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

relative Inform. Technology (IT)

olv3*	0.0	0.0	0.0	(1.0)
olv3*	1.0	1.0	1.0	(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*ich	0.0	0.0	0.0	
lab*nch	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*ich	0.0	0.0	0.0	
lab*nch	0.0	0.0	0.0	
lab*ich	0.0	0.0	0.0	
lab*nch	0.0	0.0	0.0	

Ausgabe: Farbmetrisches Fernseh-Licht-System TLS00

für Buntton $h^* = lab^*h = 195/360 = 0.543$

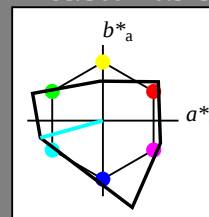
lab^*tch und lab^*nch

A: Buntton C

LCH*Ma: 78 86 195

olv*Ma: 0.0 1.0 1.0

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

Eingabe: Farbmetrisches Offset-Reflektiv-System ORS18

für Buntton $h^* = lab^*h = 304/360 = 0.845$

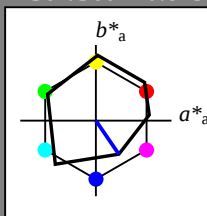
lab^*ch und lab^*nch

A: Buntton V

LCH*Ma: 26 54 304

olv*Ma: 0.0 0.0 1.0

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*ch 1.0 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*tr 1.0 0.0 0.0
lab*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*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*ch 0.75 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*tr 0.75 0.0 0.0
lab*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 (0.0)
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*ch 0.5 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*tr 0.5 0.0 0.0
lab*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 37.48 0.8 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*ch 0.25 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*tr 0.25 0.0 0.0
lab*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 18.12 0.8 0.49
LAB*LABa 18.12 0.0 0.0
LAB*LABb 0.00 0.01 -

relative CIELAB lab*
lab*lab 0.0 0.0 0.0
lab*ch 0.0 0.0 0.0
lab*nch 1.0 0.0 0.0
relative Natural Colour (NC)
lab*tr 0.0 0.0 0.0
lab*tc 0.0 0.0 0.0
lab*ncc 1.0 0.0 0.0

$n^* = 1.0$

relative Inform. Technology (IT)
olv3* 0.75 0.75 0.75 (1.0)
cmyn3* 0.25 0.25 0.25 (0.0)
olv4* 0.75 0.75 0.75 (1.0)
cmyn4* 0.25 0.25 0.25 (0.0)
standard and adapted CIELAB
LAB*LAB 78.13 8.18 -7.58
LAB*LABa 78.13 7.38 -11.08
LAB*LABb 87.5 13.43 304.36

relative CIELAB lab*
lab*lab 0.75 0.141 -0.205
lab*ch 0.875 0.25 0.845
lab*nch 0.0 0.25 0.845
relative Natural Colour (NC)
lab*tr 0.775 0.137 -0.208
lab*tc 0.875 0.25 0.842
lab*ncc 0.0 0.25 0.842

relative Inform. Technology (IT)
olv3* 0.5 0.5 0.5 (1.0)
cmyn3* 0.5 0.5 0.5 (0.0)
olv4* 0.75 0.75 0.75 (0.0)
cmyn4* 0.5 0.5 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 60.66 15.94 -19.84
LAB*LABa 60.66 15.17 -22.17
LAB*LABb 75.0 26.87 304.36

relative CIELAB lab*
lab*lab 0.549 0.282 -0.412
lab*ch 0.75 0.5 0.845
lab*nch 0.0 0.5 0.845
relative Natural Colour (NC)
lab*tr 0.549 0.274 -0.417
lab*tc 0.75 0.5 0.842
lab*ncc 0.0 0.5 0.842

relative Inform. Technology (IT)
olv3* 0.25 0.25 0.25 (1.0)
cmyn3* 0.75 0.75 0.75 (0.0)
olv4* 0.5 0.5 0.5 (0.0)
cmyn4* 0.5 0.5 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 41.29 15.17 -22.18
LAB*LABa 41.29 15.17 -22.18
LAB*LABb 50.0 26.88 304.36

relative CIELAB lab*
lab*lab 0.299 0.282 -0.412
lab*ch 0.5 0.5 0.845
lab*nch 0.0 0.5 0.845
relative Natural Colour (NC)
lab*tr 0.299 0.274 -0.417
lab*tc 0.5 0.5 0.842
lab*ncc 0.0 0.5 0.842

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 1.0 (0.0)
olv4* 0.5 0.5 0.5 (0.0)
cmyn4* 0.5 0.5 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 21.92 15.17 -22.17
LAB*LABa 21.92 15.17 -22.17
LAB*LABb 25.01 26.87 304.36

relative CIELAB lab*
lab*lab 0.049 0.282 -0.412
lab*ch 0.25 0.5 0.845
lab*nch 0.0 0.5 0.845
relative Natural Colour (NC)
lab*tr 0.049 0.274 -0.417
lab*tc 0.25 0.5 0.842
lab*ncc 0.0 0.5 0.842

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 1.0 (0.0)
olv4* 0.0 0.0 0.0 (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

$n^* = 0.50$

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

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

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

relative Inform. Technology (IT)
olv3* 0.5 0.5 0.5 (1.0)
cmyn3* 0.5 0.5 0.5 (0.0)
olv4* 0.5 0.5 0.5 (1.0)
cmyn4* 0.5 0.5 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 60.66 15.94 -19.84
LAB*LABa 60.66 15.17 -22.17
LAB*LABb 75.0 26.87 304.36

relative CIELAB lab*
lab*lab 0.549 0.282 -0.412
lab*ch 0.75 0.5 0.845
lab*nch 0.0 0.5 0.845
relative Natural Colour (NC)
lab*tr 0.549 0.274 -0.417
lab*tc 0.75 0.5 0.842
lab*ncc 0.0 0.5 0.842

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (1.0)
cmyn3* 0.75 0.75 0.75 (0.0)
olv4* 0.5 0.5 0.5 (0.0)
cmyn4* 0.5 0.5 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 41.29 15.17 -22.18
LAB*LABa 41.29 15.17 -22.18
LAB*LABb 50.0 26.88 304.36

relative CIELAB lab*
lab*lab 0.299 0.282 -0.412
lab*ch 0.5 0.5 0.845
lab*nch 0.0 0.5 0.845
relative Natural Colour (NC)
lab*tr 0.299 0.274 -0.417
lab*tc 0.5 0.5 0.842
lab*ncc 0.0 0.5 0.842

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 1.0 (0.0)
olv4* 0.5 0.5 0.5 (0.0)
cmyn4* 0.5 0.5 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 21.92 15.17 -22.17
LAB*LABa 21.92 15.17 -22.17
LAB*LABb 25.01 26.87 304.36

relative CIELAB lab*
lab*lab 0.049 0.282 -0.412
lab*ch 0.25 0.5 0.845
lab*nch 0.0 0.5 0.845
relative Natural Colour (NC)
lab*tr 0.049 0.274 -0.417
lab*tc 0.25 0.5 0.842
lab*ncc 0.0 0.5 0.842

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 1.0 (0.0)
olv4* 0.0 0.0 0.0 (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

$n^* = 0.25$

$n^* = 0.00$

$n^* = 0.25$

Schwarzheit n^*

$n^* = 0.50$

$n^* = 0.75$

$n^* = 1.0$

relative Buntheit c^*

$n^* = 0.00$

$n^* = 0.25$

$n^* = 0.50$

$n^* = 0.75$

$n^* = 1.0$

relative Buntheit c^*

$n^* = 1.0$

Ausgabe: Farbmetrisches Fernseh-Licht-System TLS00

für Buntton $h^* = lab^*h = 289/360 = 0.802$

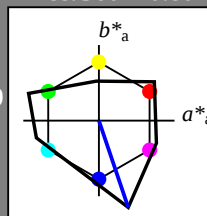
lab^*ch und lab^*nch

A: Buntton V

LCH*Ma: 13 121 289

olv*Ma: 0.0 0.0 1.0

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*ch 1.0 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*tr 1.0 0.0 0.0
lab*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*LABa 71.57 0.0 0.0
LAB*LABb 75.00 0.01 -

relative CIELAB lab*
lab*lab 0.75 0.0 0.0
lab*ch 0.75 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*tr 0.75 0.0 0.0
lab*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 (0.0)
standard and adapted CIELAB
LAB*LAB 50.85 0.8 -0.23
LAB*LABa 50.85 0.7 -0.23
LAB*LABb 50.85 0.7 -0.23

relative CIELAB lab*
lab*lab 0.5 0.0 0.0
lab*ch 0.5 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*tr 0.5 0.0 0.0
lab*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* 0.5 0.5 0.5 (0.0)
cmyn4* 0.5 0.5 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 30.13 19.41 -57.4
LAB*LABa 30.13 19.41 -57.4
LAB*LABb 50.0 26.88 304.36

relative CIELAB lab*
lab*lab 0.25 0.16 -0.473
lab*ch 0.75 0.25 0.802
lab*nch 0.0 0.25 0.802
relative Natural Colour (NC)
lab*tr 0.25 0.16 -0.473
lab*tc 0.75 0.25 0.802
lab*ncc 0.0 0.25 0.802

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 1.0 (0.0)
olv4* 0.5 0.5 0.5 (0.0)
cmyn4* 0.5 0.5 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 12.5 30.29 288.68
LAB*LABa 12.5 30.29 288.68
LAB*LABb 0.0 0.0 0.0

relative CIELAB lab*
lab*lab 0.033 0.08 -0.236
lab*ch 0.125 0.25 0.802
lab*nch 0.0 0.25 0.802
relative Natural Colour (NC)
lab*tr 0.033 0.08 -0.236
lab*tc 0.125 0.25 0.802
lab*ncc 0.0 0.25 0.802

$n^* = 1.0$

relative Inform. Technology (IT)
olv3* 0.5 0.5 0.5 (1.0)
cmyn3* 0.5 0.5 0.5 (0.0)
olv4* 0.5 0.5 0.5 (1.0)
cmyn4* 0.5 0.5 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 60.66 15.94 -19.84
LAB*LABa 60.66 15.17 -22.17
LAB*LABb 75.0 26.87 304.36

relative CIELAB lab*
lab*lab 0.549 0.282 -0.412
lab*ch 0.75 0.5 0.845
lab*nch 0.0 0.5 0.845
relative Natural Colour (NC)
lab*tr 0.549 0.274 -0.417
lab*tc 0.75 0.5 0.842
lab*ncc 0.0 0.5 0.842

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (1.0)
cmyn3* 0.75 0.75 0.75 (0.0)
olv4* 0.5 0.5 0.5 (0.0)
cmyn4* 0.5 0.5 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 41.29 15.17 -22.18
LAB*LABa 41.29 15.17 -22.18
LAB*LABb 50.0 26.88 304.36

relative CIELAB lab*
lab*lab 0.299 0.282 -0.412
lab*ch 0.5 0.5 0.845
lab*nch 0.0 0.5 0.845
relative Natural Colour (NC)
lab*tr 0.299 0.274 -0.417
lab*tc 0.5 0.5 0.842
lab*ncc 0.0 0.5 0.842

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 1.0 (0.0)
olv4* 0.5 0.5 0.5 (0.0)
cmyn4* 0.5 0.5 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 21.92 15.17 -22.17
LAB*LABa 21.92 15.17 -22.17
LAB*LABb 25.01 26.87 304.36

relative CIELAB lab*
lab*lab 0.049 0.282 -0.412
lab*ch 0.25 0.5 0.845
lab*nch 0.0 0.5 0.845
relative Natural Colour (NC)
lab*tr 0.049 0.274 -0.417
lab*tc 0.25 0.5 0.842
lab*ncc 0.0 0.5 0.842

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 1.0 (0.0)
olv4* 0.0 0.0 0.0 (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*ch 0.0 0.0 0.0
lab*nch 1.0 0.0 0.0
relative Natural Colour (NC)
lab*tr 0.0 0.0 0.0
lab*tc 0.0 0.0 0.0
lab*ncc 1.0 0.0 0.0

$n^* = 0.75$

$n^* = 0.50$

$n^* = 0.25$

$n^* = 0.00$

relative Buntheit c^*

$n^* = 1.0$

$n^* = 0.75$

$n^* = 0.50$

$n^* = 0.25$

$n^* = 0.00$

relative Inform. Technology (IT)
olv3* 0.75 0.75 0.75 (1.0)
cmyn3* 0.25 0.25 0.25 (0.0)
olv4* 0.75 0.75 0.75 (1.0)
cmyn4* 0.25 0.25 0.25 (0.0)
standard and adapted CIELAB
LAB*LAB 74.69 9.7 -28.68
LAB*LABa 74.69 9.7 -28.68
LAB*LABb 87.5 30.29 288.68

relative CIELAB lab*
lab*lab 0.783 0.08 -0.236
lab*ch 0.875 0.25 0.802
lab*nch 0.0 0.25 0.802
relative Natural Colour (NC)
lab*tr 0.783 0.08 -0.236
lab*tc 0.875 0.25 0.802
lab*ncc 0.0 0.25 0.802

relative Inform. Technology (IT)
olv3* 0.5 0.5 0.5 (1.0)
cmyn3* 0.5 0.5 0.5 (0.0)
olv4* 0.75 0.75 0.75 (0.0)
cmyn4* 0.5 0.5 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 50.85 0.8 -0.23
LAB*LABa 50.85 0.7 -0.23
LAB*LABb 50.85 0.7 -0.23

relative CIELAB lab*
lab*lab 0.5 0.0 0.0
lab*ch 0.5 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*tr 0.5 0.0 0.0
lab*tc 0.5 0.0 0.0
lab*ncc 0.0 0.0 0.0

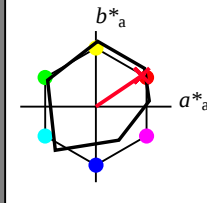
relative Inform. Technology (IT)
olv3* 0.25 0.25 0.25 (1.0)
cmyn3* 0.75 0.75 0.75 (0.0

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

Eingabe: Farbmetrisches Offset-Reflektiv-System ORS18 für Buntton $h^* = lab^*h = 34/360 = 0.095$ lab^*ich und lab^*nch

A: Buntton R
LCH*Ma: 49 79 34
olv*Ma: 1.0 0.0 0.15

Dreiecks-Helligkeit t^*



relative Inform. Technology (IT)
olv3* 1.0 1.0 1.0 (1.0)
cmyn3* 0.0 0.0 0.0 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 95.6 0.43 4.65
LAB*LAB 95.6 0.0 0.0
LAB*TCH 99.9 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*trj 1.0 0.0 0.0
lab*ice 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 76.23 0.62 3.36
LAB*LAB 76.23 0.0 0.0
LAB*TCH 75.0 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*trj 0.75 0.0 0.0
lab*ice 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 56.86 0.8 2.08
LAB*LAB 56.86 0.0 0.0
LAB*TCH 50.0 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*trj 0.5 0.0 0.0
lab*ice 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 37.48 0.8 0.79
LAB*LAB 37.48 0.0 0.0
LAB*TCH 25.0 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*trj 0.25 0.0 0.0
lab*ice 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 18.12 0.8 0.49
LAB*LAB 18.12 0.0 0.0
LAB*TCH 0.0 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*trj 0.0 0.0 0.0
lab*ice 0.0 0.0 0.0
lab*nce 1.0 0.0 0.0

$n^* = 1.0$

ORS18; adaptierte CIELAB-Daten					
	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
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

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

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

relative Inform. Technology (IT)
olv3* 1.0 0.5 0.75 (1.0)
cmyn3* 0.0 0.5 0.25 (0.0)
olv4* 1.0 0.5 0.75 (1.0)
cmyn4* 0.0 0.5 0.25 (0.0)
standard and adapted CIELAB
LAB*LAB 72.39 33.32 25.17
LAB*LAB 72.39 32.67 22.05
LAB*TCH 75.0 39.41 34.02

relative CIELAB lab*
lab*lab 0.7 0.414 0.28
lab*ich 0.75 0.5 0.095
lab*nch 0.0 0.5 0.095
relative Natural Colour (NC)
lab*trj 0.7 0.5 0.0
lab*ice 0.75 0.5 1.0
lab*nce 0.0 0.5 0.999

relative Inform. Technology (IT)
olv3* 0.75 0.25 0.325 (1.0)
cmyn3* 0.25 0.75 0.675 (0.0)
olv4* 1.0 0.5 0.75 (1.0)
cmyn4* 0.0 0.5 0.25 (0.0)
standard and adapted CIELAB
LAB*LAB 53.02 33.52 23.89
LAB*LAB 53.02 32.67 22.06
LAB*TCH 50.0 39.42 34.02

relative CIELAB lab*
lab*lab 0.51 0.622 0.42
lab*ich 0.625 0.75 0.095
lab*nch 0.0 0.75 0.095
relative Natural Colour (NC)
lab*trj 0.51 0.75 0.0
lab*ice 0.625 0.75 1.0
lab*nce 0.0 0.75 0.999

relative Inform. Technology (IT)
olv3* 0.5 0.0 0.15 (1.0)
cmyn3* 0.5 0.0 0.15 (0.0)
olv4* 1.0 0.0 0.15 (1.0)
cmyn4* 0.0 0.0 0.15 (0.0)
standard and adapted CIELAB
LAB*LAB 49.15 66.21 45.68
LAB*LAB 49.15 65.33 44.11
LAB*TCH 50.0 78.83 34.02

relative CIELAB lab*
lab*lab 0.401 0.829 0.559
lab*ich 0.5 1.0 0.095
lab*nch 0.0 1.0 0.095
relative Natural Colour (NC)
lab*trj 0.401 1.0 0.0
lab*ice 0.5 1.0 1.0
lab*nce 0.0 1.0 1.0

relative Inform. Technology (IT)
olv3* 0.25 0.0 0.0 (1.0)
cmyn3* 0.75 0.0 0.0 (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 33.65 32.67 22.06
LAB*LAB 33.65 32.67 22.06
LAB*TCH 25.01 39.42 34.03

relative CIELAB lab*
lab*lab 0.201 0.414 0.28
lab*ich 0.25 0.5 0.095
lab*nch 0.0 0.5 0.095
relative Natural Colour (NC)
lab*trj 0.201 0.5 0.0
lab*ice 0.25 0.5 1.0
lab*nce 0.0 0.5 0.999

$n^* = 0.50$

relative Inform. Technology (IT)
olv3* 1.0 0.25 0.363 (1.0)
cmyn3* 0.0 0.25 0.363 (0.0)
olv4* 1.0 0.25 0.363 (1.0)
cmyn4* 0.0 0.25 0.363 (0.0)
standard and adapted CIELAB
LAB*LAB 60.79 49.77 35.43
LAB*LAB 60.79 49.0 33.08
LAB*TCH 62.5 59.12 34.02

relative CIELAB lab*
lab*lab 0.551 0.622 0.42
lab*ich 0.625 0.75 0.095
lab*nch 0.0 0.75 0.095
relative Natural Colour (NC)
lab*trj 0.551 0.75 0.0
lab*ice 0.625 0.75 1.0
lab*nce 0.0 0.75 0.999

relative Inform. Technology (IT)
olv3* 0.75 0.0 0.118 (1.0)
cmyn3* 0.25 0.0 0.118 (0.0)
olv4* 1.0 0.0 0.118 (1.0)
cmyn4* 0.0 0.0 0.118 (0.0)
standard and adapted CIELAB
LAB*LAB 41.42 49.36 34.14
LAB*LAB 41.42 49.0 33.08
LAB*TCH 37.51 59.13 34.03

relative CIELAB lab*
lab*lab 0.301 0.622 0.42
lab*ich 0.375 0.75 0.095
lab*nch 0.0 0.75 0.095
relative Natural Colour (NC)
lab*trj 0.301 0.75 0.0
lab*ice 0.375 0.75 1.0
lab*nce 0.25 0.75 0.999

$n^* = 0.25$

Schwarzheit n^*

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 0.0 0.0 (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*TCH 0.0 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*trj 0.0 0.0 0.0
lab*ice 0.0 0.0 0.0
lab*nce 1.0 0.0 0.0

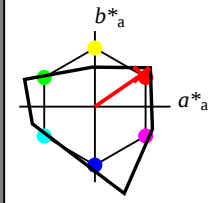
$n^* = 0.00$

relative Buntheit c^*

Ausgabe: Farbmetrisches Fernseh-Licht-System TLS00 für Buntton $h^* = lab^*h = 35/360 = 0.096$ lab^*tch und lab^*nch

A: Buntton R
LCH*Ma: 66 89 35
olv*Ma: 1.0 0.0 0.01

Dreiecks-Helligkeit t^*



relative Inform. Technology (IT)
olv3* 1.0 1.0 1.0 (1.0)
cmyn3* 0.0 0.0 0.0 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 95.41 0.0 0.0
LAB*LAB 95.41 0.0 0.0
LAB*TCH 99.9 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*trj 1.0 0.0 0.0
lab*ice 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 71.57 0.0 0.0
LAB*LAB 71.57 0.0 0.0
LAB*TCH 75.0 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*trj 0.75 0.0 0.0
lab*ice 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 47.72 0.0 0.0
LAB*LAB 47.72 0.0 0.0
LAB*TCH 50.0 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*trj 0.5 0.0 0.0
lab*ice 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 23.87 0.0 0.0
LAB*LAB 23.87 0.0 0.0
LAB*TCH 25.0 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*trj 0.25 0.0 0.0
lab*ice 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 0.0 0.0 0.0
LAB*LAB 0.0 0.0 0.0
LAB*TCH 0.0 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*trj 0.0 0.0 0.0
lab*ice 0.0 0.0 0.0
lab*nce 1.0 0.0 0.0

$n^* = 1.0$

5 stufige Reihen für konstanten CIELAB Buntton 35/360 = 0.096 (rechts)

RG500-7, 5 stufige Reihen für konstanten CIELAB Buntton 34/360 = 0.095 (links)

BAM-Prüfvorlage RG50; Farbmetrik-Systeme ORS18 & ORS18 input: $olv^*_{setrgbcolor}$
A: 2 Koordinatendaten; 5stufige Farbreihen für 10 Bunttöne
output: *Startup (S) data dependend*

Eingabe: Farbmetrisches Offset-Reflektiv-System ORS18

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

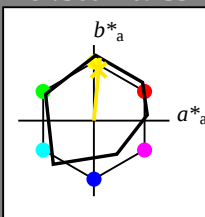
lab^*ich und lab^*nch

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*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 0.0
relative Natural Colour (NC)
lab*trj 1.0 0.0 0.0
lab*ice 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 76.23 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 0.25 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.75 0.0 0.0
lab*ice 0.75 0.0 0.0
lab*nce 0.25 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.5 0.5 0.5 (0.0)
cmyn3* 0.5 0.5 0.5 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
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*ich 0.5 0.0 0.0
lab*nch 0.5 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.5 0.0 0.0
lab*ice 0.5 0.0 0.0
lab*nce 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 37.48 0.79 1.79
LAB*Lab 37.48 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 0.25 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.25 0.0 0.0
lab*ice 0.25 0.0 0.0
lab*nce 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 18.12 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*ich 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*ice 0.0 0.0 0.0
lab*nce 1.0 0.0 0.0

$n^* = 1.0$

ORS18; adaptierte CIELAB-Daten

	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
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 0.954 0.5 (1.0)
cmyn3* 0.0 0.062 0.5 (0.0)
olv4* 1.0 0.954 0.5 (1.0)
cmyn4* 0.0 0.062 0.5 (0.0)
standard and adapted CIELAB
LAB*Lab 92.06 4.04 41.54
LAB*Lab 92.06 0.0 0.0
LAB*Lab 92.06 0.0 0.0

relative CIELAB lab*
lab*lab 0.954 0.048 0.498
lab*ich 0.75 0.5 0.235
lab*nch 0.0 0.5 0.235
relative Natural Colour (NC)
lab*trj 0.954 0.0 0.5
lab*ice 0.75 0.5 0.235
lab*nce 0.0 0.5 0.235

relative Inform. Technology (IT)
olv3* 0.75 0.704 0.25 (1.0)
cmyn3* 0.25 0.296 0.75 (0.0)
olv4* 1.0 0.954 0.5 (1.0)
cmyn4* 0.0 0.062 0.5 (0.0)
standard and adapted CIELAB
LAB*Lab 72.69 4.7 44.68
LAB*Lab 72.69 0.0 0.0
LAB*Lab 72.69 0.0 0.0

relative CIELAB lab*
lab*lab 0.704 0.048 0.498
lab*ich 0.5 0.5 0.235
lab*nch 0.0 0.5 0.235
relative Natural Colour (NC)
lab*trj 0.704 0.0 0.5
lab*ice 0.5 0.5 0.235
lab*nce 0.0 0.5 0.235

relative Inform. Technology (IT)
olv3* 0.5 0.454 0.0 (1.0)
cmyn3* 0.5 0.523 0.75 (0.0)
olv4* 1.0 0.957 0.75 (1.0)
cmyn4* 0.0 0.062 0.5 (0.0)
standard and adapted CIELAB
LAB*Lab 55.09 2.85 22.74
LAB*Lab 55.09 0.0 0.0
LAB*Lab 55.09 0.0 0.0

relative CIELAB lab*
lab*lab 0.477 0.024 0.249
lab*ich 0.375 0.25 0.235
lab*nch 0.25 0.25 0.235
relative Natural Colour (NC)
lab*trj 0.477 0.0 0.25
lab*ice 0.375 0.25 0.235
lab*nce 0.25 0.25 0.235

relative Inform. Technology (IT)
olv3* 0.25 0.454 0.0 (1.0)
cmyn3* 0.75 0.773 1.0 (0.0)
olv4* 1.0 0.957 0.75 (1.0)
cmyn4* 0.0 0.062 0.5 (0.0)
standard and adapted CIELAB
LAB*Lab 33.12 4.89 43.30
LAB*Lab 33.12 0.0 0.0
LAB*Lab 33.12 0.0 0.0

relative CIELAB lab*
lab*lab 0.454 0.048 0.498
lab*ich 0.25 0.5 0.235
lab*nch 0.0 0.5 0.235
relative Natural Colour (NC)
lab*trj 0.454 0.0 0.25
lab*ice 0.25 0.5 0.235
lab*nce 0.0 0.5 0.235

$n^* = 0.50$

relative Inform. Technology (IT)
olv3* 1.0 0.931 0.25 (1.0)
cmyn3* 0.0 0.062 0.5 (0.0)
olv4* 1.0 0.931 0.25 (1.0)
cmyn4* 0.0 0.062 0.5 (0.0)
standard and adapted CIELAB
LAB*Lab 90.29 6.54 66.61
LAB*Lab 90.29 0.0 0.0
LAB*Lab 90.29 0.0 0.0

relative CIELAB lab*
lab*lab 0.931 0.073 0.746
lab*ich 0.625 0.75 0.235
lab*nch 0.0 0.75 0.235
relative Natural Colour (NC)
lab*trj 0.931 0.0 0.75
lab*ice 0.625 0.75 0.235
lab*nce 0.0 0.75 0.235

relative Inform. Technology (IT)
olv3* 0.75 0.681 0.0 (1.0)
cmyn3* 0.25 0.092 1.0 (0.0)
olv4* 1.0 0.908 0.0 (1.0)
cmyn4* 0.0 0.062 0.5 (0.0)
standard and adapted CIELAB
LAB*Lab 88.52 8.58 87.26
LAB*Lab 88.52 0.0 0.0
LAB*Lab 88.52 0.0 0.0

relative CIELAB lab*
lab*lab 0.681 0.097 0.995
lab*ich 0.5 1.0 0.235
lab*nch 0.0 1.0 0.235
relative Natural Colour (NC)
lab*trj 0.681 0.0 1.0
lab*ice 0.5 1.0 0.235
lab*nce 0.0 1.0 0.235

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 47.72 0.0 0.0
LAB*Lab 47.72 0.0 0.0
LAB*Lab 47.72 0.0 0.0

relative CIELAB lab*
lab*lab 0.5 0.0 0.0
lab*ich 0.5 0.0 0.0
lab*nch 0.5 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.5 0.0 0.0
lab*ice 0.5 0.0 0.0
lab*nce 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 23.87 0.0 0.0
LAB*Lab 23.87 0.0 0.0
LAB*Lab 23.87 0.0 0.0

relative CIELAB lab*
lab*lab 0.25 0.0 0.0
lab*ich 0.25 0.0 0.0
lab*nch 0.25 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.25 0.0 0.0
lab*ice 0.25 0.0 0.0
lab*nce 0.25 0.0 0.0

$n^* = 0.00$

Ausgabe: Farbmetrisches Fernseh-Licht-System TLS00

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

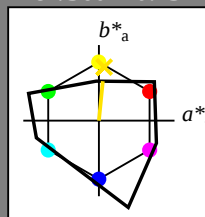
lab^*tch und lab^*nch

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*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*ich 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*ice 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 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*ich 0.75 0.0 0.0
lab*nch 0.25 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.75 0.0 0.0
lab*ice 0.75 0.0 0.0
lab*nce 0.25 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.5 0.5 0.5 (0.0)
cmyn3* 0.5 0.5 0.5 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*Lab 50.01 0.0 0.0
LAB*Lab 50.01 0.0 0.0
LAB*Lab 50.01 0.0 0.0

relative CIELAB lab*
lab*lab 0.5 0.0 0.0
lab*ich 0.5 0.0 0.0
lab*nch 0.5 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.5 0.0 0.0
lab*ice 0.5 0.0 0.0
lab*nce 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 25.00 0.01 -
LAB*Lab 25.00 0.0 0.0
LAB*Lab 25.00 0.0 0.0

relative CIELAB lab*
lab*lab 0.25 0.0 0.0
lab*ich 0.25 0.0 0.0
lab*nch 0.25 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.25 0.0 0.0
lab*ice 0.25 0.0 0.0
lab*nce 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 18.12 0.18 0.49
LAB*Lab 18.12 0.0 0.0
LAB*Lab 18.12 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 1.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.0 0.0 0.0
lab*ice 0.0 0.0 0.0
lab*nce 1.0 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}	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
R _{CIE}	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

$g^*_{H,rel} = 39$

$g^*_{C,rel} = 43$

relative Inform. Technology (IT)
olv3* 1.0 0.943 0.5 (1.0)
cmyn3* 0.0 0.057 0.5 (0.0)
olv4* 1.0 0.943 0.5 (1.0)
cmyn4* 0.0 0.057 0.5 (0.0)
standard and adapted CIELAB
LAB*Lab 93.43 2.59 26.07
LAB*Lab 93.43 0.0 0.0
LAB*Lab 93.43 0.0 0.0

relative CIELAB lab*
lab*lab 0.943 0.057 0.497
lab*ich 0.75 0.5 0.234
lab*nch 0.0 0.5 0.234
relative Natural Colour (NC)
lab*trj 0.943 0.0 0.5
lab*ice 0.75 0.5 0.234
lab*nce 0.0 0.5 0.234

relative Inform. Technology (IT)
olv3* 0.75 0.683 0.25 (1.0)
cmyn3* 0.25 0.307 0.75 (0.0)
olv4* 1.0 0.943 0.5 (1.0)
cmyn4* 0.0 0.057 0.5 (0.0)
standard and adapted CIELAB
LAB*Lab 69.59 2.6 26.07
LAB*Lab 69.59 0.0 0.0
LAB*Lab 69.59 0.0 0.0

relative CIELAB lab*
lab*lab 0.75 0.057 0.498
lab*ich 0.5 0.5 0.234
lab*nch 0.0 0.5 0.234
relative Natural Colour (NC)
lab*trj 0.75 0.0 0.5
lab*ice 0.5 0.5 0.234
lab*nce 0.0 0.5 0.234

relative Inform. Technology (IT)
olv3* 0.5 0.443 0.0 (1.0)
cmyn3* 0.5 0.523 0.75 (0.0)
olv4* 1.0 0.943 0.5 (1.0)
cmyn4* 0.0 0.057 0.5 (0.0)
standard and adapted CIELAB
LAB*Lab 45.74 2.6 26.07
LAB*Lab 45.74 0.0 0.0
LAB*Lab 45.74 0.0 0.0

relative CIELAB lab*
lab*lab 0.443 0.057 0.498
lab*ich 0.25 0.5 0.234
lab*nch 0.0 0.5 0.234
relative Natural Colour (NC)
lab*trj 0.443 0.0 0.5
lab*ice 0.25 0.5 0.234
lab*nce 0.0 0.5 0.234

relative Inform. Technology (IT)
olv3* 0.25 0.443 0.0 (1.0)
cmyn3* 0.75 0.778 1.0 (0.0)
olv4* 1.0 0.943 0.5 (1.0)
cmyn4* 0.0 0.057 0.5 (0.0)
standard and adapted CIELAB
LAB*Lab 22.88 1.3 13.03
LAB*Lab 22.88 0.0 0.0
LAB*Lab 22.88 0.0 0.0

relative CIELAB lab*
lab*lab 0.443 0.057 0.498
lab*ich 0.25 0.5 0.234
lab*nch 0.0 0.5 0.234
relative Natural Colour (NC)
lab*trj 0.443 0.0 0.5
lab*ice 0.25 0.5 0.234
lab*nce 0.0 0.5 0.234

$n^* = 0.50$

relative Inform. Technology (IT)
olv3* 1.0 0.915 0.25 (1.0)
cmyn3* 0.0 0.085 0.75 (0.0)
olv4* 1.0 0.915 0.25 (1.0)
cmyn4* 0.0 0.085 0.75 (0.0)
standard and adapted CIELAB
LAB*Lab 92.45 3.89 39.1
LAB*Lab 92.45 0.0 0.0
LAB*Lab 92.45 0.0 0.0

relative CIELAB lab*
lab*lab 0.915 0.074 0.746
lab*ich 0.625 0.75 0.234
lab*nch 0.0 0.75 0.234
relative Natural Colour (NC)
lab*trj 0.915 0.0 0.75
lab*ice 0.625 0.75 0.234
lab*nce 0.0 0.75 0.234

relative Inform. Technology (IT)
olv3* 0.75 0.665 0.0 (1.0)
cmyn3* 0.25 0.335 1.0 (0.0)
olv4* 1.0 0.915 0.25 (1.0)
cmyn4* 0.0 0.085 0.75 (0.0)
standard and adapted CIELAB
LAB*Lab 68.61 3.9 39.1
LAB*Lab 68.61 0.0 0.0
LAB*Lab 68.61 0.0 0.0

relative CIELAB lab*
lab*lab 0.665 0.074 0.746
lab*ich 0.5 1.0 0.234
lab*nch 0.0 1.0 0.234
relative Natural Colour (NC)
lab*trj 0.665 0.0 1.0
lab*ice 0.5 1.0 0.234
lab*nce 0.0 1.0 0.234

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 50.01 0.0 0.0
LAB*Lab 50.01 0.0 0.0
LAB*Lab 50.01 0.0 0.0

relative CIELAB lab*
lab*lab 0.5

