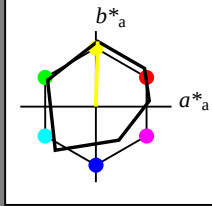


Eingabe: Farbmetrisches Offset-Reflektiv-System ORS18 für Buntton $h^* = lab^*h = 88/360 = 0.246$ lab^*ch und lab^*nch

A: Buntton Y
LCH*Ma: 93 86 88
olv*Ma: 1.0 1.0 0.0

Dreiecks-Helligkeit t^*



relative Inform. Technology (IT)
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*TCRa 99.99 0.01 -

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

relative Inform. Technology (IT)
olv3* 0.75 0.75 0.75 (1.0)
cmyn3* 0.25 0.25 0.25 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 76.23 0.62 3.36
LAB*LAB 76.23 0.0 0.0
LAB*TCRa 75.00 0.01 -

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

relative Inform. Technology (IT)
olv3* 0.5 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*TCRa 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*ce 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 37.49 0.8 0.79
LAB*LAB 37.49 0.0 0.0
LAB*TCRa 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*ce 0.25 0.0 0.0 -
lab*nce 0.0 0.0 0.0 -

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 1.0 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 18.12 0.8 0.49
LAB*LAB 18.12 0.0 0.0
LAB*TCRa 0.01 0.01 -

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

$n^* = 1.0$

relative Inform. Technology (IT)
olv3* 1.0 1.0 0.75 (1.0)
cmyn3* 0.0 0.0 0.0 (0.0)
olv4* 1.0 1.0 0.75 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 94.85 1.04 26.19
LAB*LAB 94.85 0.0 21.58
LAB*TCRa 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*tr 0.99 -0.016 0.249
lab*ce 0.875 0.25 0.261
lab*nce 0.0 0.25 0.048

relative Inform. Technology (IT)
olv3* 0.75 0.75 0.5 (1.0)
cmyn3* 0.25 0.25 0.5 (0.0)
olv4* 1.0 1.0 0.75 (1.0)
cmyn4* 0.0 0.0 0.25 (0.0)
standard and adapted CIELAB
LAB*LAB 75.48 1.23 24.91
LAB*LAB 75.48 0.0 21.59
LAB*TCRa 62.5 21.6 88.4

relative CIELAB lab*
lab*lab 0.74 0.007 0.25
lab*ch 0.625 0.25 0.246
lab*nch 0.25 0.25 0.246
relative Natural Colour (NC)
lab*tr 0.74 -0.016 0.249
lab*ce 0.625 0.25 0.261
lab*nce 0.25 0.25 0.048

relative Inform. Technology (IT)
olv3* 0.5 0.5 0.25 (1.0)
cmyn3* 0.5 0.5 0.25 (0.0)
olv4* 1.0 1.0 0.5 (1.0)
cmyn4* 0.0 0.0 0.25 (0.0)
standard and adapted CIELAB
LAB*LAB 56.11 1.42 23.62
LAB*LAB 56.11 0.0 21.59
LAB*TCRa 37.5 21.6 88.4

relative CIELAB lab*
lab*lab 0.43 0.007 0.25
lab*ch 0.375 0.25 0.246
lab*nch 0.25 0.25 0.246
relative Natural Colour (NC)
lab*tr 0.43 -0.016 0.249
lab*ce 0.375 0.25 0.261
lab*nce 0.25 0.25 0.048

relative Inform. Technology (IT)
olv3* 0.25 0.25 0.0 (1.0)
cmyn3* 0.75 0.75 1.0 (0.0)
olv4* 1.0 1.0 0.25 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 25.37 2.02 43.01
LAB*LAB 25.37 0.0 21.59
LAB*TCRa 25.00 43.19 88.4

relative CIELAB lab*
lab*lab 0.481 0.014 0.5
lab*ch 0.25 0.5 0.246
lab*nch 0.0 0.5 0.246
relative Natural Colour (NC)
lab*tr 0.481 -0.033 0.499
lab*ce 0.25 0.5 0.261
lab*nce 0.0 0.5 0.048

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 0.0 (0.0)
olv4* 1.0 1.0 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*TCRa 0.01 0.01 -

$n^* = 0.50$

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
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

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

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

$n^* = 0.00$

$n^* = 0.25$

$n^* = 0.50$

$n^* = 0.75$

$n^* = 1.0$

$n^* = 1.0$

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$n^* = 1.0$

Eingabe: Farbmetrisches Offset-Reflektiv-System ORS18

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

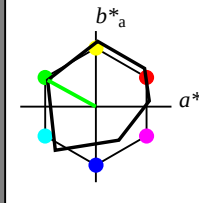
lab^*ch und lab^*nch

A: Buntton L

LCH*Ma: 51 73 151

olv*Ma: 0.0 1.0 0.0

Dreiecks-Helligkeit t^*



%Umfang

$u_{rel} = 96$

relative Inform. Technology (IT)

olv3* 1.0 1.0 1.0 (1.0)

olv4* 1.0 1.0 1.0 (1.0)

olv5* 1.0 1.0 1.0 (1.0)

olv6* 1.0 1.0 1.0 (1.0)

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

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

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

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

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

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

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 1.0 0.5 (1.0)

olv4* 0.5 1.0 0.5 (1.0)

olv5* 0.5 1.0 0.5 (1.0)

olv6* 0.5 1.0 0.5 (1.0)

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

relative CIELAB lab*

lab*lab 0.712 -0.437 0.24

lab*ch 0.712 -0.437 0.24

lab*nch 0.0 0.0 0.0

relative Natural Colour (NC)

lab*lab 0.712 -0.437 0.24

lab*ch 0.712 -0.437 0.24

lab*nch 0.0 0.0 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

relative CIELAB lab*

lab*lab 0.712 -0.437 0.24

lab*ch 0.712 -0.437 0.24

lab*nch 0.0 0.0 0.0

relative Natural Colour (NC)

lab*lab 0.712 -0.437 0.24

lab*ch 0.712 -0.437 0.24

lab*nch 0.0 0.0 0.0

standard and adapted CIELAB

LAB*LAB 73.25 -31.9 17.51

relative Inform. Technology (IT)

olv3* 0.5 1.0 0.5 (1.0)

olv4* 0.5 1.0 0.5 (1.0)

olv5* 0.5 1.0 0.5 (1.0)

olv6* 0.5 1.0 0.5 (1.0)

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

relative CIELAB lab*

lab*lab 0.567 -0.656 0.361

lab*ch 0.567 -0.656 0.361

lab*nch 0.0 0.0 0.0

relative Natural Colour (NC)

lab*lab 0.567 -0.656 0.361

lab*ch 0.567 -0.656 0.361

lab*nch 0.0 0.0 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

relative CIELAB lab*

lab*lab 0.567 -0.656 0.361

lab*ch 0.567 -0.656 0.361

lab*nch 0.0 0.0 0.0

relative Natural Colour (NC)

lab*lab 0.567 -0.656 0.361

lab*ch 0.567 -0.656 0.361

lab*nch 0.0 0.0 0.0

standard and adapted CIELAB

LAB*LAB 62.07 -47.1 28.69

relative Inform. Technology (IT)

olv3* 0.0 1.0 0.0 (1.0)

olv4* 0.0 1.0 0.0 (1.0)

olv5* 0.0 1.0 0.0 (1.0)

olv6* 0.0 1.0 0.0 (1.0)

standard and adapted CIELAB

LAB*LAB 50.9 -63.82 35.02

LAB*LAB 50.9 -63.82 35.02

LAB*LAB 50.9 -63.82 35.02

relative CIELAB lab*

lab*lab 0.423 -0.876 0.481

lab*ch 0.423 -0.876 0.481

lab*nch 0.0 0.0 0.0

relative Natural Colour (NC)

lab*lab 0.423 -0.876 0.481

lab*ch 0.423 -0.876 0.481

lab*nch 0.0 0.0 0.0

standard and adapted CIELAB

LAB*LAB 50.9 -63.82 35.02

LAB*LAB 50.9 -63.82 35.02

LAB*LAB 50.9 -63.82 35.02

relative CIELAB lab*

lab*lab 0.423 -0.876 0.481

lab*ch 0.423 -0.876 0.481

lab*nch 0.0 0.0 0.0

relative Natural Colour (NC)

lab*lab 0.423 -0.876 0.481

lab*ch 0.423 -0.876 0.481

lab*nch 0.0 0.0 0.0

standard and adapted CIELAB

LAB*LAB 50.9 -63.82 35.02

Ausgabe: Farbmetrisches Fernseh-Licht-System TLS00

für Buntton $h^* = lab^*h = 159/360 = 0.441$

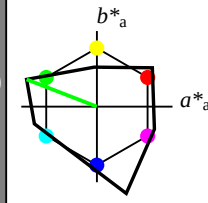
lab^*ch und lab^*nch

A: Buntton L

LCH*Ma: 77 100 159

olv*Ma: 0.0 1.0 0.0

Dreiecks-Helligkeit t^*



%Umfang

$u_{rel} = 141$

relative Inform. Technology (IT)

olv3* 1.0 1.0 1.0 (1.0)

olv4* 1.0 1.0 1.0 (1.0)

olv5* 1.0 1.0 1.0 (1.0)

olv6* 1.0 1.0 1.0 (1.0)

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

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

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

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

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

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

%Regularität

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

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

relative Inform. Technology (IT)

olv3* 0.5 0.5 0.5 (1.0)

olv4* 0.5 0.5 0.5 (1.0)

olv5* 0.5 0.5 0.5 (1.0)

olv6* 0.5 0.5 0.5 (1.0)

standard and adapted CIELAB

LAB*LAB 90.92 -23.23 9.0

LAB*LAB 90.92 -23.23 9.0

LAB*LAB 90.92 -23.23 9.0

relative CIELAB lab*

lab*lab 0.953 -0.232 0.09

lab*ch 0.953 -0.232 0.09

lab*nch 0.0 0.0 0.0

relative Natural Colour (NC)

lab*lab 0.953 -0.232 0.09

lab*ch 0.953 -0.232 0.09

lab*nch 0.0 0.0 0.0

standard and adapted CIELAB

LAB*LAB 90.92 -23.23 9.0

LAB*LAB 90.92 -23.23 9.0

LAB*LAB 90.92 -23.23 9.0

relative CIELAB lab*

lab*lab 0.953 -0.232 0.09

lab*ch 0.953 -0.232 0.09

lab*nch 0.0 0.0 0.0

relative Natural Colour (NC)

lab*lab 0.953 -0.232 0.09

lab*ch 0.953 -0.232 0.09

lab*nch 0.0 0.0 0.0

standard and adapted CIELAB

LAB*LAB 90.92 -23.23 9.0

relative Inform. Technology (IT)

olv3* 0.5 0.5 0.5 (1.0)

olv4* 0.5 0.5 0.5 (1.0)

olv5* 0.5 0.5 0.5 (1.0)

olv6* 0.5 0.5 0.5 (1.0)

standard and adapted CIELAB

LAB*LAB 67.08 -23.24 9.0

LAB*LAB 67.08 -23.24 9.0

LAB*LAB 67.08 -23.24 9.0

relative CIELAB lab*

lab*lab 0.906 -0.483 0.125

lab*ch 0.906 -0.483 0.125

lab*nch 0.0 0.0 0.0

Eingabe: Farbmetrisches Offset-Reflektiv-System ORS18

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

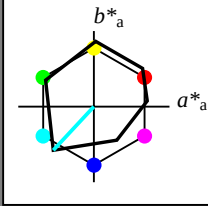
lab^*ch und lab^*nch

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

relative Inform. Technology (IT)
olv3* 0.75 0.75 0.75 (1.0)
cmyn3* 0.25 0.25 0.25 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 76.23 0.62 3.36
LAB*LABa 76.23 0.0 0.0
LAB*LABb 75.0 0.01 -

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

relative Inform. Technology (IT)
olv3* 0.5 0.5 0.5 (0.0)
cmyn3* 0.5 0.5 0.5 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 56.86 0.8 2.08
LAB*LABa 56.86 0.0 0.0
LAB*LABb 50.0 0.01 -

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

relative Inform. Technology (IT)
olv3* 0.25 0.25 0.25 (1.0)
cmyn3* 0.75 0.75 0.75 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 37.49 0.8 0.79
LAB*LABa 37.49 0.0 0.0
LAB*LABb 25.0 0.01 -

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

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 1.0 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
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 0.0 0.01 -

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

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 1.0 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
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 0.01 -

relative CIELAB lab*
lab*lab 0.0 0.0 0.0
lab*ch 0.0 0.0 0.0
lab*nch 1.0 0.0 -
relative Natural Colour (NC)
lab*tr 0.0 0.0 0.0
lab*ce 0.0 0.0 0.0
lab*nce 1.0 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)
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 73.42 -26.18 -25.65
LAB*LABa 73.42 -26.83 -28.84
LAB*LABb 75.0 39.4 227.06

relative CIELAB lab*
lab*lab 0.714 -0.34 -0.365
lab*ch 0.75 0.5 0.631
lab*nch 0.0 0.5 0.631
relative Natural Colour (NC)
lab*tr 0.714 -0.244 -0.435
lab*ce 0.75 0.5 0.668
lab*nce 0.0 0.5 0.676

relative Inform. Technology (IT)
olv3* 0.25 0.25 0.25 (1.0)
cmyn3* 0.75 0.25 0.25 (0.0)
olv4* 0.5 0.5 0.5 (1.0)
cmyn4* 0.5 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 54.05 -26.0 -26.94
LAB*LABa 54.05 -26.83 -28.84
LAB*LABb 50.0 39.4 227.06

relative CIELAB lab*
lab*lab 0.464 -0.34 -0.365
lab*ch 0.5 0.5 0.631
lab*nch 0.0 0.5 0.631
relative Natural Colour (NC)
lab*tr 0.464 -0.244 -0.435
lab*ce 0.5 0.5 0.668
lab*nce 0.0 0.5 0.676

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 0.5 0.5 (0.0)
olv4* 0.5 0.5 0.5 (1.0)
cmyn4* 0.5 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 34.68 -25.81 22.82
LAB*LABa 34.68 -26.83 -28.84
LAB*LABb 25.0 39.4 227.06

relative CIELAB lab*
lab*lab 0.214 -0.34 -0.365
lab*ch 0.25 0.5 0.631
lab*nch 0.0 0.5 0.631
relative Natural Colour (NC)
lab*tr 0.214 -0.244 -0.435
lab*ce 0.25 0.5 0.668
lab*nce 0.0 0.5 0.676

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 0.75 0.75 (0.0)
olv4* 0.5 0.5 0.5 (1.0)
cmyn4* 0.5 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 26.4 -27.1 -14.35
LAB*LABa 26.4 -27.1 -14.35
LAB*LABb 12.5 19.7 227.06

relative CIELAB lab*
lab*lab 0.107 -0.169 -0.182
lab*ch 0.125 0.25 0.631
lab*nch 0.0 0.25 0.631
relative Natural Colour (NC)
lab*tr 0.107 -0.121 -0.217
lab*ce 0.125 0.25 0.668
lab*nce 0.0 0.25 0.676

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*LABa 0.0 0.0 0.0
LAB*LABb 0.0 0.01 -

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

Ausgabe: Farbmetrisches Fernseh-Licht-System TLS00

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

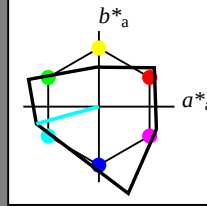
lab^*ch und lab^*nch

A: Buntton C

LCH*Ma: 78 86 195

olv*Ma: 0.0 1.0 1.0

Dreiecks-Helligkeit t^*



relative Inform. Technology (IT)
olv3* 1.0 1.0 1.0 (1.0)
cmyn3* 0.0 0.0 0.0 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 95.41 0.0 0.0
LAB*LABa 95.41 0.0 0.0
LAB*LABb 99.99 0.01 -

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

relative Inform. Technology (IT)
olv3* 0.75 0.75 0.75 (1.0)
cmyn3* 0.25 0.25 0.25 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 71.57 0.0 0.0
LAB*LABa 71.57 0.0 0.0
LAB*LABb 75.0 0.01 -

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

relative Inform. Technology (IT)
olv3* 0.5 0.5 0.5 (0.0)
cmyn3* 0.5 0.5 0.5 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 51.25 -52.81 -55.97
LAB*LABa 51.25 -53.67 -57.68
LAB*LABb 50.0 78.8 227.06

relative CIELAB lab*
lab*lab 0.428 -0.68 -0.731
lab*ch 0.5 0.0 0.631
lab*nch 0.0 0.0 0.631
relative Natural Colour (NC)
lab*tr 0.428 -0.489 -0.871
lab*ce 0.5 0.0 0.876
lab*nce 0.0 0.0 0.876

relative Inform. Technology (IT)
olv3* 0.25 0.25 0.25 (1.0)
cmyn3* 0.75 0.25 0.25 (0.0)
olv4* 0.5 0.5 0.5 (1.0)
cmyn4* 0.5 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 34.68 -25.81 22.82
LAB*LABa 34.68 -26.83 -28.84
LAB*LABb 25.0 78.8 227.06

relative CIELAB lab*
lab*lab 0.321 -0.51 -0.548
lab*ch 0.375 0.5 0.631
lab*nch 0.0 0.5 0.631
relative Natural Colour (NC)
lab*tr 0.321 -0.366 -0.653
lab*ce 0.375 0.5 0.668
lab*nce 0.0 0.5 0.676

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*LABa 0.0 0.0 0.0
LAB*LABb 0.0 0.01 -

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

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 1.0 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
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 0.01 -

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

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

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

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 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 86.88 -41.33 -11.36
LAB*LABa 86.88 -41.33 -11.36
LAB*LABb 75.0 42.88 195.38

relative CIELAB lab*
lab*lab 0.911 -0.481 -0.132
lab*ch 0.75 0.5 0.543
lab*nch 0.0 0.5 0.543
relative Natural Colour (NC)
lab*tr 0.911 -0.452 -0.211
lab*ce 0.75 0.5 0.576
lab*nce 0.0 0.5 0.576

relative Inform. Technology (IT)
olv3* 0.25 0.25 0.25 (1.0)
cmyn3* 0.75 0.25 0.25 (0.0)
olv4* 0.5 0.5 0.5 (1.0)
cmyn4* 0.5 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 63.04 -41.34 -11.37
LAB*LABa 63.04 -41.34 -11.37
LAB*LABb 50.0 42.88 195.38

relative CIELAB lab*
lab*lab 0.866 -0.722 -0.198
lab*ch 0.75 0.5 0.543
lab*nch 0.0 0.5 0.543
relative Natural Colour (NC)
lab*tr 0.866 -0.678 -0.317
lab*ce 0.75 0.5 0.576
lab*nce 0.0 0.5 0.576

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 0.5 0.5 (0.0)
olv4* 0.5 0.5 0.5 (1.0)
cmyn4* 0.5 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 39.19 -26.66 -5.68
LAB*LABa 39.19 -26.66 -5.68
LAB*LABb 25.0 42.88 195.38

relative CIELAB lab*
lab*lab 0.455 -0.24 -0.065
lab*ch 0.375 0.25 0.543
lab*nch 0.0 0.25 0.543
relative Natural Colour (NC)
lab*tr 0.455 -0.225 -0.105
lab*ce 0.375 0.25 0.576
lab*nce 0.0 0.25 0.576

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 0.75 0.75 (0.0)
olv4* 0.5 0.5 0.5 (1.0)
cmyn4* 0.5 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 19.6 -20.66 -5.68
LAB*LABa 19.6 -20.66 -5.68
LAB*LABb 12.5 21.43 195.38

relative CIELAB lab*
lab*lab 0.205 -0.24 -0.065
lab*ch 0.125 0.25 0.543
lab*nch 0.0 0.25 0.543
relative Natural Colour (NC)
lab*tr 0.205 -0.235 -0.105
lab*ce 0.125 0.25 0.576
lab*nce 0.0 0.25 0.576

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*LABa 0.0 0.0 0.0
LAB*LABb 0.0 0.01 -

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

relative Inform. Technology (IT)
olv3* 0.25 0.25 0.25 (1.0)
cmyn3* 0.75 0.25 0.25 (0.0)
olv4* 0.5 0.5 0.5 (1.0)
cmyn4* 0.5 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 39.19 -26.66 -5.68
LAB*LABa 39.19 -26.66 -5.68
LAB*LABb 25.0 42.88 195.38

relative CIELAB lab*
lab*lab 0.411 -0.481 -0.132
lab*ch 0.25 0.5 0.543
lab*nch 0.0 0.5 0.543
relative Natural Colour (NC)
lab*tr 0.411 -0.452 -0.211
lab*ce 0.25 0.5 0.576
lab*nce 0.0 0.5 0.576

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 0.5 0.5 (0.0)
olv4* 0.5 0.5 0.5 (1.0)
cmyn4* 0.5 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 0.0 0.01 -

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

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 1.0 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
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 0.01 -

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

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 1.0 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
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 0.01 -

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

relative Inform. Technology (IT)
olv3* 0.0 0.

Eingabe: Farbmetrisches Offset-Reflektiv-System ORS18

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

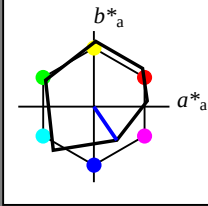
lab^*ch und lab^*nch

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

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

relative Inform. Technology (IT)
olv3* 0.5 0.5 0.5 (0.0)
cmyn3* 0.5 0.5 0.5 (0.0)
olv4* 1.0 1.0 1.0 (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*ch 0.5 0.0 0.0
lab*nch 0.0 0.0 -
relative Natural Colour (NC)
lab*tr 0.5 0.0 0.0
lab*ce 0.5 0.0 0.0
lab*nce 0.0 0.0 -

relative Inform. Technology (IT)
olv3* 0.25 0.25 0.25 (1.0)
cmyn3* 0.75 0.75 0.75 (0.0)
olv4* 1.0 1.0 1.0 (0.5)
cmyn4* 0.0 0.0 0.0 (0.5)
standard and adapted CIELAB
LAB*LAB 37.48 0.8 0.79
LAB*LABa 37.49 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 -
relative Natural Colour (NC)
lab*tr 0.25 0.0 0.0
lab*ce 0.25 0.0 0.0
lab*nce 0.0 0.0 -

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 1.0 (0.0)
olv4* 1.0 1.0 1.0 (0.0)
cmyn4* 0.0 0.0 0.0 (1.0)
standard and adapted CIELAB
LAB*LAB 18.12 0.8 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*ch 0.0 0.0 0.0
lab*nch 1.0 0.0 -
relative Natural Colour (NC)
lab*tr 0.0 0.0 0.0
lab*ce 0.0 0.0 0.0
lab*nce 1.0 0.0 -

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 1.0 (0.0)
olv4* 1.0 1.0 1.0 (0.0)
cmyn4* 0.0 0.0 0.0 (1.0)
standard and adapted CIELAB
LAB*LAB 18.12 0.8 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*ch 0.0 0.0 0.0
lab*nch 1.0 0.0 -
relative Natural Colour (NC)
lab*tr 0.0 0.0 0.0
lab*ce 0.0 0.0 0.0
lab*nce 1.0 0.0 -

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 75.00 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 -0.412
lab*ce 0.75 0.5 0.845
lab*nce 0.0 0.5 0.845

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 50.00 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 -0.412
lab*ce 0.5 0.5 0.845
lab*nce 0.0 0.5 0.845

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 16.31 -33.39
LAB*LABa 21.92 16.31 -33.39
LAB*LABb 37.51 40.31 304.36

relative CIELAB lab*
lab*lab 0.074 0.423 -0.618
lab*ch 0.375 0.75 0.845
lab*nch 0.0 0.75 0.845
relative Natural Colour (NC)
lab*tr 0.074 0.411 -0.626
lab*ce 0.375 0.75 0.845
lab*nce 0.0 0.75 0.845

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 0.949 0.282 -0.412
LAB*LABa 0.949 0.282 -0.412
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 -0.412
lab*ce 0.25 0.5 0.845
lab*nce 0.0 0.5 0.845

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 0.0 0.0 0.0
LAB*LABa 0.0 0.0 0.0
LAB*LABb 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 -
relative Natural Colour (NC)
lab*tr 0.0 0.0 0.0
lab*ce 0.0 0.0 0.0
lab*nce 1.0 0.0 -

Ausgabe: Farbmetrisches Fernseh-Licht-System TLS00

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

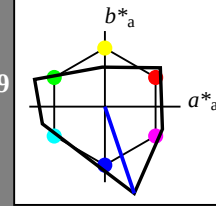
lab^*ch und lab^*nch

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

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 0.5 0.0 0.0
lab*ch 0.75 0.0 0.0
lab*nch 0.0 0.0 -
relative Natural Colour (NC)
lab*tr 0.5 0.0 0.0
lab*ce 0.75 0.0 0.0
lab*nce 0.0 0.0 -

relative Inform. Technology (IT)
olv3* 0.5 0.5 0.5 (0.0)
cmyn3* 0.5 0.5 0.5 (0.0)
olv4* 1.0 1.0 1.0 (0.5)
cmyn4* 0.0 0.0 0.0 (0.5)
standard and adapted CIELAB
LAB*LAB 50.85 9.7 -28.7
LAB*LABa 50.85 9.7 -28.7
LAB*LABb 50.00 30.3 288.68

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

relative Inform. Technology (IT)
olv3* 0.25 0.25 0.25 (1.0)
cmyn3* 0.75 0.75 0.75 (0.0)
olv4* 1.0 1.0 1.0 (0.5)
cmyn4* 0.0 0.0 0.0 (0.5)
standard and adapted CIELAB
LAB*LAB 30.13 19.41 -57.4
LAB*LABa 30.13 19.41 -57.4
LAB*LABb 50.00 60.6 288.68

relative CIELAB lab*
lab*lab 0.25 0.25 0.25 (1.0)
lab*ch 0.75 0.75 0.75 (0.0)
lab*nch 0.0 0.75 0.75 (0.0)
relative Natural Colour (NC)
lab*tr 0.25 0.25 0.25 (1.0)
lab*ce 0.75 0.75 0.75 (0.0)
lab*nce 0.0 0.75 0.75 (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* 0.5 0.5 0.5 (0.0)
cmyn4* 0.5 0.5 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 0.0 0.0 0.0
LAB*LABa 0.0 0.0 0.0
LAB*LABb 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 -
relative Natural Colour (NC)
lab*tr 0.0 0.0 0.0
lab*ce 0.0 0.0 0.0
lab*nce 1.0 0.0 -

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 1.0 (0.0)
olv4* 0.5 0.5 0.5 (0.0)
cmyn4* 0.5 0.5 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 0.0 0.0 0.0
LAB*LABa 0.0 0.0 0.0
LAB*LABb 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 -
relative Natural Colour (NC)
lab*tr 0.0 0.0 0.0
lab*ce 0.0 0.0 0.0
lab*nce 1.0 0.0 -

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

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

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

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 53.98 19.4 -57.39
LAB*LABa 53.98 19.4 -57.39
LAB*LABb 75.00 60.59 288.68

relative CIELAB lab*
lab*lab 0.566 0.16 -0.473
lab*ch 0.75 0.5 0.802
lab*nch 0.0 0.5 0.802
relative Natural Colour (NC)
lab*tr 0.566 0.193 -0.46
lab*ce 0.75 0.5 0.813
lab*nce 0.0 0.5 0.813

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 50.00 60.6 288.68

relative CIELAB lab*
lab*lab 0.25 0.25 0.25 (1.0)
lab*ch 0.75 0.75 0.75 (0.0)
lab*nch 0.0 0.75 0.75 (0.0)
relative Natural Colour (NC)
lab*tr 0.25 0.25 0.25 (1.0)
lab*ce 0.75 0.75 0.75 (0.0)
lab*nce 0.0 0.75 0.75 (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* 0.5 0.5 0.5 (0.0)
cmyn4* 0.5 0.5 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 0.0 0.0 0.0
LAB*LABa 0.0 0.0 0.0
LAB*LABb 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 -
relative Natural Colour (NC)
lab*tr 0.0 0.0 0.0
lab*ce 0.0 0.0 0.0
lab*nce 1.0 0.0 -

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 1.0 (0.0)
olv4* 0.5 0.5 0.5 (0.0)
cmyn4* 0.5 0.5 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 0.0 0.0 0.0
LAB*LABa 0.0 0.0 0.0
LAB*LABb 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 -
relative Natural Colour (NC)
lab*tr 0.0 0.0 0.0
lab*ce 0.0 0.0 0.0
lab*nce 1.0 0.0 -

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 1.0 (0.0)
olv4* 0.5 0.5 0.5 (0.0)
cmyn4* 0.5 0.5 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 0.0 0.0 0.0
LAB*LABa 0.0 0.0 0.0
LAB*LABb 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 -
relative Natural Colour (NC)
lab*tr 0.0 0.0 0.0
lab*ce 0.0 0.0 0.0
lab*nce 1.0 0.0 -

relative Inform. Technology (IT)
olv3* 0.25 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 33.26 29.1 -86.09
LAB*LABa 33.26 29.1 -86.09
LAB*LABb 62.5 90.89 288.68

relative CIELAB lab*
lab*lab 0.349 0.24 -0.709
lab*ch 0.625 0.75 0.802
lab*nch 0.0 0.75 0.802
relative Natural Colour (NC)
lab*tr 0.349 0.289 -0.691
lab*ce 0.625 0.75 0.813
lab*nce 0.0 0.75 0.813

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 12.56 38.8 -114.7
LAB*LABa 12.56 38.8 -114.7
LAB*LABb 50.00 60.6 288.68

relative CIELAB lab*
lab*lab 0.132 0.32 -0.946
lab*ch 0.5 0.0 0.802
lab*nch 0.0 0.0 0.802
relative Natural Colour (NC)
lab*tr 0.132 0.386 -0.921
lab*ce 0.5 0.0 0.813
lab*nce 0.0 0.0 0.813

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 0.0 0.0 0.0
LAB*LABa 0.0 0.0 0.0
LAB*LABb 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 -
relative Natural Colour (NC)
lab*tr 0.0 0.0 0.0
lab*ce 0.0 0.0 0.0
lab*nce 1.0 0.0 -

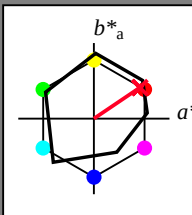
relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 1.0 (0.0)
olv4* 0.5 0.5 0.5 (0.0)
cmyn4* 0.5 0.5 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 0.0 0.0 0.0
LAB*LABa 0.0 0.0 0.0
LAB*LABb 10.00 0.01 -

relative CIELAB

Eingabe: Farbmetrisches Offset-Reflektiv-System ORS18 für Buntton $h^* = lab^*h = 34/360 = 0.095$ lab^*ch 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*LABa 95.6 0.0 0.0
LAB*LABb 95.6 0.0 0.0
LAB*LABc 95.6 0.0 0.0
LAB*LABd 95.6 0.0 0.0
LAB*LABe 95.6 0.0 0.0
LAB*LABf 95.6 0.0 0.0
LAB*LABg 95.6 0.0 0.0
LAB*LABh 95.6 0.0 0.0
LAB*LABi 95.6 0.0 0.0
LAB*LABj 95.6 0.0 0.0
LAB*LABk 95.6 0.0 0.0
LAB*LABl 95.6 0.0 0.0
LAB*LABm 95.6 0.0 0.0
LAB*LABn 95.6 0.0 0.0
LAB*LABo 95.6 0.0 0.0
LAB*LABp 95.6 0.0 0.0
LAB*LABq 95.6 0.0 0.0
LAB*LABr 95.6 0.0 0.0
LAB*LABs 95.6 0.0 0.0
LAB*LABt 95.6 0.0 0.0
LAB*LABu 95.6 0.0 0.0
LAB*LABv 95.6 0.0 0.0
LAB*LABw 95.6 0.0 0.0
LAB*LABx 95.6 0.0 0.0
LAB*LABy 95.6 0.0 0.0
LAB*LABz 95.6 0.0 0.0

relative Inform. Technology (IT)
olv3* 1.0 0.75 0.75 (1.0)
cmyn3* 0.0 0.25 0.25 (0.0)
olv4* 1.0 0.75 0.75 (1.0)
cmyn4* 0.0 0.25 0.25 (0.0)
standard and adapted CIELAB
LAB*LAB 83.99 16.87 14.91
LAB*LABa 83.99 16.87 14.91
LAB*LABb 83.99 16.87 14.91
LAB*LABc 83.99 16.87 14.91
LAB*LABd 83.99 16.87 14.91
LAB*LABe 83.99 16.87 14.91
LAB*LABf 83.99 16.87 14.91
LAB*LABg 83.99 16.87 14.91
LAB*LABh 83.99 16.87 14.91
LAB*LABi 83.99 16.87 14.91
LAB*LABj 83.99 16.87 14.91
LAB*LABk 83.99 16.87 14.91
LAB*LABl 83.99 16.87 14.91
LAB*LABm 83.99 16.87 14.91
LAB*LABn 83.99 16.87 14.91
LAB*LABo 83.99 16.87 14.91
LAB*LABp 83.99 16.87 14.91
LAB*LABq 83.99 16.87 14.91
LAB*LABr 83.99 16.87 14.91
LAB*LABs 83.99 16.87 14.91
LAB*LABt 83.99 16.87 14.91
LAB*LABu 83.99 16.87 14.91
LAB*LABv 83.99 16.87 14.91
LAB*LABw 83.99 16.87 14.91
LAB*LABx 83.99 16.87 14.91
LAB*LABy 83.99 16.87 14.91
LAB*LABz 83.99 16.87 14.91

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 0.62 3.36
LAB*LABb 76.23 0.62 3.36
LAB*LABc 76.23 0.62 3.36
LAB*LABd 76.23 0.62 3.36
LAB*LABe 76.23 0.62 3.36
LAB*LABf 76.23 0.62 3.36
LAB*LABg 76.23 0.62 3.36
LAB*LABh 76.23 0.62 3.36
LAB*LABi 76.23 0.62 3.36
LAB*LABj 76.23 0.62 3.36
LAB*LABk 76.23 0.62 3.36
LAB*LABl 76.23 0.62 3.36
LAB*LABm 76.23 0.62 3.36
LAB*LABn 76.23 0.62 3.36
LAB*LABo 76.23 0.62 3.36
LAB*LABp 76.23 0.62 3.36
LAB*LABq 76.23 0.62 3.36
LAB*LABr 76.23 0.62 3.36
LAB*LABs 76.23 0.62 3.36
LAB*LABt 76.23 0.62 3.36
LAB*LABu 76.23 0.62 3.36
LAB*LABv 76.23 0.62 3.36
LAB*LABw 76.23 0.62 3.36
LAB*LABx 76.23 0.62 3.36
LAB*LABy 76.23 0.62 3.36
LAB*LABz 76.23 0.62 3.36

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 56.86 0.28 1.08
LAB*LABa 56.86 0.28 1.08
LAB*LABb 56.86 0.28 1.08
LAB*LABc 56.86 0.28 1.08
LAB*LABd 56.86 0.28 1.08
LAB*LABe 56.86 0.28 1.08
LAB*LABf 56.86 0.28 1.08
LAB*LABg 56.86 0.28 1.08
LAB*LABh 56.86 0.28 1.08
LAB*LABi 56.86 0.28 1.08
LAB*LABj 56.86 0.28 1.08
LAB*LABk 56.86 0.28 1.08
LAB*LABl 56.86 0.28 1.08
LAB*LABm 56.86 0.28 1.08
LAB*LABn 56.86 0.28 1.08
LAB*LABo 56.86 0.28 1.08
LAB*LABp 56.86 0.28 1.08
LAB*LABq 56.86 0.28 1.08
LAB*LABr 56.86 0.28 1.08
LAB*LABs 56.86 0.28 1.08
LAB*LABt 56.86 0.28 1.08
LAB*LABu 56.86 0.28 1.08
LAB*LABv 56.86 0.28 1.08
LAB*LABw 56.86 0.28 1.08
LAB*LABx 56.86 0.28 1.08
LAB*LABy 56.86 0.28 1.08
LAB*LABz 56.86 0.28 1.08

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 37.49 0.79 0.79
LAB*LABa 37.49 0.79 0.79
LAB*LABb 37.49 0.79 0.79
LAB*LABc 37.49 0.79 0.79
LAB*LABd 37.49 0.79 0.79
LAB*LABe 37.49 0.79 0.79
LAB*LABf 37.49 0.79 0.79
LAB*LABg 37.49 0.79 0.79
LAB*LABh 37.49 0.79 0.79
LAB*LABi 37.49 0.79 0.79
LAB*LABj 37.49 0.79 0.79
LAB*LABk 37.49 0.79 0.79
LAB*LABl 37.49 0.79 0.79
LAB*LABm 37.49 0.79 0.79
LAB*LABn 37.49 0.79 0.79
LAB*LABo 37.49 0.79 0.79
LAB*LABp 37.49 0.79 0.79
LAB*LABq 37.49 0.79 0.79
LAB*LABr 37.49 0.79 0.79
LAB*LABs 37.49 0.79 0.79
LAB*LABt 37.49 0.79 0.79
LAB*LABu 37.49 0.79 0.79
LAB*LABv 37.49 0.79 0.79
LAB*LABw 37.49 0.79 0.79
LAB*LABx 37.49 0.79 0.79
LAB*LABy 37.49 0.79 0.79
LAB*LABz 37.49 0.79 0.79

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 0.0 0.0
LAB*LABa 18.12 0.0 0.0
LAB*LABb 18.12 0.0 0.0
LAB*LABc 18.12 0.0 0.0
LAB*LABd 18.12 0.0 0.0
LAB*LABe 18.12 0.0 0.0
LAB*LABf 18.12 0.0 0.0
LAB*LABg 18.12 0.0 0.0
LAB*LABh 18.12 0.0 0.0
LAB*LABi 18.12 0.0 0.0
LAB*LABj 18.12 0.0 0.0
LAB*LABk 18.12 0.0 0.0
LAB*LABl 18.12 0.0 0.0
LAB*LABm 18.12 0.0 0.0
LAB*LABn 18.12 0.0 0.0
LAB*LABo 18.12 0.0 0.0
LAB*LABp 18.12 0.0 0.0
LAB*LABq 18.12 0.0 0.0
LAB*LABr 18.12 0.0 0.0
LAB*LABs 18.12 0.0 0.0
LAB*LABt 18.12 0.0 0.0
LAB*LABu 18.12 0.0 0.0
LAB*LABv 18.12 0.0 0.0
LAB*LABw 18.12 0.0 0.0
LAB*LABx 18.12 0.0 0.0
LAB*LABy 18.12 0.0 0.0
LAB*LABz 18.12 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*LABa 0.0 0.0 0.0
LAB*LABb 0.0 0.0 0.0
LAB*LABc 0.0 0.0 0.0
LAB*LABd 0.0 0.0 0.0
LAB*LABe 0.0 0.0 0.0
LAB*LABf 0.0 0.0 0.0
LAB*LABg 0.0 0.0 0.0
LAB*LABh 0.0 0.0 0.0
LAB*LABi 0.0 0.0 0.0
LAB*LABj 0.0 0.0 0.0
LAB*LABk 0.0 0.0 0.0
LAB*LABl 0.0 0.0 0.0
LAB*LABm 0.0 0.0 0.0
LAB*LABn 0.0 0.0 0.0
LAB*LABo 0.0 0.0 0.0
LAB*LABp 0.0 0.0 0.0
LAB*LABq 0.0 0.0 0.0
LAB*LABr 0.0 0.0 0.0
LAB*LABs 0.0 0.0 0.0
LAB*LABt 0.0 0.0 0.0
LAB*LABu 0.0 0.0 0.0
LAB*LABv 0.0 0.0 0.0
LAB*LABw 0.0 0.0 0.0
LAB*LABx 0.0 0.0 0.0
LAB*LABy 0.0 0.0 0.0
LAB*LABz 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 33.65 0.25 0.25
LAB*LABa 33.65 0.25 0.25
LAB*LABb 33.65 0.25 0.25
LAB*LABc 33.65 0.25 0.25
LAB*LABd 33.65 0.25 0.25
LAB*LABe 33.65 0.25 0.25
LAB*LABf 33.65 0.25 0.25
LAB*LABg 33.65 0.25 0.25
LAB*LABh 33.65 0.25 0.25
LAB*LABi 33.65 0.25 0.25
LAB*LABj 33.65 0.25 0.25
LAB*LABk 33.65 0.25 0.25
LAB*LABl 33.65 0.25 0.25
LAB*LABm 33.65 0.25 0.25
LAB*LABn 33.65 0.25 0.25
LAB*LABo 33.65 0.25 0.25
LAB*LABp 33.65 0.25 0.25
LAB*LABq 33.65 0.25 0.25
LAB*LABr 33.65 0.25 0.25
LAB*LABs 33.65 0.25 0.25
LAB*LABt 33.65 0.25 0.25
LAB*LABu 33.65 0.25 0.25
LAB*LABv 33.65 0.25 0.25
LAB*LABw 33.65 0.25 0.25
LAB*LABx 33.65 0.25 0.25
LAB*LABy 33.65 0.25 0.25
LAB*LABz 33.65 0.25 0.25

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 1.0 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 0.0 0.0 0.0
LAB*LABa 0.0 0.0 0.0
LAB*LABb 0.0 0.0 0.0
LAB*LABc 0.0 0.0 0.0
LAB*LABd 0.0 0.0 0.0
LAB*LABe 0.0 0.0 0.0
LAB*LABf 0.0 0.0 0.0
LAB*LABg 0.0 0.0 0.0
LAB*LABh 0.0 0.0 0.0
LAB*LABi 0.0 0.0 0.0
LAB*LABj 0.0 0.0 0.0
LAB*LABk 0.0 0.0 0.0
LAB*LABl 0.0 0.0 0.0
LAB*LABm 0.0 0.0 0.0
LAB*LABn 0.0 0.0 0.0
LAB*LABo 0.0 0.0 0.0
LAB*LABp 0.0 0.0 0.0
LAB*LABq 0.0 0.0 0.0
LAB*LABr 0.0 0.0 0.0
LAB*LABs 0.0 0.0 0.0
LAB*LABt 0.0 0.0 0.0
LAB*LABu 0.0 0.0 0.0
LAB*LABv 0.0 0.0 0.0
LAB*LABw 0.0 0.0 0.0
LAB*LABx 0.0 0.0 0.0
LAB*LABy 0.0 0.0 0.0
LAB*LABz 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*LABa 0.0 0.0 0.0
LAB*LABb 0.0 0.0 0.0
LAB*LABc 0.0 0.0 0.0
LAB*LABd 0.0 0.0 0.0
LAB*LABe 0.0 0.0 0.0
LAB*LABf 0.0 0.0 0.0
LAB*LABg 0.0 0.0 0.0
LAB*LABh 0.0 0.0 0.0
LAB*LABi 0.0 0.0 0.0
LAB*LABj 0.0 0.0 0.0
LAB*LABk 0.0 0.0 0.0
LAB*LABl 0.0 0.0 0.0
LAB*LABm 0.0 0.0 0.0
LAB*LABn 0.0 0.0 0.0
LAB*LABo 0.0 0.0 0.0
LAB*LABp 0.0 0.0 0.0
LAB*LABq 0.0 0.0 0.0
LAB*LABr 0.0 0.0 0.0
LAB*LABs 0.0 0.0 0.0
LAB*LABt 0.0 0.0 0.0
LAB*LABu 0.0 0.0 0.0
LAB*LABv 0.0 0.0 0.0
LAB*LABw 0.0 0.0 0.0
LAB*LABx 0.0 0.0 0.0
LAB*LABy 0.0 0.0 0.0
LAB*LABz 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*LABa 0.0 0.0 0.0
LAB*LABb 0.0 0.0 0.0
LAB*LABc 0.0 0.0 0.0
LAB*LABd 0.0 0.0 0.0
LAB*LABe 0.0 0.0 0.0
LAB*LABf 0.0 0.0 0.0
LAB*LABg 0.0 0.0 0.0
LAB*LABh 0.0 0.0 0.0
LAB*LABi 0.0 0.0 0.0
LAB*LABj 0.0 0.0 0.0
LAB*LABk 0.0 0.0 0.0
LAB*LABl 0.0 0.0 0.0
LAB*LABm 0.0 0.0 0.0
LAB*LABn 0.0 0.0 0.0
LAB*LABo 0.0 0.0 0.0
LAB*LABp 0.0 0.0 0.0
LAB*LABq 0.0 0.0 0.0
LAB*LABr 0.0 0.0 0.0
LAB*LABs 0.0 0.0 0.0
LAB*LABt 0.0 0.0 0.0
LAB*LABu 0.0 0.0 0.0
LAB*LABv 0.0 0.0 0.0
LAB*LABw 0.0 0.0 0.0
LAB*LABx 0.0 0.0 0.0
LAB*LABy 0.0 0.0 0.0
LAB*LABz 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* 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 72.39 33.32 25.17
LAB*LABa 72.39 33.32 25.17
LAB*LABb 72.39 33.32 25.17
LAB*LABc 72.39 33.32 25.17
LAB*LABd 72.39 33.32 25.17
LAB*LABe 72.39 33.32 25.17
LAB*LABf 72.39 33.32 25.17
LAB*LABg 72.39 33.32 25.17
LAB*LABh 72.39 33.32 25.17
LAB*LABi 72.39 33.32 25.17
LAB*LABj 72.39 33.32 25.17
LAB*LABk 72.39 33.32 25.17
LAB*LABl 72.39 33.32 25.17
LAB*LABm 72.39 33.32 25.17
LAB*LABn 72.39 33.32 25.17
LAB*LABo 72.39 33.32 25.17
LAB*LABp 72.39 33.32 25.17
LAB*LABq 72.39 33.32 25.17
LAB*LABr 72.39 33.32 25.17
LAB*LABs 72.39 33.32 25.17
LAB*LABt 72.39 33.32 25.17
LAB*LABu 72.39 33.32 25.17
LAB*LABv 72.39 33.32 25.17
LAB*LABw 72.39 33.32 25.17
LAB*LABx 72.39 33.32 25.17
LAB*LABy 72.39 33.32 25.17
LAB*LABz 72.39 33.32 25.17

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 0.75 0.75 (1.0)
cmyn4* 0.0 0.25 0.25 (0.0)
standard and adapted CIELAB
LAB*LAB 60.79 49.77 35.43
LAB*LABa 60.79 49.77 35.43
LAB*LABb 60.79 49.77 35.43
LAB*LABc 60.79 49.77 35.43
LAB*LABd 60.79 49.77 35.43
LAB*LABe 60.79 49.77 35.43
LAB*LABf 60.79 49.77 35.43
LAB*LABg 60.79 49.77 35.43
LAB*LABh 60.79 49.77 35.43
LAB*LABi 60.79 49.77 35.43
LAB*LABj 60.79 49.77 35.43
LAB*LABk 60.79 49.77 35.43
LAB*LABl 60.79 49.77 35.43
LAB*LABm 60.79 49.77 35.43
LAB*LABn 60.79 49.77 35.43
LAB*LABo 60.79 49.77 35.43
LAB*LABp 60.79 49.77 35.43
LAB*LABq 60.79 49.77 35.43
LAB*LABr 60.79 49.77 35.43
LAB*LABs 60.79 49.77 35.43
LAB*LABt 60.79 49.77 35.43
LAB*LABu 60.79 49.77 35.43
LAB*LABv 60.79 49.77 35.43
LAB*LABw 60.79 49.77 35.43
LAB*LABx 60.79 49.77 35.43
LAB*LABy 60.79 49.77 35.43
LAB*LABz 60.79 49.77 35.43

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 0.75 0.75 (1.0)
cmyn4* 0.0 0.25 0.25 (0.0)
standard and adapted CIELAB
LAB*LAB 53.02 33.52 23.89
LAB*LABa 53.02 33.52 23.89
LAB*LABb 53.02 33.52 23.89
LAB*LABc 53.02 33.52 23.89
LAB*LABd 53.02 33.52 23.89
LAB*LABe 53.02 33.52 23.89
LAB*LABf 53.02 33.52 23.89
LAB*LABg 53.02 33.52 23.89
LAB*LABh 53.02 33.52 23.89
LAB*LABi 53.02 33.52 23.89
LAB*LABj 53.02 33.52 23.89
LAB*LABk 53.02 33.52 23.89
LAB*LABl 53.02 33.52 23.89
LAB*LABm 53.02 33.52 23.89
LAB*LABn 53.02 33.52 23.89
LAB*LABo 53.02 33.52 23.89
LAB*LABp 53.02 33.52 23.89
LAB*LABq 53.02 33.52 23.89
LAB*LABr 53.02 33.52 23.89
LAB*LABs 53.02 33.52 23.89
LAB*LABt 53.02 33.52 23.89
LAB*LABu 53.02 33.52 23.89
LAB*LABv 53.02 33.52 23.89
LAB*LABw 53.02 33.52 23.89
LAB*LABx 53.02 33.52 23.89
LAB*LABy 53.02 33.52 23.89
LAB*LABz 53.02 33.52 23.89

relative Inform. Technology (IT)
olv3* 0.5 0.5 0.5 (1.0)
cmyn3* 0.5 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 49.15 66.21 45.68
LAB*LABa 49.15 66.21 45.68
LAB*LABb 49.15 66.21 45.68
LAB*LABc 49.15 66.21 45.68
LAB*LABd 49.15 66.21 45.68
LAB*LABe 49.15 66.21 45.68
LAB*LABf 49.15 66.21 45.68
LAB*LABg 49.15 66.21 45.68
LAB*LABh 49.15 66.21 45.68
LAB*LABi 49.15 66.21 45.68
LAB*LABj 49.15 66.21 45.68
LAB*LABk 49.15 66.21 45.68
LAB*LABl 49.15 66.21 45.68
LAB*LABm 49.15 66.21 45.68
LAB*LABn 49.15 66.21 45.68
LAB*LABo 49.15 66.21 45.68
LAB*LABp 49.15 66.21 45.68
LAB*LABq 49.15 66.21 45.68
LAB*LABr 49.15 66.21 45.68
LAB*LABs 49.15 66.21 45.68
LAB*LABt 49.15 66.21 45.68
LAB*LABu 49.15 66.21 45.68
LAB*LABv 49.15 66.21 45.68
LAB*LABw 49.15 66.21 45.68
LAB*LABx 49.15 66.21 45.68
LAB*LABy 49.15 66.21 45.68
LAB*LABz 49.15 66.21 45.68

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

output: *Startup (S) data dependence*

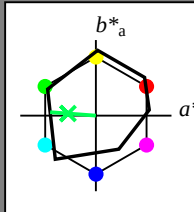
Eingabe: Farbmetrisches Offset-Reflektiv-System ORS18 für Buntton $h^* = lab^*h = 176/360 = 0.488$ lab^*ch und lab^*nch

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)
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 95.6 0.0 0.0
LAB*LAB 95.6 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*tr 1.0 0.0 0.0
lab*ce 1.0 0.0 0.0
lab*nce 0.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.75 0.75 0.75 (1.0)
cmyn3* 0.25 0.25 0.25 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 76.23 0.62 3.36
LAB*LAB 76.23 0.0 0.0
LAB*LAB 76.23 0.0 0.0
LAB*LAB 76.23 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*tr 0.75 0.0 0.0
lab*ce 0.75 0.0 0.0
lab*nce 0.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.5 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 0.2 2.08
LAB*LAB 56.86 0.0 0.0
LAB*LAB 56.86 0.0 0.0
LAB*LAB 56.86 0.0 0.0

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

relative Inform. Technology (IT)
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 0.18 0.79
LAB*LAB 37.48 0.0 0.0
LAB*LAB 37.48 0.0 0.0
LAB*LAB 37.48 0.0 0.0

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

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 1.0 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
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
LAB*LAB 18.12 0.0 0.0

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

$n^* = 1.0$

ORS18; adaptierte CIELAB-Daten

	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
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 1.0 0.5 (1.0)
cmyn3* 0.5 0.0 0.5 (0.0)
olv4* 0.5 1.0 0.5 (1.0)
cmyn4* 0.5 0.0 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 73.3 -29.59 5.45
LAB*LAB 73.3 -30.23 2.28
LAB*LAB 73.3 -30.23 2.28
LAB*LAB 73.3 -30.23 2.28

relative CIELAB lab*
lab*lab 0.712 -0.497 0.038
lab*ch 0.712 -0.497 0.038
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*tr 0.712 -0.497 0.038
lab*ce 0.712 -0.497 0.038
lab*nce 0.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.25 0.75 0.25 (1.0)
cmyn3* 0.75 0.25 0.75 (0.0)
olv4* 0.5 1.0 0.5 (1.0)
cmyn4* 0.5 0.0 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 53.93 -29.41 4.17
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 0.462 -0.499 0.0
lab*ch 0.462 -0.499 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*tr 0.462 -0.499 0.0
lab*ce 0.462 -0.499 0.0
lab*nce 0.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.0 0.5 0.5 (1.0)
cmyn3* 1.0 0.5 0.5 (0.0)
olv4* 0.5 1.0 0.5 (1.0)
cmyn4* 0.5 0.0 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 34.57 -29.21 2.29
LAB*LAB 34.57 -30.23 2.29
LAB*LAB 34.57 -30.23 2.29
LAB*LAB 34.57 -30.23 2.29

relative CIELAB lab*
lab*lab 0.212 -0.497 0.038
lab*ch 0.212 -0.497 0.038
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*tr 0.212 -0.497 0.038
lab*ce 0.212 -0.497 0.038
lab*nce 0.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.5 (1.0)
cmyn3* 1.0 0.0 0.5 (0.0)
olv4* 0.5 1.0 0.5 (1.0)
cmyn4* 0.5 0.0 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 26.34 -15.11 1.15
LAB*LAB 26.34 -15.11 1.15
LAB*LAB 26.34 -15.11 1.15
LAB*LAB 26.34 -15.11 1.15

relative CIELAB lab*
lab*lab 0.106 -0.248 0.019
lab*ch 0.106 -0.248 0.019
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*tr 0.106 -0.248 0.019
lab*ce 0.106 -0.248 0.019
lab*nce 0.0 0.0 0.0

$n^* = 0.50$

relative Inform. Technology (IT)
olv3* 0.25 1.0 0.25 (1.0)
cmyn3* 0.25 0.0 0.25 (0.0)
olv4* 0.25 1.0 0.25 (1.0)
cmyn4* 0.25 0.0 0.25 (0.0)
standard and adapted CIELAB
LAB*LAB 62.16 -44.61 5.85
LAB*LAB 62.16 -45.36 3.43
LAB*LAB 62.16 -45.36 3.43
LAB*LAB 62.16 -45.36 3.43

relative CIELAB lab*
lab*lab 0.568 -0.747 0.056
lab*ch 0.568 -0.747 0.056
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*tr 0.568 -0.747 0.056
lab*ce 0.568 -0.747 0.056
lab*nce 0.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.0 0.75 0.25 (1.0)
cmyn3* 0.75 0.0 0.75 (0.0)
olv4* 0.25 1.0 0.25 (1.0)
cmyn4* 0.25 0.0 0.25 (0.0)
standard and adapted CIELAB
LAB*LAB 51.02 -59.62 6.26
LAB*LAB 51.02 -60.48 4.56
LAB*LAB 51.02 -60.48 4.56
LAB*LAB 51.02 -60.48 4.56

relative CIELAB lab*
lab*lab 0.425 -0.996 0.075
lab*ch 0.425 -0.996 0.075
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*tr 0.425 -0.996 0.075
lab*ce 0.425 -0.996 0.075
lab*nce 0.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.0 0.25 0.25 (1.0)
cmyn3* 0.25 0.0 0.25 (0.0)
olv4* 0.0 1.0 0.0 (1.0)
cmyn4* 0.25 0.0 0.25 (0.0)
standard and adapted CIELAB
LAB*LAB 42.79 -44.42 4.58
LAB*LAB 42.79 -45.36 3.43
LAB*LAB 42.79 -45.36 3.43
LAB*LAB 42.79 -45.36 3.43

relative CIELAB lab*
lab*lab 0.319 -0.747 0.056
lab*ch 0.319 -0.747 0.056
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*tr 0.319 -0.747 0.056
lab*ce 0.319 -0.747 0.056
lab*nce 0.0 0.0 0.0

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

$n^* = 0.00$

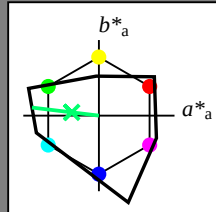
Ausgabe: Farbmetrisches Fernseh-Licht-System TLS00 für Buntton $h^* = lab^*h = 173/360 = 0.481$ lab^*ch und lab^*nch

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)
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 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*tr 1.0 0.0 0.0
lab*ce 1.0 0.0 0.0
lab*nce 0.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.75 0.75 0.75 (1.0)
cmyn3* 0.25 0.25 0.25 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
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*tr 0.75 0.0 0.0
lab*ce 0.75 0.0 0.0
lab*nce 0.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.5 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 51.02 -59.62 6.26
LAB*LAB 51.02 -60.48 4.56
LAB*LAB 51.02 -60.48 4.56
LAB*LAB 51.02 -60.48 4.56

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

relative Inform. Technology (IT)
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 0.18 0.79
LAB*LAB 37.48 0.0 0.0
LAB*LAB 37.48 0.0 0.0
LAB*LAB 37.48 0.0 0.0

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

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 1.0 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
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
LAB*LAB 18.12 0.0 0.0

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

$n^* = 1.0$

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* 0.5 1.0 0.5 (1.0)
cmyn3* 0.5 0.0 0.5 (0.0)
olv4* 0.5 1.0 0.5 (1.0)
cmyn4* 0.5 0.0 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 73.3 -29.59 5.45
LAB*LAB 73.3 -30.23 2.28
LAB*LAB 73.3 -30.23 2.28
LAB*LAB 73.3 -30.23 2.28

relative CIELAB lab*
lab*lab 0.712 -0.497 0.038
lab*ch 0.712 -0.497 0.038
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*tr 0.712 -0.497 0.038
lab*ce 0.712 -0.497 0.038
lab*nce 0.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.25 0.75 0.25 (1.0)
cmyn3* 0.75 0.25 0.75 (0.0)
olv4* 0.5 1.0 0.5 (1.0)
cmyn4* 0.5 0.0 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 53.93 -29.41 4.17
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 0.462 -0.499 0.0
lab*ch 0.462 -0.499 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*tr 0.462 -0.499 0.0
lab*ce 0.462 -0.499 0.0
lab*nce 0.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.0 0.5 0.5 (1.0)
cmyn3* 0.75 0.0 0.75 (0.0)
olv4* 0.25 1.0 0.25 (1.0)
cmyn4* 0.25 0.0 0.25 (0.0)
standard and adapted CIELAB
LAB*LAB 51.02 -59.62 6.26
LAB*LAB 51.02 -60.48 4.56
LAB*LAB 51.02 -60.48 4.56
LAB*LAB 51.02 -60.48 4.56

relative CIELAB lab*
lab*lab 0.425 -0.996 0.075
lab*ch 0.425 -0.996 0.075
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*tr 0.425 -0.996 0.075
lab*ce 0.425 -0.996 0.075
lab*nce 0.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.0 0.25 0.25 (1.0)
cmyn3* 0.25 0.0 0.25 (0.0)
olv4* 0.0 1.0 0.0 (1.0)
cmyn4* 0.25 0.0 0.25 (0.0)
standard and adapted CIELAB
LAB*LAB 42.79 -44.42 4.58
LAB*LAB 42.79 -45.36 3.43
LAB*LAB 42.79 -45.36 3.43
LAB*LAB 42.79 -45.36 3.43

relative CIELAB lab*
lab*lab 0.319 -0.747 0.056
lab*ch 0.319 -0.747 0.056
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*tr 0.319 -0.747 0.056
lab*ce 0.319 -0.747 0.056
lab*nce 0.0 0.0 0.0

$n^* = 0.00$

relative Inform. Technology (IT)
olv3* 0.25 1.0 0.25 (1.0)
cmyn3* 0.25 0.0 0.25 (0.0)
olv4* 0.25 1.0 0.25 (1.0)
cmyn4* 0.25 0.0 0.25 (0.0)
standard and adapted CIELAB
LAB*LAB 62.16 -44.61 5.85
LAB*LAB 62.16 -45.36 3.43
LAB*LAB 62.16 -45.36 3.43
LAB*LAB 62.16 -45.36 3.43

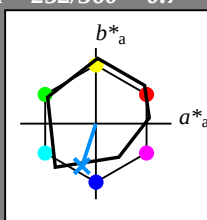
relative CIELAB lab*
lab*lab 0.568 -0.747 0.056
lab*ch 0.568 -0.747 0.056
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*tr 0.568 -0.747 0.056
lab*ce 0.568 -0.747 0.056
lab*nce 0.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.0 0.75 0.25 (1.0)
cmyn3* 0.75 0.0 0.75 (0.0)
olv4* 0.25 1.0 0.25 (1.0)
cmyn4* 0.25 0.0 0.25 (0.0)
standard and adapted CIELAB
LAB*LAB 51.02 -59.62 6.26
LAB*LAB 51.02 -60.48 4.56
LAB*LAB 51.02 -60.48 4.56
LAB*LAB 51.02 -60.48 4.56

Eingabe: Farbmetrisches Offset-Reflektiv-System ORS18 für Buntton $h^* = lab^*h = 252/360 = 0.7$ lab^*ch und lab^*nch

A: Buntton B
LCH*Ma: 40 55 252
olv*Ma: 0.0 0.56 1.0

Dreiecks-Helligkeit t^*



relative Inform. Technology (IT)
olv3* 1.0 1.0 1.0 (1.0)
cmyn3* 0.0 0.0 0.0 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 95.6 0.43 4.65
LAB*LABa 95.6 0.0 0.0
LAB*LABb 95.6 0.0 0.0

relative CIELAB lab*
lab*lab 1.0 0.0 0.0
lab*ch 1.0 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 1.0 0.0 0.0
lab*trc 1.0 0.0 0.0
lab*trn 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 76.23 0.0 0.0

relative CIELAB lab*
lab*lab 0.75 0.0 0.0
lab*ch 0.75 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.75 0.0 0.0
lab*trc 0.75 0.0 0.0
lab*trn 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*LABa 56.86 0.0 0.0
LAB*LABb 56.86 0.0 0.0

relative CIELAB lab*
lab*lab 0.5 0.0 0.0
lab*ch 0.5 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.5 0.0 0.0
lab*trc 0.5 0.0 0.0
lab*trn 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 37.49 0.8 0.79
LAB*LABa 37.49 0.0 0.0
LAB*LABb 37.49 0.0 0.0

relative CIELAB lab*
lab*lab 0.25 0.0 0.0
lab*ch 0.25 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.25 0.0 0.0
lab*trc 0.25 0.0 0.0
lab*trn 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*LABa 18.12 0.0 0.0
LAB*LABb 18.12 0.0 0.0

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

$n^* = 1.0$

relative Inform. Technology (IT)
olv3* 0.75 0.891 1.0 (1.0)
cmyn3* 0.25 0.109 0.0 (0.0)
olv4* 0.75 0.891 1.0 (1.0)
cmyn4* 0.25 0.109 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 81.72 -3.66 -9.22
LAB*LABa 81.72 -4.23 -12.95
LAB*LABb 81.72 13.64 251.93

relative CIELAB lab*
lab*lab 0.821 -0.077 -0.237
lab*ch 0.875 0.25 0.7
lab*nch 0.0 0.25 0.7
relative Natural Colour (NC)
lab*trj 0.821 0.0 -0.249
lab*trc 0.875 0.25 0.75
lab*trn 0.0 0.25 0.996

relative Inform. Technology (IT)
olv3* 0.5 0.641 0.75 (1.0)
cmyn3* 0.5 0.359 0.25 (0.0)
olv4* 0.75 0.891 1.0 (1.0)
cmyn4* 0.25 0.109 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 62.35 -3.47 -10.51
LAB*LABa 62.35 -4.23 -12.96
LAB*LABb 62.35 13.64 251.93

relative CIELAB lab*
lab*lab 0.51 -0.077 -0.237
lab*ch 0.625 0.25 0.7
lab*nch 0.0 0.25 0.7
relative Natural Colour (NC)
lab*trj 0.51 0.0 -0.249
lab*trc 0.625 0.25 0.75
lab*trn 0.0 0.25 0.996

relative Inform. Technology (IT)
olv3* 0.25 0.391 0.5 (1.0)
cmyn3* 0.75 0.609 0.5 (0.0)
olv4* 0.75 0.891 1.0 (1.0)
cmyn4* 0.25 0.109 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 42.95 -3.29 -11.96
LAB*LABa 42.95 -4.23 -12.96
LAB*LABb 42.95 13.64 251.93

relative CIELAB lab*
lab*lab 0.321 -0.077 -0.237
lab*ch 0.375 0.25 0.7
lab*nch 0.0 0.25 0.7
relative Natural Colour (NC)
lab*trj 0.321 0.0 -0.249
lab*trc 0.375 0.25 0.75
lab*trn 0.0 0.25 0.996

relative Inform. Technology (IT)
olv3* 0.0 0.281 0.5 (1.0)
cmyn3* 1.0 0.719 0.5 (0.0)
olv4* 0.75 0.891 1.0 (1.0)
cmyn4* 0.25 0.109 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 29.1 -8.45 -25.92
LAB*LABa 29.1 -9.22 -31.88
LAB*LABb 29.1 13.64 251.93

relative CIELAB lab*
lab*lab 0.142 -0.154 -0.474
lab*ch 0.25 0.5 0.7
lab*nch 0.0 0.5 0.7
relative Natural Colour (NC)
lab*trj 0.142 0.0 -0.499
lab*trc 0.25 0.5 0.75
lab*trn 0.0 0.5 0.996

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 0.859 0.75 (0.0)
olv4* 0.75 0.891 1.0 (1.0)
cmyn4* 0.25 0.109 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 23.61 -4.22 -12.95
LAB*LABa 23.61 -4.23 -12.95
LAB*LABb 23.61 13.64 251.93

relative CIELAB lab*
lab*lab 0.071 -0.077 -0.237
lab*ch 0.125 0.25 0.7
lab*nch 0.0 0.25 0.7
relative Natural Colour (NC)
lab*trj 0.071 0.0 -0.249
lab*trc 0.125 0.25 0.75
lab*trn 0.0 0.25 0.996

$n^* = 0.50$

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* 0.0 0.422 0.75 (1.0)
cmyn3* 0.75 0.469 0.25 (0.0)
olv4* 0.0 0.75 0.75 (1.0)
cmyn4* 0.5 0.219 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 48.47 -7.57 -24.4
LAB*LABa 48.47 -8.46 -25.93
LAB*LABb 48.47 13.64 251.93

relative CIELAB lab*
lab*lab 0.463 -0.232 -0.712
lab*ch 0.625 0.75 0.7
lab*nch 0.0 0.75 0.7
relative Natural Colour (NC)
lab*trj 0.463 0.0 -0.749
lab*trc 0.625 0.75 0.75
lab*trn 0.0 0.75 0.996

relative Inform. Technology (IT)
olv3* 0.0 0.563 1.0 (1.0)
cmyn3* 1.0 0.437 0.0 (0.0)
olv4* 0.0 0.563 1.0 (1.0)
cmyn4* 0.5 0.219 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 40.05 -15.96 -50.88
LAB*LABa 40.05 -16.93 -51.85
LAB*LABb 40.05 13.64 251.93

relative CIELAB lab*
lab*lab 0.284 -0.309 -0.949
lab*ch 0.5 1.0 0.7
lab*nch 0.0 1.0 0.7
relative Natural Colour (NC)
lab*trj 0.284 0.0 -0.999
lab*trc 0.5 1.0 0.996
lab*trn 0.0 1.0 0.996

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

relative CIELAB lab*
lab*lab 0.25 0.0 0.0
lab*ch 0.25 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.25 0.0 0.0
lab*trc 0.25 0.0 0.0
lab*trn 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*LABa 0.0 0.0 0.0
LAB*LABb 0.0 0.0 0.0

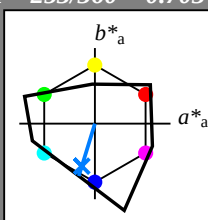
relative CIELAB lab*
lab*lab 0.0 0.0 0.0
lab*ch 0.0 0.0 0.0
lab*nch 1.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.0 0.0 0.0
lab*trc 0.0 0.0 0.0
lab*trn 1.0 0.0 0.0

$n^* = 0.00$

Ausgabe: Farbmetrisches Fernseh-Licht-System TLS00 für Buntton $h^* = lab^*h = 253/360 = 0.703$ lab^*ch und lab^*nch

A: Buntton B
LCH*Ma: 45 72 253
olv*Ma: 0.0 0.49 1.0

Dreiecks-Helligkeit t^*



relative Inform. Technology (IT)
olv3* 1.0 1.0 1.0 (1.0)
cmyn3* 0.0 0.0 0.0 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 95.41 0.0 0.0
LAB*LABa 95.41 0.0 0.0
LAB*LABb 95.41 0.0 0.0

relative CIELAB lab*
lab*lab 1.0 0.0 0.0
lab*ch 1.0 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 1.0 0.0 0.0
lab*trc 1.0 0.0 0.0
lab*trn 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 71.57 0.0 0.0

relative CIELAB lab*
lab*lab 0.868 -0.072 -0.238
lab*ch 0.875 0.25 0.703
lab*nch 0.0 0.25 0.703
relative Natural Colour (NC)
lab*trj 0.868 0.0 -0.249
lab*trc 0.875 0.25 0.75
lab*trn 0.0 0.25 0.996

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 58.98 -5.3 -17.32
LAB*LABa 58.98 -5.3 -17.32
LAB*LABb 58.98 13.64 251.93

relative CIELAB lab*
lab*lab 0.5 0.0 0.0
lab*ch 0.5 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.5 0.0 0.0
lab*trc 0.5 0.0 0.0
lab*trn 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 35.13 -5.3 -17.32
LAB*LABa 35.13 -5.3 -17.32
LAB*LABb 35.13 13.64 251.93

relative CIELAB lab*
lab*lab 0.358 -0.072 -0.238
lab*ch 0.375 0.25 0.703
lab*nch 0.0 0.25 0.703
relative Natural Colour (NC)
lab*trj 0.358 0.0 -0.249
lab*trc 0.375 0.25 0.75
lab*trn 0.0 0.25 0.996

relative Inform. Technology (IT)
olv3* 0.0 0.247 0.5 (1.0)
cmyn3* 1.0 0.753 0.5 (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 22.55 -10.61 -34.64
LAB*LABa 22.55 -10.61 -34.64
LAB*LABb 22.55 13.64 251.93

relative CIELAB lab*
lab*lab 0.236 -0.145 -0.477
lab*ch 0.25 0.5 0.703
lab*nch 0.0 0.5 0.703
relative Natural Colour (NC)
lab*trj 0.236 0.0 -0.499
lab*trc 0.25 0.5 0.75
lab*trn 0.0 0.5 0.996

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*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*trj 0.0 0.0 0.0
lab*trc 0.0 0.0 0.0
lab*trn 1.0 0.0 0.0

$n^* = 1.0$

relative Inform. Technology (IT)
olv3* 0.75 0.874 1.0 (1.0)
cmyn3* 0.25 0.126 0.0 (0.0)
olv4* 0.75 0.874 1.0 (1.0)
cmyn4* 0.25 0.126 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 82.83 -5.31 -17.31
LAB*LABa 82.83 -5.31 -17.31
LAB*LABb 82.83 13.64 251.93

relative CIELAB lab*
lab*lab 0.868 -0.072 -0.238
lab*ch 0.875 0.25 0.703
lab*nch 0.0 0.25 0.703
relative Natural Colour (NC)
lab*trj 0.868 0.0 -0.249
lab*trc 0.875 0.25 0.75
lab*trn 0.0 0.25 0.996

relative Inform. Technology (IT)
olv3* 0.5 0.624 0.75 (1.0)
cmyn3* 0.5 0.376 0.25 (0.0)
olv4* 0.75 0.874 1.0 (1.0)
cmyn4* 0.25 0.126 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 58.98 -5.3 -17.32
LAB*LABa 58.98 -5.3 -17.32
LAB*LABb 58.98 13.64 251.93

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

relative Inform. Technology (IT)
olv3* 0.25 0.374 0.5 (1.0)
cmyn3* 0.75 0.626 0.5 (0.0)
olv4* 0.75 0.874 1.0 (1.0)
cmyn4* 0.25 0.126 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 46.4 -10.62 -34.64
LAB*LABa 46.4 -10.62 -34.64
LAB*LABb 46.4 13.64 251.93

relative CIELAB lab*
lab*lab 0.486 -0.146 -0.477
lab*ch 0.5 0.5 0.703
lab*nch 0.0 0.5 0.703
relative Natural Colour (NC)
lab*trj 0.486 0.0 -0.499
lab*trc 0.5 0.5 0.75
lab*trn 0.0 0.5 0.996

relative Inform. Technology (IT)
olv3* 0.0 0.247 0.5 (1.0)
cmyn3* 1.0 0.753 0.5 (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 22.55 -10.61 -34.64
LAB*LABa 22.55 -10.61 -34.64
LAB*LABb 22.55 13.64 251.93

relative CIELAB lab*
lab*lab 0.236 -0.145 -0.477
lab*ch 0.25 0.5 0.703
lab*nch 0.0 0.5 0.703
relative Natural Colour (NC)
lab*trj 0.236 0.0 -0.499
lab*trc 0.25 0.5 0.75
lab*trn 0.0 0.5 0.996

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*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*trj 0.0 0.0 0.0
lab*trc 0.0 0.0 0.0
lab*trn 1.0 0.0 0.0

$n^* = 0.00$

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
 $g^*_{H,rel} = 39$
 $g^*_{C,rel} = 43$

relative Inform. Technology (IT)
olv3* 0.5 0.747 1.0 (1.0)
cmyn3* 0.5 0.253 0.0 (0.0)
olv4* 0.5 0.747 1.0 (1.0)
cm