

Eingabe: Farbmatisches Natürliches-Reflektiv-System CNS18

für Buntton $h^* = lab^*h = 25/360 = 0.069$

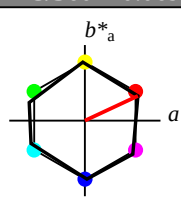
lab^*ch und lab^*nch

D65: Buntton R

LCH*Ma: 57 77 25

olv*Ma: 1.0 0.0 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 95.41 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 76.07 0.0 0.0
LAB*LAB 76.07 0.0 0.0
LAB*LAB 76.07 0.0 0.0

relative CIELAB lab*
lab*lab 0.875 0.226 0.106
lab*ch 0.875 0.226 0.106
lab*nch 0.0 0.25 0.069
relative Natural Colour (NC)
lab*tr 0.875 0.226 -0.001
lab*ce 0.875 0.226 0.999
lab*nce 0.0 0.25 0.999

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 56.72 0.0 0.0
LAB*LAB 56.72 0.0 0.0
LAB*LAB 56.72 0.0 0.0

relative CIELAB lab*
lab*lab 0.75 0.25 0.106
lab*ch 0.75 0.25 0.106
lab*nch 0.0 0.25 0.069
relative Natural Colour (NC)
lab*tr 0.75 0.25 0.001
lab*ce 0.75 0.25 0.999
lab*nce 0.0 0.25 0.999

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 37.37 0.0 0.0
LAB*LAB 37.37 0.0 0.0
LAB*LAB 37.37 0.0 0.0

relative CIELAB lab*
lab*lab 0.625 0.226 0.106
lab*ch 0.625 0.226 0.106
lab*nch 0.0 0.25 0.069
relative Natural Colour (NC)
lab*tr 0.625 0.226 -0.001
lab*ce 0.625 0.226 0.999
lab*nce 0.0 0.25 0.999

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 27.69 17.53 8.17
LAB*LAB 27.69 17.53 8.17
LAB*LAB 27.69 17.53 8.17

relative CIELAB lab*
lab*lab 0.375 0.226 0.106
lab*ch 0.375 0.226 0.106
lab*nch 0.0 0.25 0.069
relative Natural Colour (NC)
lab*tr 0.375 0.226 -0.001
lab*ce 0.375 0.226 0.999
lab*nce 0.0 0.25 0.999

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 18.03 18.03 0.0
LAB*LAB 18.03 18.03 0.0
LAB*LAB 18.03 18.03 0.0

relative CIELAB lab*
lab*lab 0.125 0.226 0.106
lab*ch 0.125 0.226 0.106
lab*nch 0.0 0.25 0.069
relative Natural Colour (NC)
lab*tr 0.125 0.226 -0.001
lab*ce 0.125 0.226 0.999
lab*nce 0.0 0.25 0.999

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 0.01 0.01 0.01
LAB*LAB 0.01 0.01 0.01
LAB*LAB 0.01 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 0.0 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 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*LAB 0.0 0.0 0.0

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

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

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

CNS18; adaptierte CIELAB-Daten

	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
RMa	56.7	70.15	32.71	77.4	25
JMa	56.7	-2.69	77.35	77.4	92
GMa	56.7	-73.6	23.92	77.4	162
G50BMa	56.7	-71.24	-30.23	77.4	203
BMa	56.7	2.7	-77.34	77.4	272
B50RMa	56.7	63.4	-44.38	77.4	325
NMa	18.01	0.0	0.0	0.0	0
WMa	95.41	0.0	0.0	0.0	0
RCIE	39.92	58.74	27.99	65.07	25
JCIE	81.26	-2.88	71.56	71.62	92
GCIE	52.23	-42.41	13.6	44.55	162
BCIE	30.57	1.41	-46.46	46.49	272

%Regularität

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

$g^*_{C,rel} = 100$

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 76.05 35.07 16.35
LAB*LAB 76.05 35.07 16.35
LAB*LAB 76.05 35.07 16.35

relative CIELAB lab*
lab*lab 0.75 0.453 0.211
lab*ch 0.75 0.453 0.211
lab*nch 0.0 0.5 0.069
relative Natural Colour (NC)
lab*tr 0.75 0.453 -0.002
lab*ce 0.75 0.453 0.999
lab*nce 0.0 0.5 0.999

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 0.5 0.5 (1.0)
cmyn4* 0.0 0.5 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 56.71 35.07 16.36
LAB*LAB 56.71 35.07 16.36
LAB*LAB 56.71 35.07 16.36

relative CIELAB lab*
lab*lab 0.625 0.68 0.317
lab*ch 0.625 0.68 0.317
lab*nch 0.0 0.75 0.069
relative Natural Colour (NC)
lab*tr 0.625 0.68 -0.004
lab*ce 0.625 0.68 0.999
lab*nce 0.0 0.75 0.999

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 0.5 0.5 (1.0)
cmyn4* 0.0 0.5 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 37.37 35.07 16.36
LAB*LAB 37.37 35.07 16.36
LAB*LAB 37.37 35.07 16.36

relative CIELAB lab*
lab*lab 0.5 0.906 0.423
lab*ch 0.5 0.906 0.423
lab*nch 0.0 1.0 0.069
relative Natural Colour (NC)
lab*tr 0.5 0.906 -0.006
lab*ce 0.5 0.906 0.999
lab*nce 0.0 1.0 0.999

relative Inform. Technology (IT)
olv3* 0.25 1.0 0.0 (0.0)
cmyn3* 0.75 0.0 0.0 (1.0)
olv4* 1.0 0.25 0.25 (0.0)
cmyn4* 0.0 0.25 0.25 (0.0)
standard and adapted CIELAB
LAB*LAB 47.03 52.6 24.53
LAB*LAB 47.03 52.6 24.53
LAB*LAB 47.03 52.6 24.53

relative CIELAB lab*
lab*lab 0.375 0.68 0.317
lab*ch 0.375 0.68 0.317
lab*nch 0.0 0.75 0.069
relative Natural Colour (NC)
lab*tr 0.375 0.68 -0.004
lab*ce 0.375 0.68 0.999
lab*nce 0.0 0.75 0.999

relative Inform. Technology (IT)
olv3* 0.5 0.0 0.0 (1.0)
cmyn3* 0.5 0.0 0.0 (0.0)
olv4* 1.0 0.5 0.5 (1.0)
cmyn4* 0.0 0.5 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 27.69 35.07 16.35
LAB*LAB 27.69 35.07 16.35
LAB*LAB 27.69 35.07 16.35

relative CIELAB lab*
lab*lab 0.375 0.68 0.317
lab*ch 0.375 0.68 0.317
lab*nch 0.0 0.75 0.069
relative Natural Colour (NC)
lab*tr 0.375 0.68 -0.004
lab*ce 0.375 0.68 0.999
lab*nce 0.0 0.75 0.999

relative Inform. Technology (IT)
olv3* 0.25 0.5 0.5 (1.0)
cmyn3* 0.75 1.0 0.0 (0.0)
olv4* 1.0 0.25 0.25 (0.0)
cmyn4* 0.0 0.25 0.25 (0.0)
standard and adapted CIELAB
LAB*LAB 18.03 18.03 0.0
LAB*LAB 18.03 18.03 0.0
LAB*LAB 18.03 18.03 0.0

relative CIELAB lab*
lab*lab 0.125 0.453 0.211
lab*ch 0.125 0.453 0.211
lab*nch 0.0 0.5 0.069
relative Natural Colour (NC)
lab*tr 0.125 0.453 -0.002
lab*ce 0.125 0.453 0.999
lab*nce 0.0 0.5 0.999

relative Inform. Technology (IT)
olv3* 0.0 0.5 0.5 (1.0)
cmyn3* 0.5 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 0.0 18.03 0.0
LAB*LAB 0.0 18.03 0.0
LAB*LAB 0.0 18.03 0.0

relative CIELAB lab*
lab*lab 0.0 0.25 0.453 0.211
lab*ch 0.0 0.25 0.453 0.211
lab*nch 0.0 0.25 0.069
relative Natural Colour (NC)
lab*tr 0.0 0.25 0.453 -0.002
lab*ce 0.0 0.25 0.453 0.999
lab*nce 0.0 0.25 0.453 0.999

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 0.0 0.0 0.0
LAB*LAB 0.0 0.0 0.0
LAB*LAB 0.0 0.0 0.0

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

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

Ausgabe: Farbmatisches Fernseh-Licht-System TLS18

für Buntton $h^* = lab^*h = 25/360 = 0.069$

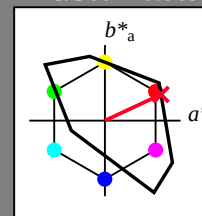
lab^*ch und lab^*nch

D65: Buntton O

LCH*Ma: 54 82 25

olv*Ma: 1.0 0.0 0.14

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*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 76.07 0.0 0.0
LAB*LAB 76.07 0.0 0.0
LAB*LAB 76.07 0.0 0.0

relative CIELAB lab*
lab*lab 0.875 0.226 0.106
lab*ch 0.875 0.226 0.106
lab*nch 0.0 0.25 0.069
relative Natural Colour (NC)
lab*tr 0.875 0.226 -0.001
lab*ce 0.875 0.226 0.999
lab*nce 0.0 0.25 0.999

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 56.72 0.0 0.0
LAB*LAB 56.72 0.0 0.0
LAB*LAB 56.72 0.0 0.0

relative CIELAB lab*
lab*lab 0.75 0.25 0.106
lab*ch 0.75 0.25 0.106
lab*nch 0.0 0.25 0.069
relative Natural Colour (NC)
lab*tr 0.75 0.25 0.001
lab*ce 0.75 0.25 0.999
lab*nce 0.0 0.25 0.999

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 37.37 0.0 0.0
LAB*LAB 37.37 0.0 0.0
LAB*LAB 37.37 0.0 0.0

relative CIELAB lab*
lab*lab 0.625 0.226 0.106
lab*ch 0.625 0.226 0.106
lab*nch 0.0 0.25 0.069
relative Natural Colour (NC)
lab*tr 0.625 0.226 -0.001
lab*ce 0.625 0.226 0.999
lab*nce 0.0 0.25 0.999

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 27.69 17.53 8.17
LAB*LAB 27.69 17.53 8.17
LAB*LAB 27.69 17.53 8.17

relative CIELAB lab*
lab*lab 0.375 0.226 0.106
lab*ch 0.375 0.226 0.106
lab*nch 0.0 0.25 0.069
relative Natural Colour (NC)
lab*tr 0.375 0.226 -0.001
lab*ce 0.375 0.226 0.999
lab*nce 0.0 0.25 0.999

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 18.03 18.03 0.0
LAB*LAB 18.03 18.03 0.0
LAB*LAB 18.03 18.03 0.0

relative CIELAB lab*
lab*lab 0.125 0.226 0.106
lab*ch 0.125 0.226 0.106
lab*nch 0.0 0.25 0.069
relative Natural Colour (NC)
lab*tr 0.125 0.226 -0.001
lab*ce 0.125 0.226 0.999
lab*nce 0.0 0.25 0.999

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 0.01 0.01 0.01
LAB*LAB 0.01 0.01 0.01
LAB*LAB 0.01 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 0.0 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 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*LAB 0.0 0.0 0.0

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

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

Eingabe: Farbmetrisches Natürliches-Reflektiv-System CNS18

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

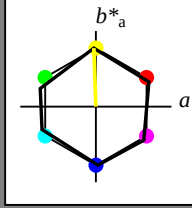
lab^*ch und lab^*nch

D65: Buntton J

LCH*Ma: 57 77 92

olv*Ma: 1.0 1.0 0.0

Dreiecks-Helligkeit t^*



CNS18; adaptierte CIELAB-Daten					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
RMa	56.7	70.15	32.71	77.4	25
JMa	56.7	-2.69	77.35	77.4	92
GMa	56.7	-73.6	23.92	77.4	162
G50BMa	56.7	-71.24	-30.23	77.4	203
BMa	56.7	2.7	-77.34	77.4	272
B50RMa	56.7	63.4	-44.38	77.4	325
NMa	18.01	0.0	0.0	0.0	0
WMa	95.41	0.0	0.0	0.0	0
RCIE	39.92	58.74	27.99	65.07	25
JCIE	81.26	-2.88	71.56	71.62	92
GCIE	52.23	-42.41	13.6	44.55	162
BCIE	30.57	1.41	-46.46	46.49	272

%Regularität

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

$g^*_{C,rel} = 100$

relative Inform. Technology (IT)	
olv3*	1.0 1.0 1.0 (1.0)
olv4*	0.0 0.0 0.0 (0.0)
olv5*	1.0 1.0 1.0 (1.0)
olv6*	0.0 0.0 0.0 (0.0)
olv7*	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 Inform. Technology (IT)	
olv3*	1.0 1.0 0.75 (1.0)
olv4*	0.0 0.0 0.25 (0.0)
olv5*	1.0 1.0 0.75 (1.0)
olv6*	0.0 0.0 0.25 (0.0)
olv7*	0.0 0.0 0.25 (0.0)
standard and adapted CIELAB	
LAB*LAB	85.73 -0.67 19.33
LAB*LAB	85.73 -0.67 19.33
LAB*LAB	85.73 -0.67 19.33
LAB*LAB	85.73 -0.67 19.33

relative Inform. Technology (IT)	
olv3*	1.0 1.0 0.5 (1.0)
olv4*	0.0 0.0 0.5 (0.0)
olv5*	1.0 1.0 0.5 (1.0)
olv6*	0.0 0.0 0.5 (0.0)
olv7*	0.0 0.0 0.5 (0.0)
standard and adapted CIELAB	
LAB*LAB	76.05 -1.34 38.67
LAB*LAB	76.05 -1.34 38.67
LAB*LAB	76.05 -1.34 38.67
LAB*LAB	76.05 -1.34 38.67

relative Inform. Technology (IT)	
olv3*	1.0 1.0 0.25 (1.0)
olv4*	0.0 0.0 0.25 (0.0)
olv5*	1.0 1.0 0.25 (1.0)
olv6*	0.0 0.0 0.25 (0.0)
olv7*	0.0 0.0 0.25 (0.0)
standard and adapted CIELAB	
LAB*LAB	66.37 -2.02 58.01
LAB*LAB	66.37 -2.02 58.01
LAB*LAB	66.37 -2.02 58.01
LAB*LAB	66.37 -2.02 58.01

relative Inform. Technology (IT)	
olv3*	1.0 1.0 0.0 (1.0)
olv4*	0.0 0.0 0.0 (0.0)
olv5*	1.0 1.0 0.0 (1.0)
olv6*	0.0 0.0 0.0 (0.0)
olv7*	0.0 0.0 0.0 (0.0)
standard and adapted CIELAB	
LAB*LAB	56.70 0.0 0.0
LAB*LAB	56.70 0.0 0.0
LAB*LAB	56.70 0.0 0.0
LAB*LAB	56.70 0.0 0.0

relative Inform. Technology (IT)	
olv3*	0.75 0.75 0.75 (1.0)
olv4*	0.25 0.25 0.25 (0.0)
olv5*	1.0 1.0 1.0 (1.0)
olv6*	0.0 0.0 0.0 (0.0)
olv7*	0.0 0.0 0.0 (0.0)
standard and adapted CIELAB	
LAB*LAB	76.07 0.0 0.0
LAB*LAB	76.07 0.0 0.0
LAB*LAB	76.07 0.0 0.0
LAB*LAB	76.07 0.0 0.0

relative Inform. Technology (IT)	
olv3*	0.75 0.75 0.5 (1.0)
olv4*	0.25 0.25 0.5 (0.0)
olv5*	1.0 1.0 0.5 (1.0)
olv6*	0.0 0.0 0.5 (0.0)
olv7*	0.0 0.0 0.5 (0.0)
standard and adapted CIELAB	
LAB*LAB	66.38 -0.67 19.34
LAB*LAB	66.38 -0.67 19.34
LAB*LAB	66.38 -0.67 19.34
LAB*LAB	66.38 -0.67 19.34

relative Inform. Technology (IT)	
olv3*	0.75 0.75 0.25 (1.0)
olv4*	0.25 0.25 0.25 (0.0)
olv5*	1.0 1.0 0.25 (1.0)
olv6*	0.0 0.0 0.25 (0.0)
olv7*	0.0 0.0 0.25 (0.0)
standard and adapted CIELAB	
LAB*LAB	56.71 -1.34 38.68
LAB*LAB	56.71 -1.34 38.68
LAB*LAB	56.71 -1.34 38.68
LAB*LAB	56.71 -1.34 38.68

relative Inform. Technology (IT)	
olv3*	0.75 0.75 0.0 (1.0)
olv4*	0.25 0.25 0.0 (0.0)
olv5*	1.0 1.0 0.0 (1.0)
olv6*	0.0 0.0 0.0 (0.0)
olv7*	0.0 0.0 0.0 (0.0)
standard and adapted CIELAB	
LAB*LAB	56.71 -1.34 38.68
LAB*LAB	56.71 -1.34 38.68
LAB*LAB	56.71 -1.34 38.68
LAB*LAB	56.71 -1.34 38.68

relative Inform. Technology (IT)	
olv3*	0.5 0.5 0.5 (1.0)
olv4*	0.5 0.5 0.5 (0.0)
olv5*	1.0 1.0 0.5 (1.0)
olv6*	0.0 0.0 0.5 (0.0)
olv7*	0.0 0.0 0.5 (0.0)
standard and adapted CIELAB	
LAB*LAB	56.72 -2.69 77.34
LAB*LAB	56.72 -2.69 77.34
LAB*LAB	56.72 -2.69 77.34
LAB*LAB	56.72 -2.69 77.34

relative Inform. Technology (IT)	
olv3*	0.25 0.25 0.25 (1.0)
olv4*	0.75 0.75 0.25 (0.0)
olv5*	1.0 1.0 0.25 (1.0)
olv6*	0.0 0.0 0.25 (0.0)
olv7*	0.0 0.0 0.25 (0.0)
standard and adapted CIELAB	
LAB*LAB	56.72 0.0 0.0
LAB*LAB	56.72 0.0 0.0
LAB*LAB	56.72 0.0 0.0
LAB*LAB	56.72 0.0 0.0

relative Inform. Technology (IT)	
olv3*	0.25 0.25 0.5 (1.0)
olv4*	0.75 0.75 0.5 (0.0)
olv5*	1.0 1.0 0.5 (1.0)
olv6*	0.0 0.0 0.5 (0.0)
olv7*	0.0 0.0 0.5 (0.0)
standard and adapted CIELAB	
LAB*LAB	47.03 -0.67 19.34
LAB*LAB	47.03 -0.67 19.34
LAB*LAB	47.03 -0.67 19.34
LAB*LAB	47.03 -0.67 19.34

relative Inform. Technology (IT)	
olv3*	0.25 0.25 0.25 (1.0)
olv4*	0.75 0.75 0.25 (0.0)
olv5*	1.0 1.0 0.25 (1.0)
olv6*	0.0 0.0 0.25 (0.0)
olv7*	0.0 0.0 0.25 (0.0)
standard and adapted CIELAB	
LAB*LAB	37.51 -0.67 19.34
LAB*LAB	37.51 -0.67 19.34
LAB*LAB	37.51 -0.67 19.34
LAB*LAB	37.51 -0.67 19.34

relative Inform. Technology (IT)	
olv3*	0.25 0.25 0.0 (1.0)
olv4*	0.75 0.75 0.0 (0.0)
olv5*	1.0 1.0 0.0 (1.0)
olv6*	0.0 0.0 0.0 (0.0)
olv7*	0.0 0.0 0.0 (0.0)
standard and adapted CIELAB	
LAB*LAB	37.51 -0.67 19.34
LAB*LAB	37.51 -0.67 19.34
LAB*LAB	37.51 -0.67 19.34
LAB*LAB	37.51 -0.67 19.34

relative Inform. Technology (IT)	
olv3*	0.0 0.0 0.0 (1.0)
olv4*	0.0 0.0 0.0 (0.0)
olv5*	1.0 1.0 0.0 (1.0)
olv6*	0.0 0.0 0.0 (0.0)
olv7*	0.0 0.0 0.0 (0.0)
standard and adapted CIELAB	
LAB*LAB	37.51 -0.67 19.34
LAB*LAB	37.51 -0.67 19.34
LAB*LAB	37.51 -0.67 19.34
LAB*LAB	37.51 -0.67 19.34

relative Inform. Technology (IT)	
olv3*	0.0 0.0 0.0 (1.0)
olv4*	0.0 0.0 0.0 (0.0)
olv5*	1.0 1.0 0.0 (1.0)
olv6*	0.0 0.0 0.0 (0.0)
olv7*	0.0 0.0 0.0 (0.0)
standard and adapted CIELAB	
LAB*LAB	37.51 -0.67 19.34
LAB*LAB	37.51 -0.67 19.34
LAB*LAB	37.51 -0.67 19.34
LAB*LAB	37.51 -0.67 19.34

relative Inform. Technology (IT)	
olv3*	0.0 0.0 0.25 (1.0)
olv4*	0.0 0.0 0.25 (0.0)
olv5*	1.0 1.0 0.25 (1.0)
olv6*	0.0 0.0 0.25 (0.0)
olv7*	0.0 0.0 0.25 (0.0)
standard and adapted CIELAB	
LAB*LAB	27.69 -0.67 19.33
LAB*LAB	27.69 -0.67 19.33
LAB*LAB	27.69 -0.67 19.33
LAB*LAB	27.69 -0.67 19.33

relative Inform. Technology (IT)	
olv3*	0.0 0.0 0.5 (1.0)
olv4*	0.0 0.0 0.5 (0.0)
olv5*	1.0 1.0 0.5 (1.0)
olv6*	0.0 0.0 0.5 (0.0)
olv7*	0.0 0.0 0.5 (0.0)
standard and adapted CIELAB	
LAB*LAB	18.03 0.0 0.0
LAB*LAB	18.03 0.0 0.0
LAB*LAB	18.03 0.0 0.0
LAB*LAB	18.03 0.0 0.0

relative Inform. Technology (IT)	
olv3*	0.0 0.0 0.25 (1.0)
olv4*	0.0 0.0 0.25 (0.0)
olv5*	1.0 1.0 0.25 (1.0)
olv6*	0.0 0.0 0.25 (0.0)
olv7*	0.0 0.0 0.25 (0.0)
standard and adapted CIELAB	
LAB*LAB	18.03 0.0 0.0
LAB*LAB	18.03 0.0 0.0
LAB*LAB	18.03 0.0 0.0
LAB*LAB	18.03 0.0 0.0

relative Inform. Technology (IT)	
olv3*	0.0 0.0 0.0 (1.0)
olv4*	0.0 0.0 0.0 (0.0)
olv5*	1.0 1.0 0.0 (1.0)
olv6*	0.0 0.0 0.0 (0.0)
olv7*	0.0 0.0 0.0 (0.0)
standard and adapted CIELAB	
LAB*LAB	18.03 0.0 0.0
LAB*LAB	18.03 0.0 0.0
LAB*LAB	18.03 0.0 0.0
LAB*LAB	18.03 0.0 0.0

relative Inform. Technology (IT)	
olv3*	0.25 0.25 0.25 (1.0)
olv4*	0.75 0.75 0.25 (0.0)
olv5*	1.0 1.0 0.25 (1.0)
olv6*	0.0 0.0 0.25 (0.0)
olv7*	0.0 0.0 0.25 (0.0)
standard and adapted CIELAB	
LAB*LAB	56.72 0.0 0.0
LAB*LAB	56.72 0.0 0.0
LAB*LAB	56.72 0.0 0.0
LAB*LAB	56.72 0.0 0.0

relative Inform. Technology (IT)	
olv3*	0.25 0.25 0.5 (1.0)
olv4*	0.75 0.75 0.5 (0.0)
olv5*	1.0 1.0 0.5 (1.0)
olv6*	0.0 0.0 0.5 (0.0)
olv7*	0.0 0.0 0.5 (0.0)
standard and adapted CIELAB	
LAB*LAB	47.03 -0.67 19.34
LAB*LAB	47.03 -0.67 19.34
LAB*LAB	47.03 -0.67 19.34
LAB*LAB	47.03 -0.67 19.34

relative Inform. Technology (IT)	
olv3*	0.25 0.25 0.25 (1.0)
olv4*	0.75 0.75 0.25 (0.0)
olv5*	1.0 1.0 0.25 (1.0)
olv6*	0.0 0.0 0.25 (0.0)
olv7*	0.0 0.0 0.25 (0.0)
standard and adapted CIELAB	
LAB*LAB	37.51 -0.67 19.34
LAB*LAB	37.51 -0.67 19.34
LAB*LAB	37.51 -0.67 19.34
LAB*LAB	37.51 -0.67 19.34

relative Inform. Technology (IT)	
olv3*	0.25 0.25 0.0 (1.0)
olv4*	0.75 0.75 0.0 (0.0)
olv5*	1.0 1.0 0.0 (1.0)
olv6*	0.0 0.0 0.0 (0.0)
olv7*	0.0 0.0 0.0 (0.0)
standard and adapted CIELAB	
LAB*LAB	37.51 -0.67 19.34
LAB*LAB	37.51 -0.67 19.34
LAB*LAB	37.51 -0.67 19.34
LAB*LAB	37.51 -0.67 19.34

relative Inform. Technology (IT)	
olv3*	0.0 0.0 0.0 (1.0)
olv4*	0.0 0.0 0.0 (0.0)
olv5*	1.0 1.0 0.0 (1.0)
olv6*	0.0 0.0 0.0 (0.0)
olv7*	0.0 0.0 0.0 (0.0)
standard and adapted CIELAB	
LAB*LAB	37.51 -0.67 19.34
LAB*LAB	37.51 -0.67 19.34
LAB*LAB	37.51 -0.67 19.34
LAB*LAB	37.51 -0.67 19.34

relative Inform. Technology (IT)	
olv3*	0.0 0.0 0.0 (1.0)
olv4*	0.0 0.0 0.0 (0.0)
olv5*	1.0 1.0 0.0 (1.0)
olv6*	0.0 0.0 0.0 (0.0)
olv7*	0.0 0.0 0.0 (0.0)
standard and adapted CIELAB	
LAB*LAB	37.51 -0.67 19.34
LAB*LAB	37.51 -0.67 19.34
LAB*LAB	37.51 -0.67 19.34
LAB*LAB	37.51 -0.67 19.34

relative Inform. Technology (IT)	
olv3*	0.0 0.0 0.25 (1.0)
olv4*	0.0 0.0 0.25 (0.0)
olv5*	1.0 1.0 0.25 (1.0)
olv6*	0.0 0.0 0.25 (0.0)
olv7*	0.0 0.0 0.25 (0.0)
standard and adapted CIELAB	
LAB*LAB	27.69 -0.67 19.33
LAB*LAB	27.69 -0.67 19.33
LAB*LAB	27.69 -0.67 19.33
LAB*LAB	27.69 -0.67 19.33

relative Inform. Technology (IT)	
olv3*	0.0 0.0 0.5 (1.0)
olv4*	0.0 0.0 0.5 (0.0)
olv5*	1.0 1.0 0.5 (1.0)
olv6*	0.0 0.0 0.5 (0.0)
olv7*	0.0 0.0 0.5 (0.0)
standard and adapted CIELAB	
LAB*LAB	18.03 0.0 0.0
LAB*LAB	18.03 0.0 0.0
LAB*LAB	18.03 0.0 0.0
LAB*LAB	18.03 0.0 0.0

relative Inform. Technology (IT)	
olv3*	0.0 0.0 0.25 (1.0)
olv4*	0.0 0.0 0.25 (0.0)
olv5*	1.0 1.0 0.25 (1.0)
olv6*	0.0 0.0 0.25 (0.0)
olv7*	0.0 0.0 0.25 (0.0)
standard and adapted CIELAB	
LAB*LAB	18.03 0.0 0.0
LAB*LAB	18.03 0.0 0.0
LAB*LAB	18.03 0.0 0.0

Eingabe: Farbmetrisches Natürliches-Reflektiv-System CNS18

für Buntton $h^* = lab^*h = 162/360 = 0.45$

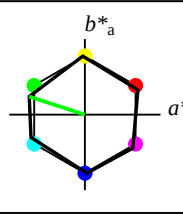
lab^*ch und lab^*nch

D65: Buntton G

LCH*Ma: 57 77 162

olv*Ma: 0.0 1.0 0.0

Dreiecks-Helligkeit t^*



CNS18; adaptierte CIELAB-Daten

	L^*	a^*	b^*	$C^*_{ab,a}$	$h^*_{ab,a}$
RMa	56.7	70.15	32.71	77.4	25
JMa	56.7	-2.69	77.35	77.4	92
GMa	56.7	-73.6	23.92	77.4	162
G50BMa	56.7	-71.24	-30.23	77.4	203
BMa	56.7	2.7	-77.34	77.4	272
B50RMa	56.7	63.4	-44.38	77.4	325
NMa	18.01	0.0	0.0	0.0	0
WMa	95.41	0.0	0.0	0.0	0
RCIE	39.92	58.74	27.99	65.07	25
JCIE	81.26	-2.88	71.56	71.62	92
GCIE	52.23	-42.41	13.6	44.55	162
BCIE	30.57	1.41	-46.46	46.49	272

%Regularität

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

$g^*_{C,rel} = 100$

relative Inform. Technology (IT)

olv3*	1.0	1.0	1.0	(1.0)
olv4*	0.0	0.0	0.0	(0.0)
olv5*	0.0	0.0	0.0	(0.0)
olv6*	0.0	0.0	0.0	(0.0)
olv7*	0.0	0.0	0.0	(0.0)
olv8*	0.0	0.0	0.0	(0.0)
olv9*	0.0	0.0	0.0	(0.0)
olv10*	0.0	0.0	0.0	(0.0)
olv11*	0.0	0.0	0.0	(0.0)
olv12*	0.0	0.0	0.0	(0.0)
olv13*	0.0	0.0	0.0	(0.0)
olv14*	0.0	0.0	0.0	(0.0)
olv15*	0.0	0.0	0.0	(0.0)
olv16*	0.0	0.0	0.0	(0.0)
olv17*	0.0	0.0	0.0	(0.0)
olv18*	0.0	0.0	0.0	(0.0)
olv19*	0.0	0.0	0.0	(0.0)
olv20*	0.0	0.0	0.0	(0.0)
olv21*	0.0	0.0	0.0	(0.0)
olv22*	0.0	0.0	0.0	(0.0)
olv23*	0.0	0.0	0.0	(0.0)
olv24*	0.0	0.0	0.0	(0.0)
olv25*	0.0	0.0	0.0	(0.0)
olv26*	0.0	0.0	0.0	(0.0)
olv27*	0.0	0.0	0.0	(0.0)
olv28*	0.0	0.0	0.0	(0.0)
olv29*	0.0	0.0	0.0	(0.0)
olv30*	0.0	0.0	0.0	(0.0)
olv31*	0.0	0.0	0.0	(0.0)
olv32*	0.0	0.0	0.0	(0.0)
olv33*	0.0	0.0	0.0	(0.0)
olv34*	0.0	0.0	0.0	(0.0)
olv35*	0.0	0.0	0.0	(0.0)
olv36*	0.0	0.0	0.0	(0.0)
olv37*	0.0	0.0	0.0	(0.0)
olv38*	0.0	0.0	0.0	(0.0)
olv39*	0.0	0.0	0.0	(0.0)
olv40*	0.0	0.0	0.0	(0.0)
olv41*	0.0	0.0	0.0	(0.0)
olv42*	0.0	0.0	0.0	(0.0)
olv43*	0.0	0.0	0.0	(0.0)
olv44*	0.0	0.0	0.0	(0.0)
olv45*	0.0	0.0	0.0	(0.0)
olv46*	0.0	0.0	0.0	(0.0)
olv47*	0.0	0.0	0.0	(0.0)
olv48*	0.0	0.0	0.0	(0.0)
olv49*	0.0	0.0	0.0	(0.0)
olv50*	0.0	0.0	0.0	(0.0)
olv51*	0.0	0.0	0.0	(0.0)
olv52*	0.0	0.0	0.0	(0.0)
olv53*	0.0	0.0	0.0	(0.0)
olv54*	0.0	0.0	0.0	(0.0)
olv55*	0.0	0.0	0.0	(0.0)
olv56*	0.0	0.0	0.0	(0.0)
olv57*	0.0	0.0	0.0	(0.0)
olv58*	0.0	0.0	0.0	(0.0)
olv59*	0.0	0.0	0.0	(0.0)
olv60*	0.0	0.0	0.0	(0.0)
olv61*	0.0	0.0	0.0	(0.0)
olv62*	0.0	0.0	0.0	(0.0)
olv63*	0.0	0.0	0.0	(0.0)
olv64*	0.0	0.0	0.0	(0.0)
olv65*	0.0	0.0	0.0	(0.0)
olv66*	0.0	0.0	0.0	(0.0)
olv67*	0.0	0.0	0.0	(0.0)
olv68*	0.0	0.0	0.0	(0.0)
olv69*	0.0	0.0	0.0	(0.0)
olv70*	0.0	0.0	0.0	(0.0)
olv71*	0.0	0.0	0.0	(0.0)
olv72*	0.0	0.0	0.0	(0.0)
olv73*	0.0	0.0	0.0	(0.0)
olv74*	0.0	0.0	0.0	(0.0)
olv75*	0.0	0.0	0.0	(0.0)
olv76*	0.0	0.0	0.0	(0.0)
olv77*	0.0	0.0	0.0	(0.0)
olv78*	0.0	0.0	0.0	(0.0)
olv79*	0.0	0.0	0.0	(0.0)
olv80*	0.0	0.0	0.0	(0.0)
olv81*	0.0	0.0	0.0	(0.0)
olv82*	0.0	0.0	0.0	(0.0)
olv83*	0.0	0.0	0.0	(0.0)
olv84*	0.0	0.0	0.0	(0.0)
olv85*	0.0	0.0	0.0	(0.0)
olv86*	0.0	0.0	0.0	(0.0)
olv87*	0.0	0.0	0.0	(0.0)
olv88*	0.0	0.0	0.0	(0.0)
olv89*	0.0	0.0	0.0	(0.0)
olv90*	0.0	0.0	0.0	(0.0)
olv91*	0.0	0.0	0.0	(0.0)
olv92*	0.0	0.0	0.0	(0.0)
olv93*	0.0	0.0	0.0	(0.0)
olv94*	0.0	0.0	0.0	(0.0)
olv95*	0.0	0.0	0.0	(0.0)
olv96*	0.0	0.0	0.0	(0.0)
olv97*	0.0	0.0	0.0	(0.0)
olv98*	0.0	0.0	0.0	(0.0)
olv99*	0.0	0.0	0.0	(0.0)
olv100*	0.0	0.0	0.0	(0.0)

relative Inform. Technology (IT)

olv3*	0.75	1.0	0.75	(1.0)
olv4*	0.25	0.0	0.25	(0.0)
olv5*	0.25	0.0	0.25	(0.0)
olv6*	0.25	0.0	0.25	(0.0)
olv7*	0.25	0.0	0.25	(0.0)
olv8*	0.25	0.0	0.25	(0.0)
olv9*	0.25	0.0	0.25	(0.0)
olv10*	0.25	0.0	0.25	(0.0)
olv11*	0.25	0.0	0.25	(0.0)
olv12*	0.25	0.0	0.25	(0.0)
olv13*	0.25	0.0	0.25	(0.0)
olv14*	0.25	0.0	0.25	(0.0)
olv15*	0.25	0.0	0.25	(0.0)
olv16*	0.25	0.0	0.25	(0.0)
olv17*	0.25	0.0	0.25	(0.0)
olv18*	0.25	0.0	0.25	(0.0)
olv19*	0.25	0.0	0.25	(0.0)
olv20*	0.25	0.0	0.25	(0.0)
olv21*	0.25	0.0	0.25	(0.0)
olv22*	0.25	0.0	0.25	(0.0)
olv23*	0.25	0.0	0.25	(0.0)
olv24*	0.25	0.0	0.25	(0.0)
olv25*	0.25	0.0	0.25	(0.0)
olv26*	0.25	0.0	0.25	(0.0)
olv27*	0.25	0.0	0.25	(0.0)
olv28*	0.25	0.0	0.25	(0.0)
olv29*	0.25	0.0	0.25	(0.0)
olv30*	0.25	0.0	0.25	(0.0)
olv31*	0.25	0.0	0.25	(0.0)
olv32*	0.25	0.0	0.25	(0.0)
olv33*	0.25	0.0	0.25	(0.0)
olv34*	0.25	0.0	0.25	(0.0)
olv35*	0.25	0.0	0.25	(0.0)
olv36*	0.25	0.0	0.25	(0.0)
olv37*	0.25	0.0	0.25	(0.0)
olv38*	0.25	0.0	0.25	(0.0)
olv39*	0.25	0.0	0.25	(0.0)
olv40*	0.25	0.0	0.25	(0.0)
olv41*	0.25	0.0	0.25	(0.0)
olv42*	0.25	0.0	0.25	(0.0)
olv43*	0.25	0.0	0.25	(0.0)
olv44*	0.25	0.0	0.25	(0.0)
olv45*	0.25	0.0	0.25	(0.0)
olv46*	0.25	0.0	0.25	(0.0)
olv47*	0.25	0.0	0.25	(0.0)
olv48*	0.25	0.0	0.25	(0.0)
olv49*	0.25	0.0	0.25	(0.0)
olv50*	0.25	0.0	0.25	(0.0)
olv51*	0.25	0.0	0.25	(0.0)
olv52*	0.25	0.0	0.25	(0.0)
olv53*	0.25	0.0	0.25	(0.0)
olv54*	0.25	0.0	0.25	(0.0)
olv55*	0.25	0.0	0.25	(0.0)
olv56*	0.25	0.0	0.25	(0.0)
olv57*	0.25	0.0	0.25	(0.0)
olv58*	0.25	0.0	0.25	(0.0)
olv59*	0.25	0.0	0.25	(0.0)
olv60*	0.25	0.0	0.25	(0.0)
olv61*	0.25	0.0	0.25	(0.0)
olv62*	0.25	0.0	0.25	(0.0)
olv63*	0.25	0.0	0.25	(0.0)
olv64*	0.25	0.0	0.25	(0.0)
olv65*	0.25	0.0	0.25	(0.0)
olv66*	0.25	0.0	0.25	(0.0)
olv67*	0.25	0.0	0.25	(0.0)
olv68*	0.25	0.0	0.25	(0.0)
olv69*	0.25	0.0	0.25	(0.0)
olv70*	0.25	0.0	0.25	(0.0)
olv71*	0.25	0.0	0.25	(0.0)
olv72*	0.25	0.0	0.25	(0.0)
olv73*	0.25	0.0	0.25	(0.0)
olv74*	0.25	0.0	0.25	(0.0)
olv75*	0.25	0.0	0.25	(0.0)
olv76*	0.25	0.0	0.25	(0.0)
olv77*	0.25	0.0	0.25	(0.0)
olv78*	0.25	0.0	0.25	(0.0)
olv79*	0.25	0.0	0.25	(0.0)
olv80*	0.25	0.0	0.25	(0.0)
olv81*	0.25	0.0	0.25	(0.0)
olv82*	0.25	0.0	0.25	(0.0)
olv83*	0.25	0.0	0.25	(0.0)
olv84*	0.25	0.0	0.25	(0.0)
olv85*	0.25	0.0	0.25	(0.0)
olv86*	0.25	0.0	0.25	(0.0)
olv87*	0.25	0.0	0.25	(0.0)
olv88*	0.25	0.0	0.25	(0.0)
olv89*	0.25	0.0	0.25	(0.0)
olv90*	0.25	0.0	0.25	(0.0)
olv91*	0.25	0.0	0.25	(0.0)
olv92*	0.25	0.0	0.25	(0.0)
olv93*	0.25	0.0	0.25	(0.0)
olv94*	0.25	0.0	0.25	(0.0)
olv95*	0.25	0.0	0.25	(0.0)
olv96*	0.25	0.0	0.25	(0.0)
olv97*	0.25	0.0	0.25	(0.0)
olv98*	0.25	0.0	0.25	(0.0)
olv99*	0.25	0.0	0.25	(0.0)
olv100*	0.25	0.0	0.25	(0.0)

relative Inform. Technology (IT)

olv3*	0.5	1.0	0.5	(1.0)
olv4*	0.25	0.0	0.25	(0.0)
olv5*	0.25	0.0	0.25	(0.0)
olv6*	0.25	0.0	0.25	(0.0)
olv7*	0.25	0.0	0.25	(0.0)
olv8*	0.25	0.0	0.25	(0.0)
olv9*	0.25	0.0	0.25	(0.0)
olv10*	0.25	0.0	0.25	(0.0)
olv11*	0.25	0.0	0.25	(0.0)
olv12*	0.25	0.0	0.25	(0.0)
olv13*	0.25	0.0	0.25	(0.0)
olv14*	0.25	0.0	0.25	(0.0)
olv15*	0.25	0.0	0.25	(0.0)
olv16*	0.25	0.0	0.25	(0.0)
olv17*	0.25	0.0	0.25	(0.0)
olv18*	0.25	0.0	0.25	(0.0)
olv19*	0.25	0.0	0.25	(0.0)
olv20*	0.25	0.0	0.25	(0.0)
olv21*	0.25	0.0	0.25	(0.0)
olv22*	0.25	0.0	0.25	(0.0)
olv23*	0.25	0.0	0.25	(0.0)
olv24*	0.25	0.0	0.25	(0.0)
olv25*	0.25	0.0	0.25	(0.0)
olv26*	0.25	0.0	0.25	(0.0)
olv27*	0.25	0.0	0.25	(0.0)
olv28*	0.25	0.0	0.25	(0.0)
olv29*	0.25	0.0	0.25	(0.0)
olv30*	0.25	0.0	0.25	(0.0)
olv31*	0.25	0.0	0.25	(0.0)
olv32*	0.25	0.0	0.25	(0.0)
olv33*	0.25	0.0	0.25	(0.0)
olv34*	0.25	0.0	0.25	(0.0)
olv35*	0.25	0.0	0.25	(0.0)
olv36*	0.25	0.0	0.25	(0.0)
olv37*	0.25	0.0	0.25	(0.0)
olv38*	0.25	0.0	0.25	(0.0)
olv39*	0.25	0.0	0.25	(0.0)
olv40*	0.25	0.0	0.25	(0.0)
olv41*	0.25	0.0	0.25	(0.0)
olv42*	0.25	0.0	0.25	(0.0)
olv43*	0.25	0.0	0.25	(0.0)
olv44*	0.25	0.0	0.25	(0.0)
olv45*	0.25	0.0	0.25	(0

Eingabe: Farbmetrisches Natürliches-Reflektiv-System CNS18

für Buntton $h^* = lab^*h = 203/360 = 0.564$

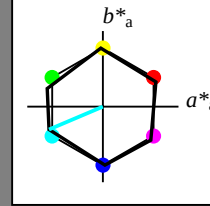
lab^*ch und lab^*nch

D65: Buntton G50B

LCH*Ma: 57 77 203

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*LAB 95.41 0.0 0.0
LAB*TCRa 99.99 0.01

relative CIELAB lab*
lab*lab 1.0 0.0 0.0
lab*ch 0.0 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*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 76.07 0.0 0.0
LAB*LAB 76.07 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*tc 0.75 0.0 0.0
lab*ncc 0.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.5 0.5 0.5 (0.0)
cmyn3* 0.5 0.5 0.5 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 56.72 0.0 0.0
LAB*LAB 56.72 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*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 (0.0)
cmyn3* 0.75 0.75 0.75 (1.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 37.37 0.0 0.0
LAB*LAB 37.37 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*tc 0.25 0.0 0.0
lab*ncc 0.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 1.0 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 18.03 0.0 0.0
LAB*LAB 18.03 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*tc 0.0 0.0 0.0
lab*ncc 1.0 0.0 0.0

$n^* = 1.0$

CNS18; adaptierte CIELAB-Daten

	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
RMa	56.7	70.15	32.71	77.4	25
JMa	56.7	-2.69	77.35	77.4	92
GMa	56.7	-73.6	23.92	77.4	162
G50BMa	56.7	-71.24	-30.23	77.4	203
BMa	56.7	2.7	-77.34	77.4	272
B50RMa	56.7	63.4	-44.38	77.4	325
NMa	18.01	0.0	0.0	0.0	0
WMa	95.41	0.0	0.0	0.0	0
RCIE	39.92	58.74	27.99	65.07	25
JCIE	81.26	-2.88	71.56	71.62	92
GCIE	52.23	-42.41	13.6	44.55	162
BCIE	30.57	1.41	-46.46	46.49	272

%Regularität

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

$g^*_{C,rel} = 100$

relative Inform. Technology (IT)
olv3* 0.5 1.0 1.0 (1.0)
cmyn3* 0.5 0.0 0.0 (0.0)
olv4* 0.5 1.0 1.0 (1.0)
cmyn4* 0.5 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 76.05 -35.61 -15.11
LAB*LAB 76.05 -35.61 -15.11
LAB*TCRa 75.00 38.69 20.30

relative CIELAB lab*
lab*lab 0.75 -0.459 -0.194
lab*ch 0.75 0.5 0.564
lab*nch 0.0 0.5 0.564
relative Natural Colour (NC)
lab*tr 0.75 -0.416 -0.275
lab*tc 0.75 0.5 0.593
lab*ncc 0.0 0.5 0.676

relative Inform. Technology (IT)
olv3* 0.25 0.5 0.5 (1.0)
cmyn3* 0.75 0.25 0.25 (0.0)
olv4* 0.5 1.0 1.0 (1.0)
cmyn4* 0.5 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 56.71 -35.61 -15.11
LAB*LAB 56.71 -35.61 -15.11
LAB*TCRa 50.00 38.69 20.30

relative CIELAB lab*
lab*lab 0.5 -0.459 -0.194
lab*ch 0.5 0.5 0.564
lab*nch 0.0 0.5 0.564
relative Natural Colour (NC)
lab*tr 0.5 -0.416 -0.275
lab*tc 0.5 0.5 0.593
lab*ncc 0.0 0.5 0.676

relative Inform. Technology (IT)
olv3* 0.0 0.5 0.5 (0.0)
cmyn3* 1.0 0.5 0.5 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.5 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 37.36 -35.61 -15.11
LAB*LAB 37.36 -35.61 -15.11
LAB*TCRa 25.01 38.69 20.30

relative CIELAB lab*
lab*lab 0.25 -0.459 -0.194
lab*ch 0.25 0.5 0.564
lab*nch 0.0 0.5 0.564
relative Natural Colour (NC)
lab*tr 0.25 -0.416 -0.275
lab*tc 0.25 0.5 0.593
lab*ncc 0.0 0.5 0.676

$n^* = 0.50$

relative Inform. Technology (IT)
olv3* 0.25 1.0 1.0 (1.0)
cmyn3* 0.75 0.0 0.0 (0.0)
olv4* 0.25 1.0 1.0 (1.0)
cmyn4* 0.75 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 66.37 -53.42 -22.67
LAB*LAB 66.37 -53.42 -22.67
LAB*TCRa 62.5 58.04 20.30

relative CIELAB lab*
lab*lab 0.625 -0.689 -0.292
lab*ch 0.625 0.75 0.564
lab*nch 0.0 0.75 0.564
relative Natural Colour (NC)
lab*tr 0.625 -0.624 -0.413
lab*tc 0.625 0.75 0.593
lab*ncc 0.0 0.75 0.676

relative Inform. Technology (IT)
olv3* 0.0 0.25 0.25 (0.0)
cmyn3* 1.0 0.25 0.25 (0.0)
olv4* 0.25 1.0 1.0 (1.0)
cmyn4* 0.75 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 56.7 -71.22 -30.23
LAB*LAB 56.7 -71.22 -30.23
LAB*TCRa 50.00 77.38 20.30

relative CIELAB lab*
lab*lab 0.5 -0.919 -0.39
lab*ch 0.5 0.0 0.564
lab*nch 0.0 0.0 0.564
relative Natural Colour (NC)
lab*tr 0.5 -0.833 -0.551
lab*tc 0.5 0.0 0.593
lab*ncc 0.0 1.0 0.676

relative Inform. Technology (IT)
olv3* 0.375 0.689 -0.292
lab*ch 0.375 0.75 0.564
lab*nch 0.0 0.75 0.564
relative Natural Colour (NC)
lab*tr 0.375 -0.624 -0.413
lab*tc 0.375 0.75 0.593
lab*ncc 0.25 0.75 0.676

$n^* = 0.25$

relative Inform. Technology (IT)
olv3* 0.125 -0.229 -0.097
lab*ch 0.125 0.25 0.564
lab*nch 0.0 0.25 0.564
relative Natural Colour (NC)
lab*tr 0.125 -0.207 -0.137
lab*tc 0.125 0.25 0.593
lab*ncc 0.0 0.25 0.676

$n^* = 0.00$

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 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 18.03 0.0 0.0
LAB*LAB 18.03 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*tc 0.0 0.0 0.0
lab*ncc 1.0 0.0 0.0

relative Buntheit c^*

Ausgabe: Farbmetrisches Fernseh-Licht-System TLS18

für Buntton $h^* = lab^*h = 203/360 = 0.564$

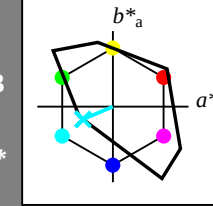
lab^*ch und lab^*nch

D65: Buntton C

LCH*Ma: 85 43 203

olv*Ma: 0.0 0.96 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*LAB 95.41 0.0 0.0
LAB*TCRa 99.99 0.01

relative CIELAB lab*
lab*lab 1.0 0.0 0.0
lab*ch 0.0 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*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 76.07 0.0 0.0
LAB*LAB 76.07 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*tc 0.75 0.0 0.0
lab*ncc 0.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.5 0.5 0.5 (0.0)
cmyn3* 0.5 0.5 0.5 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 56.72 0.0 0.0
LAB*LAB 56.72 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*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 (0.0)
cmyn3* 0.75 0.75 0.75 (1.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 37.37 0.0 0.0
LAB*LAB 37.37 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*tc 0.25 0.0 0.0
lab*ncc 0.0 0.0 0.0

$n^* = 0.25$

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 1.0 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 18.03 0.0 0.0
LAB*LAB 18.03 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*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 0.989 1.0 (1.0)
cmyn3* 0.25 0.011 0.0 (0.0)
olv4* 0.75 0.989 1.0 (1.0)
cmyn4* 0.25 0.011 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 92.76 -9.88 -4.18
LAB*LAB 92.76 -9.88 -4.18
LAB*TCRa 87.5 10.74 20.94

relative CIELAB lab*
lab*lab 0.952 -0.459 -0.194
lab*ch 0.875 0.25 0.564
lab*nch 0.0 0.25 0.564
relative Natural Colour (NC)
lab*tr 0.956 -0.207 -0.137
lab*tc 0.875 0.25 0.593
lab*ncc 0.0 0.25 0.676

relative Buntheit c^*

TLS18; adaptierte CIELAB-Daten

	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
OMa	52.76	71.63	49.88	87.29	35
YMa	92.74	-20.02	84.97	87.3	103
LMa	84.0	-78.98	73.94	108.2	137
CLMa	87.14	-44.41	-13.11	46.32	196
VMa	35.47	64.92	-95.06	115.12	304
MMa	59.01	89.33	-55.67	105.26	328
NMa	18.01	0.0	0.0	0.0	0
WMa	95.41	0.0	0.0	0.0	0
RCIE	39.92	58.74	27.99	65.07	25
JCIE	81.26	-2.88	71.56	71.62	92
GCIE	52.23	-42.41	13.6	44.55	162
BCIE	30.57	1.41	-46.46	46.49	272

%Regularität

$g^*_{H,rel} = 22$

$g^*_{C,rel} = 40$

relative Inform. Technology (IT)
olv3* 0.5 0.978 1.0 (1.0)
cmyn3* 0.5 0.022 0.0 (0.0)
olv4* 0.5 0.978 1.0 (1.0)
cmyn4* 0.5 0.022 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 90.12 -19.76 -8.37
LAB*LAB 90.12 -19.76 -8.37
LAB*TCRa 75.00 21.48 20.97

relative CIELAB lab*
lab*lab 0.952 -0.459 -0.194
lab*ch 0.75 0.5 0.564
lab*nch 0.0 0.5 0.564
relative Natural Colour (NC)
lab*tr 0.952 -0.416 -0.275
lab*tc 0.75 0.5 0.593
lab*ncc 0.0 0.5 0.676

relative Inform. Technology (IT)
olv3* 0.25 0.728 0.75 (1.0)
cmyn3* 0.75 0.272 0.25 (0.0)
olv4* 0.5 0.978 1.0 (1.0)
cmyn4* 0.5 0.022 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 70.77 -19.76 -8.38
LAB*LAB 70.77 -19.76 -8.38
LAB*TCRa 50.00 21.47 20.30

relative CIELAB lab*
lab*lab 0.716 -0.229 -0.097
lab*ch 0.625 0.25 0.564
lab*nch 0.0 0.25 0.564
relative Natural Colour (NC)
lab*tr 0.716 -0.207 -0.137
lab*tc 0.625 0.25 0.593
lab*ncc 0.0 0.25 0.676

relative Inform. Technology (IT)
olv3* 0.0 0.489 0.5 (1.0)
cmyn3* 0.75 0.511 0.5 (0.0)
olv4* 0.75 0.989 1.0 (1.0)
cmyn4* 0.25 0.011 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 54.07 -9.87 -4.19
LAB*LAB 54.07 -9.87 -4.19
LAB*TCRa 37.5 10.74 20.30

relative CIELAB lab*
lab*lab 0.466 -0.229 -0.097
lab*ch 0.375 0.25 0.564
lab*nch 0.0 0.25 0.564
relative Natural Colour (NC)
lab*tr 0.466 -0.207 -0.137
lab*tc 0.375 0.25 0.593
lab*ncc 0.0 0.25 0.676

$n^* = 0.50$

relative Inform. Technology (IT)
olv3* 0.0 0.239 0.25 (1.0)
cmyn3* 1.0 0.761 0.75 (0.0)
olv4* 0.75 0.989 1.0 (1.0)
cmyn4* 0.25 0.011 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 34.72 -9.87 -4.18
LAB*LAB 34.72 -9.87 -4.18
LAB*TCRa 12.5 10.73 20.30

relative CIELAB lab*
lab*lab 0.432 -0.229 -0.097
lab*ch 0.125 0.25 0.564
lab*nch 0.0 0.25 0.564
relative Natural Colour (NC)
lab*tr 0.432 -0.207 -0.137
lab*tc 0.125 0.25 0.593
lab*ncc 0.0 0.25 0.676

$n^* = 0.25$

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 1.0 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 18.03 0.0 0.0
LAB*LAB 18.03 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*tc 0.0 0.0 0.0
lab*ncc 1.0 0.0 0.0

relative Buntheit c^*

relative Inform. Technology (IT)
olv3* 0.25 0.966 1.0 (1.0)
cmyn3* 0.75 0.034 0.0 (0.0)
olv4* 0.25 0.966 1.0 (1.0)
cmyn4* 0.75 0.034 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 87.47 -29.65 -12.57
LAB*LAB 87.47 -29.65 -12.57
LAB*TCRa 62.5 32.21 20.98

relative CIELAB lab*
lab*lab 0.897 -0.624 -0.413
lab*ch 0.625 0.75 0.593
lab*nch 0.0 0.75 0.676
relative Natural Colour (NC)
lab*tr 0.897 -0.624 -0.413
lab*tc 0.625 0.75 0.593
lab*ncc 0.0 0.75 0.676

relative Inform. Technology (IT)
olv3* 0.0 0.716 0.75 (1.0)
cmyn3* 1.0 0.284 0.25 (0.0)
olv4* 0.25 0.966 1.0 (1.0)
cmyn4* 0.75 0.034 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 68.11 -29.64 -12.57
LAB*LAB 68.11 -29.64 -12.57
LAB*TCRa 37.51 32.21 20.30

Eingabe: Farbmetrisches Natürliches-Reflektiv-System CNS18

für Buntton $h^* = lab^*h = 272/360 = 0.756$

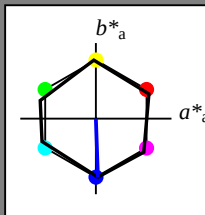
lab^*ch und lab^*nch

D65: Buntton B

LCH*Ma: 57 77 272

olv*Ma: 0.0 0.0 1.0

Dreiecks-Helligkeit t^*



%Umfang

$u^*_{rel} = 100$

relative Inform. Technology (IT)

olv3*	1.0	1.0	1.0	(1.0)
olv4*	0.0	0.0	0.0	(0.0)
olv5*	0.0	0.0	0.0	(0.0)
olv6*	0.0	0.0	0.0	(0.0)
olv7*	0.0	0.0	0.0	(0.0)
olv8*	0.0	0.0	0.0	(0.0)
olv9*	0.0	0.0	0.0	(0.0)
olv10*	0.0	0.0	0.0	(0.0)
olv11*	0.0	0.0	0.0	(0.0)
olv12*	0.0	0.0	0.0	(0.0)
olv13*	0.0	0.0	0.0	(0.0)
olv14*	0.0	0.0	0.0	(0.0)
olv15*	0.0	0.0	0.0	(0.0)
olv16*	0.0	0.0	0.0	(0.0)
olv17*	0.0	0.0	0.0	(0.0)
olv18*	0.0	0.0	0.0	(0.0)
olv19*	0.0	0.0	0.0	(0.0)
olv20*	0.0	0.0	0.0	(0.0)
olv21*	0.0	0.0	0.0	(0.0)
olv22*	0.0	0.0	0.0	(0.0)
olv23*	0.0	0.0	0.0	(0.0)
olv24*	0.0	0.0	0.0	(0.0)
olv25*	0.0	0.0	0.0	(0.0)
olv26*	0.0	0.0	0.0	(0.0)
olv27*	0.0	0.0	0.0	(0.0)
olv28*	0.0	0.0	0.0	(0.0)
olv29*	0.0	0.0	0.0	(0.0)
olv30*	0.0	0.0	0.0	(0.0)
olv31*	0.0	0.0	0.0	(0.0)
olv32*	0.0	0.0	0.0	(0.0)
olv33*	0.0	0.0	0.0	(0.0)
olv34*	0.0	0.0	0.0	(0.0)
olv35*	0.0	0.0	0.0	(0.0)
olv36*	0.0	0.0	0.0	(0.0)
olv37*	0.0	0.0	0.0	(0.0)
olv38*	0.0	0.0	0.0	(0.0)
olv39*	0.0	0.0	0.0	(0.0)
olv40*	0.0	0.0	0.0	(0.0)
olv41*	0.0	0.0	0.0	(0.0)
olv42*	0.0	0.0	0.0	(0.0)
olv43*	0.0	0.0	0.0	(0.0)
olv44*	0.0	0.0	0.0	(0.0)
olv45*	0.0	0.0	0.0	(0.0)
olv46*	0.0	0.0	0.0	(0.0)
olv47*	0.0	0.0	0.0	(0.0)
olv48*	0.0	0.0	0.0	(0.0)
olv49*	0.0	0.0	0.0	(0.0)
olv50*	0.0	0.0	0.0	(0.0)
olv51*	0.0	0.0	0.0	(0.0)
olv52*	0.0	0.0	0.0	(0.0)
olv53*	0.0	0.0	0.0	(0.0)
olv54*	0.0	0.0	0.0	(0.0)
olv55*	0.0	0.0	0.0	(0.0)
olv56*	0.0	0.0	0.0	(0.0)
olv57*	0.0	0.0	0.0	(0.0)
olv58*	0.0	0.0	0.0	(0.0)
olv59*	0.0	0.0	0.0	(0.0)
olv60*	0.0	0.0	0.0	(0.0)
olv61*	0.0	0.0	0.0	(0.0)
olv62*	0.0	0.0	0.0	(0.0)
olv63*	0.0	0.0	0.0	(0.0)
olv64*	0.0	0.0	0.0	(0.0)
olv65*	0.0	0.0	0.0	(0.0)
olv66*	0.0	0.0	0.0	(0.0)
olv67*	0.0	0.0	0.0	(0.0)
olv68*	0.0	0.0	0.0	(0.0)
olv69*	0.0	0.0	0.0	(0.0)
olv70*	0.0	0.0	0.0	(0.0)
olv71*	0.0	0.0	0.0	(0.0)
olv72*	0.0	0.0	0.0	(0.0)
olv73*	0.0	0.0	0.0	(0.0)
olv74*	0.0	0.0	0.0	(0.0)
olv75*	0.0	0.0	0.0	(0.0)
olv76*	0.0	0.0	0.0	(0.0)
olv77*	0.0	0.0	0.0	(0.0)
olv78*	0.0	0.0	0.0	(0.0)
olv79*	0.0	0.0	0.0	(0.0)
olv80*	0.0	0.0	0.0	(0.0)
olv81*	0.0	0.0	0.0	(0.0)
olv82*	0.0	0.0	0.0	(0.0)
olv83*	0.0	0.0	0.0	(0.0)
olv84*	0.0	0.0	0.0	(0.0)
olv85*	0.0	0.0	0.0	(0.0)
olv86*	0.0	0.0	0.0	(0.0)
olv87*	0.0	0.0	0.0	(0.0)
olv88*	0.0	0.0	0.0	(0.0)
olv89*	0.0	0.0	0.0	(0.0)
olv90*	0.0	0.0	0.0	(0.0)
olv91*	0.0	0.0	0.0	(0.0)
olv92*	0.0	0.0	0.0	(0.0)
olv93*	0.0	0.0	0.0	(0.0)
olv94*	0.0	0.0	0.0	(0.0)
olv95*	0.0	0.0	0.0	(0.0)
olv96*	0.0	0.0	0.0	(0.0)
olv97*	0.0	0.0	0.0	(0.0)
olv98*	0.0	0.0	0.0	(0.0)
olv99*	0.0	0.0	0.0	(0.0)
olv100*	0.0	0.0	0.0	(0.0)

relative Inform. Technology (IT)

olv3*	0.75	0.75	0.75	(1.0)
olv4*	0.25	0.25	0.25	(0.0)
olv5*	0.25	0.25	0.25	(0.0)
olv6*	0.25	0.25	0.25	(0.0)
olv7*	0.25	0.25	0.25	(0.0)
olv8*	0.25	0.25	0.25	(0.0)
olv9*	0.25	0.25	0.25	(0.0)
olv10*	0.25	0.25	0.25	(0.0)
olv11*	0.25	0.25	0.25	(0.0)
olv12*	0.25	0.25	0.25	(0.0)
olv13*	0.25	0.25	0.25	(0.0)
olv14*	0.25	0.25	0.25	(0.0)
olv15*	0.25	0.25	0.25	(0.0)
olv16*	0.25	0.25	0.25	(0.0)
olv17*	0.25	0.25	0.25	(0.0)
olv18*	0.25	0.25	0.25	(0.0)
olv19*	0.25	0.25	0.25	(0.0)
olv20*	0.25	0.25	0.25	(0.0)
olv21*	0.25	0.25	0.25	(0.0)
olv22*	0.25	0.25	0.25	(0.0)
olv23*	0.25	0.25	0.25	(0.0)
olv24*	0.25	0.25	0.25	(0.0)
olv25*	0.25	0.25	0.25	(0.0)
olv26*	0.25	0.25	0.25	(0.0)
olv27*	0.25	0.25	0.25	(0.0)
olv28*	0.25	0.25	0.25	(0.0)
olv29*	0.25	0.25	0.25	(0.0)
olv30*	0.25	0.25	0.25	(0.0)
olv31*	0.25	0.25	0.25	(0.0)
olv32*	0.25	0.25	0.25	(0.0)
olv33*	0.25	0.25	0.25	(0.0)
olv34*	0.25	0.25	0.25	(0.0)
olv35*	0.25	0.25	0.25	(0.0)
olv36*	0.25	0.25	0.25	(0.0)
olv37*	0.25	0.25	0.25	(0.0)
olv38*	0.25	0.25	0.25	(0.0)
olv39*	0.25	0.25	0.25	(0.0)
olv40*	0.25	0.25	0.25	(0.0)
olv41*	0.25	0.25	0.25	(0.0)
olv42*	0.25	0.25	0.25	(0.0)
olv43*	0.25	0.25	0.25	(0.0)
olv44*	0.25	0.25	0.25	(0.0)
olv45*	0.25	0.25	0.25	(0.0)
olv46*	0.25	0.25	0.25	(0.0)
olv47*	0.25	0.25	0.25	(0.0)
olv48*	0.25	0.25	0.25	(0.0)
olv49*	0.25	0.25	0.25	(0.0)
olv50*	0.25	0.25	0.25	(0.0)
olv51*	0.25	0.25	0.25	(0.0)
olv52*	0.25	0.25	0.25	(0.0)
olv53*	0.25	0.25	0.25	(0.0)
olv54*	0.25	0.25	0.25	(0.0)
olv55*	0.25	0.25	0.25	(0.0)
olv56*	0.25	0.25	0.25	(0.0)
olv57*	0.25	0.25	0.25	(0.0)
olv58*	0.25	0.25	0.25	(0.0)
olv59*	0.25	0.25	0.25	(0.0)
olv60*	0.25	0.25	0.25	(0.0)
olv61*	0.25	0.25	0.25	(0.0)
olv62*	0.25	0.25	0.25	(0.0)
olv63*	0.25	0.25	0.25	(0.0)
olv64*	0.25	0.25	0.25	(0.0)
olv65*	0.25	0.25	0.25	(0.0)
olv66*	0.25	0.25	0.25	(0.0)
olv67*	0.25	0.25	0.25	(0.0)
olv68*	0.25	0.25	0.25	(0.0)
olv69*	0.25	0.25	0.25	(0.0)
olv70*	0.25	0.25	0.25	(0.0)
olv71*	0.25	0.25	0.25	(0.0)
olv72*	0.25	0.25	0.25	(0.0)
olv73*	0.25	0.25	0.25	(0.0)
olv74*	0.25	0.25	0.25	(0.0)
olv75*	0.25	0.25	0.25	(0.0)
olv76*	0.25	0.25	0.25	(0.0)
olv77*	0.25	0.25	0.25	(0.0)
olv78*	0.25	0.25	0.25	(0.0)
olv79*	0.25	0.25	0.25	(0.0)
olv80*	0.25	0.25	0.25	(0.0)
olv81*	0.25	0.25	0.25	(0.0)
olv82*	0.25	0.25	0.25	(0.0)
olv83*	0.25	0.25	0.25	(0.0)
olv84*	0.25	0.25	0.25	(0.0)
olv85*	0.25	0.25	0.25	(0.0)
olv86*	0.25	0.25	0.25	(0.0)
olv87*	0.25	0.25	0.25	(0.0)
olv88*	0.25	0.25	0.25	(0.0)
olv89*	0.25	0.25	0.25	(0.0)
olv90*	0.25	0.25	0.25	(0.0)
olv91*	0.25	0.25	0.25	(0.0)
olv92*	0.25	0.25	0.25	(0.0)
olv93*	0.25	0.25	0.25	(0.0)
olv94*	0.25	0.25	0.25	(0.0)
olv95*	0.25	0.25	0.25	(0.0)
olv96*	0.25	0.25	0.25	(0.0)
olv97*	0.25	0.25	0.25	(0.0)
olv98*	0.25	0.25	0.25	(0.0)
olv99*	0.25	0.25	0.25	(0.0)
olv100*	0.25	0.25	0.25	(0.0)

relative CIELAB lab*			
lab*lab	0.875	0.009	-0.249
lab*ch	0.875	0.25	0.756
lab*ncch	0.0	0.25	0.756
relative Natural Colour (NC)			
lab*lrj	0.875	0.001	-0.249
lab*tc	0.875	0.25	0.751
lab*ncE	0.0	0.25	b00r

Eingabe: Farbmetrisches Natürliches-Reflektiv-System CNS18

für Buntton $h^* = lab^*h = 325/360 = 0.903$

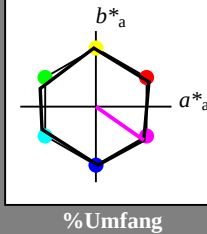
lab^*tch und lab^*nch

D65: Buntton B50R

LCH*Ma: 57 77 325

olv*Ma: 1.0 0.0 1.0

Dreiecks-Helligkeit t^*



relative Inform. Technology (IT)
olv3* 1.0 1.0 1.0 (1.0)
cmv3* 0.0 0.0 0.0 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmv4* 0.0 0.0 0.0 (0.0)
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*tch 0.0 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 1.0 0.0 0.0
lab*tce 1.0 0.0 0.0
lab*nce 0.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.75 0.75 0.75 (1.0)
cmv3* 0.25 0.25 0.25 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmv4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 76.07 0.0 0.0
LAB*LABa 76.07 0.0 0.0
LAB*LABb 76.07 0.0 0.0

relative CIELAB lab*
lab*lab 0.75 0.0 0.0
lab*tch 0.75 0.0 0.0
lab*nch 0.75 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.75 0.0 0.0
lab*tce 0.75 0.0 0.0
lab*nce 0.75 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.5 0.5 0.5 (0.0)
cmv3* 0.5 0.5 0.5 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmv4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 56.72 0.0 0.0
LAB*LABa 56.72 0.0 0.0
LAB*LABb 56.72 0.0 0.0

relative CIELAB lab*
lab*lab 0.5 0.0 0.0
lab*tch 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*tce 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)
cmv3* 0.75 0.75 0.75 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmv4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 37.37 0.0 0.0
LAB*LABa 37.37 0.0 0.0
LAB*LABb 37.37 0.0 0.0

relative CIELAB lab*
lab*lab 0.25 0.0 0.0
lab*tch 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*tce 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)
cmv3* 1.0 1.0 1.0 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmv4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 18.03 0.0 0.0
LAB*LABa 18.03 0.0 0.0
LAB*LABb 18.03 0.0 0.0

relative CIELAB lab*
lab*lab 0.0 0.0 0.0
lab*tch 0.0 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.0 0.0 0.0
lab*tce 0.0 0.0 0.0
lab*nce 0.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (1.0)
cmv3* 1.0 1.0 1.0 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmv4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 0.01 0.01 0.01
LAB*LABa 0.01 0.01 0.01
LAB*LABb 0.01 0.01 0.01

relative CIELAB lab*
lab*lab 0.0 0.0 0.0
lab*tch 0.0 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.0 0.0 0.0
lab*tce 0.0 0.0 0.0
lab*nce 0.0 0.0 0.0

CNS18; adaptierte CIELAB-Daten

	L*	a*	b*	C* _{ab,a}	h* _{ab,a}
RMa	56.7	70.15	32.71	77.4	25
JMa	56.7	-2.69	77.35	77.4	92
GMa	56.7	-73.6	23.92	77.4	162
G50BMa	56.7	-71.24	-30.23	77.4	203
BMa	56.7	2.7	-77.34	77.4	272
B50RMa	56.7	63.4	-44.38	77.4	325
NMa	18.01	0.0	0.0	0.0	0
WMa	95.41	0.0	0.0	0.0	0
RCIE	39.92	58.74	27.99	65.07	25
JCIE	81.26	-2.88	71.56	71.62	92
GCIE	52.23	-42.41	13.6	44.55	162
BCIE	30.57	1.41	-46.46	46.49	272

%Regularität

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

$g^*_{C,rel} = 100$

%Umfang

$u^*_{rel} = 100$

%Schwarzheit n^*

$n^* = 0.00$

$n^* = 0.25$

$n^* = 0.50$

$n^* = 0.75$

$n^* = 1.00$

$n^* = 1.25$

$n^* = 1.50$

$n^* = 1.75$

$n^* = 2.00$

$n^* = 2.25$

$n^* = 2.50$

$n^* = 2.75$

$n^* = 3.00$

$n^* = 3.25$

$n^* = 3.50$

$n^* = 3.75$

$n^* = 4.00$

$n^* = 4.25$

$n^* = 4.50$

$n^* = 4.75$

$n^* = 5.00$

$n^* = 5.25$

$n^* = 5.50$

$n^* = 5.75$

$n^* = 6.00$

$n^* = 6.25$

$n^* = 6.50$

$n^* = 6.75$

$n^* = 7.00$

Ausgabe: Farbmetrisches Fernseh-Licht-System TLS18

für Buntton $h^* = lab^*h = 325/360 = 0.903$

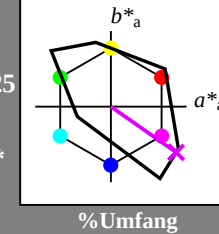
lab^*tch und lab^*nch

D65: Buntton M

LCH*Ma: 56 105 325

olv*Ma: 0.88 0.0 1.0

Dreiecks-Helligkeit t^*



relative Inform. Technology (IT)
olv3* 1.0 1.0 1.0 (1.0)
cmv3* 0.0 0.0 0.0 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmv4* 0.0 0.0 0.0 (0.0)
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*tch 0.0 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 1.0 0.0 0.0
lab*tce 1.0 0.0 0.0
lab*nce 0.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.75 0.75 0.75 (1.0)
cmv3* 0.25 0.25 0.25 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmv4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 76.07 0.0 0.0
LAB*LABa 76.07 0.0 0.0
LAB*LABb 76.07 0.0 0.0

relative CIELAB lab*
lab*lab 0.75 0.0 0.0
lab*tch 0.75 0.0 0.0
lab*nch 0.75 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.75 0.0 0.0
lab*tce 0.75 0.0 0.0
lab*nce 0.75 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.5 0.5 0.5 (0.0)
cmv3* 0.5 0.5 0.5 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmv4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 56.72 0.0 0.0
LAB*LABa 56.72 0.0 0.0
LAB*LABb 56.72 0.0 0.0

relative CIELAB lab*
lab*lab 0.5 0.0 0.0
lab*tch 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*tce 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)
cmv3* 0.75 0.75 0.75 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmv4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 37.37 0.0 0.0
LAB*LABa 37.37 0.0 0.0
LAB*LABb 37.37 0.0 0.0

relative CIELAB lab*
lab*lab 0.25 0.0 0.0
lab*tch 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*tce 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)
cmv3* 1.0 1.0 1.0 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmv4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 18.03 0.0 0.0
LAB*LABa 18.03 0.0 0.0
LAB*LABb 18.03 0.0 0.0

relative CIELAB lab*
lab*lab 0.0 0.0 0.0
lab*tch 0.0 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.0 0.0 0.0
lab*tce 0.0 0.0 0.0
lab*nce 0.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (1.0)
cmv3* 1.0 1.0 1.0 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmv4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 0.01 0.01 0.01
LAB*LABa 0.01 0.01 0.01
LAB*LABb 0.01 0.01 0.01

relative CIELAB lab*
lab*lab 0.0 0.0 0.0
lab*tch 0.0 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*trj 0.0 0.0 0.0
lab*tce 0.0 0.0 0.0
lab*nce 0.0 0.0 0.0

TLS18; adaptierte CIELAB-Daten

	L*	a*	b*	C* _{ab,a}	h* _{ab,a}
OMa	52.76	71.63	49.88	87.29	35
YMa	92.74	-20.02	84.97	87.3	103
LMa	84.0	-78.98	73.94	108.2	137
CLMa	87.14	-44.41	-13.11	46.32	196
VMa	35.47	64.92	-95.06	115.12	304
MMa	59.01	89.33	-55.67	105.26	328
NMa	18.01	0.0	0.0	0.0	0
WMa	95.41	0.0	0.0	0.0	0
RCIE	39.92	58.74	27.99	65.07	25
JCIE	81.26	-2.88	71.56	71.62	92
GCIE	52.23	-42.41	13.6	44.55	162
BCIE	30.57	1.41	-46.46	46.49	272

%Regularität

$g^*_{H,rel} = 22$

$g^*_{C,rel} = 40$

%Umfang

$u^*_{rel} = 118$

%Schwarzheit n^*

$n^* = 0.00$

$n^* = 0.25$

$n^* = 0.50$

$n^* = 0.75$

$n^* = 1.00$

$n^* = 1.25$

$n^* = 1.50$

$n^* = 1.75$

$n^* = 2.00$

$n^* = 2.25$

$n^* = 2.50$

$n^* = 2.75$

$n^* = 3.00$

$n^* = 3.25$

$n^* = 3.50$

$n^* = 3.75$

$n^* = 4.00$

$n^* = 4.25$

$n^* = 4.50$

$n^* = 4.75$

$n^* = 5.00$

$n^* = 5.25$

$n^* = 5.50$

$n^* = 5.75$

$n^* = 6.00$

$n^* = 6.25$

$n^* = 6.50$

$n^* = 6.75$

$n^* = 7.00$

VG650-7, 5 stufige Reihen für konstanten CIELAB Buntton 325/360 = 0.903 (links)

5 stufige Reihen für konstanten CIELAB Buntton 325/360 = 0.903 (rechts)

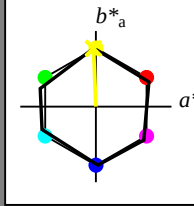
BAM-Prüfvorlage VG65; Farbmetrik-Systeme CNS18 & TLS18 input: olv* setrgbcolor

D65: 2 Koordinatendaten; 5stufige Farbreihen für 10 Bunttöne output: olv* (TRI9) setrgbcolor

Eingabe: Farbmetrisches Natürliches-Reflektiv-System CNS18 für Buntton $h^* = lab^*h = 92/360 = 0.256$ lab^*ch und lab^*nch

D65: Buntton J
LCH*Ma: 57 77 92
olv*Ma: 0.99 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 95.41 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*ch 1.0 0.0 0.0
lab*nch 0.0 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 76.07 0.0 0.0
LAB*LABa 76.07 0.0 0.0
LAB*LABb 76.07 0.0 0.0

relative CIELAB lab*
lab*lab 0.75 0.0 0.0
lab*ch 0.75 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*ch 0.75 0.0 0.0
lab*nch 0.0 0.0 0.0
lab*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 56.72 0.0 0.0
LAB*LABa 56.72 0.0 0.0
LAB*LABb 56.72 0.0 0.0

relative CIELAB lab*
lab*lab 0.5 0.0 0.0
lab*ch 0.5 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*ch 0.5 0.0 0.0
lab*nch 0.0 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 37.37 0.0 0.0
LAB*LABa 37.37 0.0 0.0
LAB*LABb 37.37 0.0 0.0

relative CIELAB lab*
lab*lab 0.25 0.0 0.0
lab*ch 0.25 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*ch 0.25 0.0 0.0
lab*nch 0.0 0.0 0.0
lab*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 18.03 0.0 0.0
LAB*LABa 18.03 0.0 0.0
LAB*LABb 18.03 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*ch 0.0 0.0 0.0
lab*nch 1.0 0.0 0.0
lab*ce 0.0 0.0 0.0
lab*nce 1.0 0.0 0.0

$n^* = 1.0$

CNS18; adaptierte CIELAB-Daten

	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
RMa	56.7	70.15	32.71	77.4	25
JMa	56.7	-2.69	77.35	77.4	92
GMa	56.7	-73.6	23.92	77.4	162
G50BMa	56.7	-71.24	-30.23	77.4	203
BMa	56.7	2.7	-77.34	77.4	272
B50RMa	56.7	63.4	-44.38	77.4	325
NMa	18.01	0.0	0.0	0.0	0
WMa	95.41	0.0	0.0	0.0	0
RCIE	39.92	58.74	27.99	65.07	25
JCIE	81.26	-2.88	71.56	71.62	92
GCIE	52.23	-42.41	13.6	44.55	162
BCIE	30.57	1.41	-46.46	46.49	272

%Regularität

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

$g^*_{C,rel} = 100$

relative Inform. Technology (IT)
olv3* 0.999 1.0 0.5 (1.0)
cmyn3* 0.001 0.0 0.5 (0.0)
olv4* 0.999 1.0 0.5 (1.0)
cmyn4* 0.001 0.0 0.5 (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 0.999 0.5 0.5 (1.0)
lab*ch 0.999 0.5 0.5 (1.0)
lab*nch 0.0 0.5 0.5 (0.0)
relative Natural Colour (NC)
lab*ch 0.999 0.5 0.5 (1.0)
lab*nch 0.0 0.5 0.5 (0.0)
lab*ce 0.999 0.5 0.5 (1.0)
lab*nce 0.0 0.5 0.5 (0.0)

relative Inform. Technology (IT)
olv3* 0.749 0.75 0.5 (1.0)
cmyn3* 0.251 0.25 0.5 (0.0)
olv4* 0.999 1.0 0.5 (1.0)
cmyn4* 0.001 0.0 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 66.38 0.0 0.0
LAB*LABa 66.38 0.0 0.0
LAB*LABb 66.38 0.0 0.0

relative CIELAB lab*
lab*lab 0.749 0.5 0.5 (1.0)
lab*ch 0.749 0.5 0.5 (1.0)
lab*nch 0.0 0.5 0.5 (0.0)
relative Natural Colour (NC)
lab*ch 0.749 0.5 0.5 (1.0)
lab*nch 0.0 0.5 0.5 (0.0)
lab*ce 0.749 0.5 0.5 (1.0)
lab*nce 0.0 0.5 0.5 (0.0)

relative Inform. Technology (IT)
olv3* 0.489 0.5 0.5 (1.0)
cmyn3* 0.511 0.5 0.5 (0.0)
olv4* 0.999 1.0 0.5 (1.0)
cmyn4* 0.001 0.0 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 47.03 0.0 0.0
LAB*LABa 47.03 0.0 0.0
LAB*LABb 47.03 0.0 0.0

relative CIELAB lab*
lab*lab 0.489 0.5 0.5 (1.0)
lab*ch 0.489 0.5 0.5 (1.0)
lab*nch 0.0 0.5 0.5 (0.0)
relative Natural Colour (NC)
lab*ch 0.489 0.5 0.5 (1.0)
lab*nch 0.0 0.5 0.5 (0.0)
lab*ce 0.489 0.5 0.5 (1.0)
lab*nce 0.0 0.5 0.5 (0.0)

relative Inform. Technology (IT)
olv3* 0.249 0.5 0.5 (1.0)
cmyn3* 0.751 0.5 0.5 (0.0)
olv4* 0.999 1.0 0.5 (1.0)
cmyn4* 0.001 0.0 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 27.69 0.0 0.0
LAB*LABa 27.69 0.0 0.0
LAB*LABb 27.69 0.0 0.0

relative CIELAB lab*
lab*lab 0.249 0.5 0.5 (1.0)
lab*ch 0.249 0.5 0.5 (1.0)
lab*nch 0.0 0.5 0.5 (0.0)
relative Natural Colour (NC)
lab*ch 0.249 0.5 0.5 (1.0)
lab*nch 0.0 0.5 0.5 (0.0)
lab*ce 0.249 0.5 0.5 (1.0)
lab*nce 0.0 0.5 0.5 (0.0)

$n^* = 0.50$

relative Inform. Technology (IT)
olv3* 0.998 1.0 0.5 (1.0)
cmyn3* 0.002 0.0 0.5 (0.0)
olv4* 0.998 1.0 0.5 (1.0)
cmyn4* 0.002 0.0 0.5 (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 0.998 0.5 0.5 (1.0)
lab*ch 0.998 0.5 0.5 (1.0)
lab*nch 0.0 0.5 0.5 (0.0)
relative Natural Colour (NC)
lab*ch 0.998 0.5 0.5 (1.0)
lab*nch 0.0 0.5 0.5 (0.0)
lab*ce 0.998 0.5 0.5 (1.0)
lab*nce 0.0 0.5 0.5 (0.0)

relative Inform. Technology (IT)
olv3* 0.748 0.75 0.5 (1.0)
cmyn3* 0.252 0.25 0.5 (0.0)
olv4* 0.997 1.0 0.5 (1.0)
cmyn4* 0.003 0.0 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 66.37 0.0 0.0
LAB*LABa 66.37 0.0 0.0
LAB*LABb 66.37 0.0 0.0

relative CIELAB lab*
lab*lab 0.748 0.5 0.5 (1.0)
lab*ch 0.748 0.5 0.5 (1.0)
lab*nch 0.0 0.5 0.5 (0.0)
relative Natural Colour (NC)
lab*ch 0.748 0.5 0.5 (1.0)
lab*nch 0.0 0.5 0.5 (0.0)
lab*ce 0.748 0.5 0.5 (1.0)
lab*nce 0.0 0.5 0.5 (0.0)

relative Inform. Technology (IT)
olv3* 0.488 0.5 0.5 (1.0)
cmyn3* 0.512 0.5 0.5 (0.0)
olv4* 0.997 1.0 0.5 (1.0)
cmyn4* 0.003 0.0 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 47.03 0.0 0.0
LAB*LABa 47.03 0.0 0.0
LAB*LABb 47.03 0.0 0.0

relative CIELAB lab*
lab*lab 0.488 0.5 0.5 (1.0)
lab*ch 0.488 0.5 0.5 (1.0)
lab*nch 0.0 0.5 0.5 (0.0)
relative Natural Colour (NC)
lab*ch 0.488 0.5 0.5 (1.0)
lab*nch 0.0 0.5 0.5 (0.0)
lab*ce 0.488 0.5 0.5 (1.0)
lab*nce 0.0 0.5 0.5 (0.0)

relative Inform. Technology (IT)
olv3* 0.248 0.5 0.5 (1.0)
cmyn3* 0.752 0.5 0.5 (0.0)
olv4* 0.997 1.0 0.5 (1.0)
cmyn4* 0.003 0.0 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 27.69 0.0 0.0
LAB*LABa 27.69 0.0 0.0
LAB*LABb 27.69 0.0 0.0

relative CIELAB lab*
lab*lab 0.248 0.5 0.5 (1.0)
lab*ch 0.248 0.5 0.5 (1.0)
lab*nch 0.0 0.5 0.5 (0.0)
relative Natural Colour (NC)
lab*ch 0.248 0.5 0.5 (1.0)
lab*nch 0.0 0.5 0.5 (0.0)
lab*ce 0.248 0.5 0.5 (1.0)
lab*nce 0.0 0.5 0.5 (0.0)

$n^* = 0.25$

Schwarzheit n^*

$n^* = 0.00$

$n^* = 0.25$

$n^* = 0.50$

$n^* = 0.75$

$n^* = 1.00$

relative Buntheit c^*

$c^* = 0.00$

$c^* = 0.25$

$c^* = 0.50$

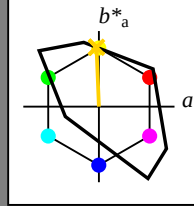
$c^* = 0.75$

$c^* = 1.00$

Ausgabe: Farbmetrisches Fernseh-Licht-System TLS18 für Buntton $h^* = lab^*h = 92/360 = 0.256$ lab^*ch und lab^*nch

D65: Buntton J
LCH*Ma: 85 79 92
olv*Ma: 1.0 0.82 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 95.41 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*ch 1.0 0.0 0.0
lab*nch 0.0 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 76.07 0.0 0.0
LAB*LABa 76.07 0.0 0.0
LAB*LABb 76.07 0.0 0.0

relative CIELAB lab*
lab*lab 0.75 0.0 0.0
lab*ch 0.75 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*ch 0.75 0.0 0.0
lab*nch 0.0 0.0 0.0
lab*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 56.72 0.0 0.0
LAB*LABa 56.72 0.0 0.0
LAB*LABb 56.72 0.0 0.0

relative CIELAB lab*
lab*lab 0.5 0.0 0.0
lab*ch 0.5 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*ch 0.5 0.0 0.0
lab*nch 0.0 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 37.37 0.0 0.0
LAB*LABa 37.37 0.0 0.0
LAB*LABb 37.37 0.0 0.0

relative CIELAB lab*
lab*lab 0.25 0.0 0.0
lab*ch 0.25 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*ch 0.25 0.0 0.0
lab*nch 0.0 0.0 0.0
lab*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 18.03 0.0 0.0
LAB*LABa 18.03 0.0 0.0
LAB*LABb 18.03 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*ch 0.0 0.0 0.0
lab*nch 1.0 0.0 0.0
lab*ce 0.0 0.0 0.0
lab*nce 1.0 0.0 0.0

$n^* = 1.0$

%Regularität

$g^*_{H,rel} = 22$

$g^*_{C,rel} = 40$

relative Inform. Technology (IT)
olv3* 0.954 0.75 1.0 (1.0)
cmyn3* 0.046 0.25 0.0 (0.0)
olv4* 1.0 0.954 0.75 1.0 (1.0)
cmyn4* 0.0 0.046 0.25 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 92.9 0.79 19.62
LAB*LABa 92.9 0.79 19.62
LAB*LABb 92.9 0.79 19.62

relative CIELAB lab*
lab*lab 0.954 0.25 0.256 (1.0)
lab*ch 0.954 0.25 0.256 (1.0)
lab*nch 0.0 0.25 0.256 (0.0)
relative Natural Colour (NC)
lab*ch 0.954 0.25 0.256 (1.0)
lab*nch 0.0 0.25 0.256 (0.0)
lab*ce 0.954 0.25 0.256 (1.0)
lab*nce 0.0 0.25 0.256 (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 73.55 0.78 19.63
LAB*LABa 73.55 0.78 19.63
LAB*LABb 73.55 0.78 19.63

relative CIELAB lab*
lab*lab 0.75 0.25 0.256 (1.0)
lab*ch 0.75 0.25 0.256 (1.0)
lab*nch 0.0 0.25 0.256 (0.0)
relative Natural Colour (NC)
lab*ch 0.75 0.25 0.256 (1.0)
lab*nch 0.0 0.25 0.256 (0.0)
lab*ce 0.75 0.25 0.256 (1.0)
lab*nce 0.0 0.25 0.256 (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 56.72 0.0 0.0
LAB*LABa 56.72 0.0 0.0
LAB*LABb 56.72 0.0 0.0

relative CIELAB lab*
lab*lab 0.5 0.0 0.0
lab*ch 0.5 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*ch 0.5 0.0 0.0
lab*nch 0.0 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 37.37 0.0 0.0
LAB*LABa 37.37 0.0 0.0
LAB*LABb 37.37 0.0 0.0

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

$n^* = 0.25$

relative Inform. Technology (IT)
olv3* 0.75 0.658 0.25 (1.0)
cmyn3* 0.25 0.342 0.75 (0.0)
olv4* 1.0 0.908 0.5 0.75 (1.0)
cmyn4* 0.0 0.092 0.5 0.25 (0.0)
standard and adapted CIELAB
LAB*LAB 71.05 0.138 39.26
LAB*LABa 71.05 0.138 39.26
LAB*LABb 71.05 0.138 39.26

relative CIELAB lab*
lab*lab 0.75 0.138 0.25 (1.0)
lab*ch 0.75 0.138 0.25 (1.0)
lab*nch 0.0 0.138 0.25 (0.0)
relative Natural Colour (NC)
lab*ch 0.75 0.138 0.25 (1.0)
lab*nch 0.0 0.138 0.25 (0.0)
lab*ce 0.75 0.138 0.25 (1.0)
lab*nce 0.0 0.138 0.25 (0.0)

relative Inform. Technology (IT)
olv3* 0.5 0.458 0.25 (1.0)
cmyn3* 0.5 0.542 0.75 (0.0)
olv4* 1.0 0.954 0.75 0.5 (1.0)
cmyn4* 0.0 0.046 0.25 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 54.2 0.78 19.63
LAB*LABa 54.2 0.78 19.63
LAB*LABb 54.2 0.78 19.63

relative CIELAB lab*
lab*lab 0.5 0.458 0.25 (1.0)
lab*ch 0.5 0.458 0.25 (1.0)
lab*nch 0.0 0.458 0.25 (0.0)
relative Natural Colour (NC)
lab*ch 0.5 0.458 0.25 (1.0)
lab*nch 0.0 0.458 0.25 (0.0)
lab*ce 0.5 0.458 0.25 (1.0)
lab*nce 0.0 0.458 0.25 (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

output: *olv**' (*TRI9*) *setrabcolor*

