

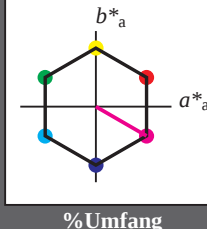
Eingabe: Farbmetrisches Standard-Reflektiv-System SRS18

für Buntton $h^* = lab^*h = 330/360 = 0.917$

lab^*tch und lab^*nch

D65: Buntton M
LCH*Ma: 57 77 330
olv*Ma: 1.0 0.0 1.0

Dreiecks-Helligkeit t^*



relative Inform. Technology (IT)

olv3*	1.0	1.0	1.0	(1.0)
olv4*	0.0	0.0	0.0	(0.0)
olv5*	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)

standard and adapted CIELAB

LAB*Lab	56.71	18.03	18.03	0.0
LAB*Lab	56.71	18.03	18.03	0.0
LAB*Lab	56.71	18.03	18.03	0.0
LAB*Lab	56.71	18.03	18.03	0.0
LAB*Lab	56.71	18.03	18.03	0.0
LAB*Lab	56.71	18.03	18.03	0.0
LAB*Lab	56.71	18.03	18.03	0.0
LAB*Lab	56.71	18.03	18.03	0.0
LAB*Lab	56.71	18.03	18.03	0.0
LAB*Lab	56.71	18.03	18.03	0.0
LAB*Lab	56.71	18.03	18.03	0.0
LAB*Lab	56.71	18.03	18.03	0.0
LAB*Lab	56.71	18.03	18.03	0.0
LAB*Lab	56.71	18.03	18.03	0.0
LAB*Lab	56.71	18.03	18.03	0.0
LAB*Lab	56.71	18.03	18.03	0.0

relative CIELAB lab*

lab*lab	0.0	0.0	0.0	0.0
lab*tch	0.0	0.0	0.0	0.0
lab*nch	0.0	0.0	0.0	0.0
lab*tch	0.0	0.0	0.0	0.0
lab*nch	0.0	0.0	0.0	0.0
lab*tch	0.0	0.0	0.0	0.0
lab*nch	0.0	0.0	0.0	0.0
lab*tch	0.0	0.0	0.0	0.0
lab*nch	0.0	0.0	0.0	0.0
lab*tch	0.0	0.0	0.0	0.0
lab*nch	0.0	0.0	0.0	0.0
lab*tch	0.0	0.0	0.0	0.0
lab*nch	0.0	0.0	0.0	0.0
lab*tch	0.0	0.0	0.0	0.0
lab*nch	0.0	0.0	0.0	0.0
lab*tch	0.0	0.0	0.0	0.0
lab*nch	0.0	0.0	0.0	0.0

standard and adapted CIELAB

LAB*Lab	56.71	18.03	18.03	0.0
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LAB*Lab	56.71	18.03	18.03	0.0
LAB*Lab	56.71	18.03	18.03	0.0
LAB*Lab	56.71	18.03	18.03	0.0
LAB*Lab	56.71	18.03	18.03	0.0
LAB*Lab	56.71	18.03	18.03	0.0
LAB*Lab	56.71	18.03	18.03	0.0
LAB*Lab	56.71	18.03	18.03	0.0
LAB*Lab	56.71	18.03	18.03	0.0
LAB*Lab	56.71	18.03	18.03	0.0
LAB*Lab	56.71	18.03	18.03	0.0
LAB*Lab	56.71	18.03	18.03	0.0

relative CIELAB lab*

lab*lab	0.0	0.0	0.0	0.0
lab*tch	0.0	0.0	0.0	0.0
lab*nch	0.0	0.0	0.0	0.0
lab*tch	0.0	0.0	0.0	0.0
lab*nch	0.0	0.0	0.0	0.0
lab*tch	0.0	0.0	0.0	0.0
lab*nch	0.0	0.0	0.0	0.0
lab*tch	0.0	0.0	0.0	0.0
lab*nch	0.0	0.0	0.0	0.0
lab*tch	0.0	0.0	0.0	0.0
lab*nch	0.0	0.0	0.0	0.0
lab*tch	0.0	0.0	0.0	0.0
lab*nch	0.0	0.0	0.0	0.0
lab*tch	0.0	0.0	0.0	0.0
lab*nch	0.0	0.0	0.0	0.0
lab*tch	0.0	0.0	0.0	0.0
lab*nch	0.0	0.0	0.0	0.0

standard and adapted CIELAB

LAB*Lab	56.71	18.03	18.03	0.0
LAB*Lab	56.71	18.03	18.03	0.0
LAB*Lab	56.71	18.03	18.03	0.0
LAB*Lab	56.71	18.03	18.03	0.0
LAB*Lab	56.71	18.03	18.03	0.0
LAB*Lab	56.71	18.03	18.03	0.0
LAB*Lab	56.71	18.03	18.03	0.0
LAB*Lab	56.71	18.03	18.03	0.0
LAB*Lab	56.71	18.03	18.03	0.0
LAB*Lab	56.71	18.03	18.03	0.0
LAB*Lab	56.71	18.03	18.03	0.0
LAB*Lab	56.71	18.03	18.03	0.0
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LAB*Lab	56.71	18.03	18.03	0.0
LAB*Lab	56.71	18.03	18.03	0.0

relative CIELAB lab*

lab*lab	0.0	0.0	0.0	0.0
lab*tch	0.0	0.0	0.0	0.0
lab*nch	0.0	0.0	0.0	0.0
lab*tch	0.0	0.0	0.0	0.0
lab*nch	0.0	0.0	0.0	0.0
lab*tch	0.0	0.0	0.0	0.0
lab*nch	0.0	0.0	0.0	0.0
lab*tch	0.0	0.0	0.0	0.0
lab*nch	0.0	0.0	0.0	0.0
lab*tch	0.0	0.0	0.0	0.0
lab*nch	0.0	0.0	0.0	0.0
lab*tch	0.0	0.0	0.0	0.0
lab*nch	0.0	0.0	0.0	0.0
lab*tch	0.0	0.0	0.0	0.0
lab*nch	0.0	0.0	0.0	0.0
lab*tch	0.0	0.0	0.0	0.0
lab*nch	0.0	0.0	0.0	0.0

standard and adapted CIELAB

LAB*Lab	56.71	18.03	18.03	0.0
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LAB*Lab	56.71	18.03	18.03	0.0
LAB*Lab	56.71	18.03	18.03	0.0
LAB*Lab	56.71	18.03	18.03	0.0
LAB*Lab	56.71	18.03	18.03	0.0
LAB*Lab	56.71	18.03	18.03	0.0
LAB*Lab	56.71	18.03	18.03	0.0
LAB*Lab	56.71	18.03	18.03	0.0
LAB*Lab	56.71	18.03	18.03	0.0
LAB*Lab	56.71	18.03	18.03	0.0
LAB*Lab	56.71	18.03	18.03	0.0
LAB*Lab	56.71	18.03	18.03	0.0
LAB*Lab	56.71	18.03	18.03	0.0

relative CIELAB lab*

lab*lab	0.0	0.0	0.0	0.0
lab*tch	0.0	0.0	0.0	0.0
lab*nch	0.0	0.0	0.0	0.0
lab*tch	0.0	0.0	0.0	0.0
lab*nch	0.0	0.0	0.0	0.0
lab*tch	0.0	0.0	0.0	0.0
lab*nch	0.0	0.0	0.0	0.0
lab*tch	0.0	0.0	0.0	0.0
lab*nch	0.0	0.0	0.0	0.0
lab*tch	0.0	0.0	0.0	0.0
lab*nch	0.0	0.0	0.0	0.0
lab*tch	0.0	0.0	0.0	0.0
lab*nch	0.0	0.0	0.0	0.0
lab*tch	0.0	0.0	0.0	0.0
lab*nch	0.0	0.0	0.0	0.0
lab*tch	0.0	0.0	0.0	0.0
lab*nch	0.0	0.0	0.0	0.0

standard and adapted CIELAB

LAB*Lab	56.71	18.03	18.03	0.0
LAB*Lab	56.71	18.03	18.03	0.0
LAB*Lab	56.71	18.03	18.03	0.0
LAB*Lab	56.71	18.03	18.03	0.0
LAB*Lab	56.71	18.03	18.03	0.0
LAB*Lab	56.71	18.03	18.03	0.0
LAB*Lab	56.71	18.03	18.03	0.0
LAB*Lab	56.71	18.03	18.03	0.0
LAB*Lab	56.71	18.03	18.03	0.0
LAB*Lab	56.71	18.03	18.03	0.0
LAB*Lab	56.71	18.03	18.03	0.0
LAB*Lab	56.71	18.03	18.03	0.0
LAB*Lab	56.71	18.03	18.03	0.0
LAB*Lab	56.71	18.03	18.03	0.0
LAB*Lab	56.71	18.03	18.03	0.0
LAB*Lab	56.71	18.03	18.03	0.0

relative CIELAB lab*

lab*lab	0.0	0.0	0.0	0.0
lab*tch	0.0	0.0	0.0	0.0
lab*nch	0.0	0.0	0.0	0.0
lab*tch	0.0	0.0	0.0	0.0
lab*nch	0.0	0.0	0.0	0.0
lab*tch	0.0	0.0	0.0	0.0
lab*nch	0.0	0.0	0.0	0.0
lab*tch	0.0	0.0	0.0	0.0
lab*nch	0.0	0.0	0.0	0.0
lab*tch	0.0	0.0	0.0	0.0
lab*nch	0.0	0.0	0.0	0.0
lab*tch	0.0	0.0	0.0	0.0
lab*nch	0.0	0.0	0.0	0.0
lab*tch	0.0	0.0	0.0	0.0
lab*nch	0.0	0.0	0.0	0.0
lab*tch	0.0	0.0	0.0	0.0
lab*nch	0.0	0.0	0.0	0.0

OG570-7, 5 stufige Reihen für konstanten CIELAB Buntton 330/360 = 0.917 (links)

5 stufige Reihen für konstanten CIELAB Buntton 354/360 = 0.982 (rechts)

BAM-Prüfvorlage OG57; Farbmetrik-Systeme SRS18 & ORS18 input: $cmY0^* \text{ setcmYcolor}$

D65: 2 Koordinatendaten von 5stufigen Farbreihen für 10 Bunttöne output: $cmY0^* / 000n^* \text{ setcmYcolor}$

BAM-Registrierung: 20060101-OG57/10S/557G06FP.PS/PDF BAM-Material: Code=rha4ta
Anwendung für Beurteilung und Messung von Drucker- oder Monitorsystemen
/OG57/ Form: 7/10, Seite: 1/1, Seite: 7
Seitenanzahl: 7

Siehe ähnliche Dateien: <http://www.ps.bam.de/OG57>
Technische Information: <http://www.ps.bam.de> Vers

ion 2.1, $i_0=0$, CIELAB

BAM-Registrierung: 20060101-OG57/10S/557G06FP.PS/PDF BAM-Material: Code=rha4ta
Anwendung für Beurteilung und Messung von Drucker- oder Monitorsystemen
/OG57/ Form: 7/10, Seite: 1/1, Seite: 7
Seitenanzahl: 7

Eingabe: Farbmetrisches Standard-Reflektiv-System SRS18

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

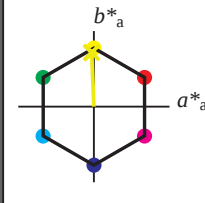
lab^*tch und lab^*nch

D65: Buntton J

LCH*Ma: 57 76 92

olv*Ma: 0.95 1.0 0.0

Dreiecks-Helligkeit t^*



%Umfang

$u^*_{rel} = 100$

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*tch 1.0 0.0 0.0
lab*nch 0.0 0.0 -
relative Natural Colour (NC)
lab*trj 1.0 0.0 0.0
lab*tce 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 76.07 0.0 0.0
LAB*LABa 76.07 0.0 0.0
LAB*LABb 75.00 0.01 -

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

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 55.00 0.01 -

relative CIELAB lab*
lab*lab 0.5 0.0 0.0
lab*tch 0.5 0.0 0.0
lab*nch 0.0 0.0 -
relative Natural Colour (NC)
lab*trj 0.5 0.0 0.0
lab*tce 0.5 0.0 0.0
lab*nce 0.0 0.0 -

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*LABa 37.37 0.0 0.0
LAB*LABb 37.37 0.01 -

relative CIELAB lab*
lab*lab 0.25 0.0 0.0
lab*tch 0.25 0.0 0.0
lab*nch 0.0 0.0 -
relative Natural Colour (NC)
lab*trj 0.25 0.0 0.0
lab*tce 0.25 0.0 0.0
lab*nce 0.0 0.0 -

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 18.03 0.0 0.0
LAB*LABa 18.03 0.0 0.0
LAB*LABb 0.01 0.01 -

relative CIELAB lab*
lab*lab 0.0 0.0 0.0
lab*tch 0.0 0.0 0.0
lab*nch 1.0 0.0 -
relative Natural Colour (NC)
lab*trj 0.0 0.0 0.0
lab*tce 0.0 0.0 0.0
lab*nce 1.0 0.0 -

$n^* = 1.0$

SRS18; adaptierte CIELAB-Daten

	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	56.71	67.03	38.7	77.4	30
Y _{Ma}	56.71	0.0	77.4	77.4	90
L _{Ma}	56.71	-67.02	38.7	77.4	150
C _{Ma}	56.71	-67.02	-38.69	77.4	210
V _{Ma}	56.71	0.0	-77.39	77.4	270
M _{Ma}	56.71	67.03	-38.69	77.4	330
N _{Ma}	18.01	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

%Regularität

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

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

relative Inform. Technology (IT)
olv3* 0.977 1.0 0.5 (1.0)
cmyn3* 0.023 0.0 0.5 (0.0)
olv4* 0.977 1.0 0.5 (1.0)
cmyn4* 0.023 0.0 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 76.06 -1.51 37.81
LAB*LABa 76.06 -1.51 37.81
LAB*LABb 75.00 0.01 -

relative CIELAB lab*
lab*lab 0.75 0.0 0.5
lab*tch 0.75 0.0 0.5
lab*nch 0.0 0.5 0.256
relative Natural Colour (NC)
lab*trj 0.75 0.0 0.5
lab*tce 0.75 0.0 0.5
lab*nce 0.0 0.5 0.256

relative Inform. Technology (IT)
olv3* 0.727 0.5 0.25 (1.0)
cmyn3* 0.273 0.25 0.75 (0.0)
olv4* 0.977 1.0 0.5 (1.0)
cmyn4* 0.023 0.0 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 56.71 -1.52 37.82
LAB*LABa 56.71 -1.52 37.82
LAB*LABb 55.00 0.01 -

relative CIELAB lab*
lab*lab 0.5 0.0 0.25
lab*tch 0.5 0.0 0.25
lab*nch 0.0 0.25 0.256
relative Natural Colour (NC)
lab*trj 0.5 0.0 0.25
lab*tce 0.5 0.0 0.25
lab*nce 0.0 0.25 0.256

relative Inform. Technology (IT)
olv3* 0.477 0.5 0.0 (1.0)
cmyn3* 0.523 0.5 0.0 (0.0)
olv4* 0.977 1.0 0.0 (1.0)
cmyn4* 0.023 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 37.36 -1.52 37.81
LAB*LABa 37.36 -1.52 37.81
LAB*LABb 37.36 0.01 -

relative CIELAB lab*
lab*lab 0.25 0.0 0.0
lab*tch 0.25 0.0 0.0
lab*nch 0.0 0.0 0.256
relative Natural Colour (NC)
lab*trj 0.25 0.0 0.0
lab*tce 0.25 0.0 0.0
lab*nce 0.0 0.0 0.256

relative Inform. Technology (IT)
olv3* 0.239 0.25 0.0 (1.0)
cmyn3* 0.761 0.75 1.0 (0.0)
olv4* 0.977 1.0 0.0 (1.0)
cmyn4* 0.023 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 0.01 0.01 -

relative CIELAB lab*
lab*lab 0.125 -0.009 0.25
lab*tch 0.125 0.25 0.256
lab*nch 0.0 0.25 0.256
relative Natural Colour (NC)
lab*trj 0.125 0.25 0.25
lab*tce 0.125 0.25 0.25
lab*nce 0.0 0.25 0.256

$n^* = 0.50$

relative Inform. Technology (IT)
olv3* 0.375 0.0 0.0 (1.0)
cmyn3* 0.625 0.0 0.0 (0.0)
olv4* 0.977 1.0 0.0 (1.0)
cmyn4* 0.023 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 18.02 0.0 0.0
LAB*LABa 18.02 0.0 0.0
LAB*LABb 0.01 0.01 -

relative CIELAB lab*
lab*lab 0.0 0.0 0.0
lab*tch 0.0 0.0 0.0
lab*nch 1.0 0.0 -
relative Natural Colour (NC)
lab*trj 0.0 0.0 0.0
lab*tce 0.0 0.0 0.0
lab*nce 1.0 0.0 -

relative Inform. Technology (IT)
olv3* 0.25 0.0 0.0 (1.0)
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 18.02 0.0 0.0
LAB*LABa 18.02 0.0 0.0
LAB*LABb 0.01 0.01 -

relative CIELAB lab*
lab*lab 0.0 0.0 0.0
lab*tch 0.0 0.0 0.0
lab*nch 1.0 0.0 -
relative Natural Colour (NC)
lab*trj 0.0 0.0 0.0
lab*tce 0.0 0.0 0.0
lab*nce 1.0 0.0 -

$n^* = 0.00$

Ausgabe: Farbmetrisches Offset-Reflektiv-System ORS18

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

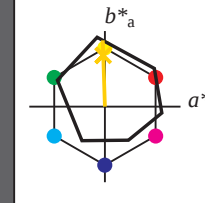
lab^*tch und lab^*nch

D65: Buntton J

LCH*Ma: 86 88 92

olv*Ma: 1.0 0.9 0.0

Dreiecks-Helligkeit t^*



%Umfang

$u^*_{rel} = 93$

relative Inform. Technology (IT)
olv3* 1.0 1.0 1.0 (1.0)
cmyn3* 0.0 0.0 0.0 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 95.41 -0.98 4.75
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*tch 1.0 0.0 0.0
lab*nch 0.0 0.0 -
relative Natural Colour (NC)
lab*trj 1.0 0.0 0.0
lab*tce 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 76.06 -0.61 3.44
LAB*LABa 76.06 -0.61 3.44
LAB*LABb 75.00 0.01 -

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

relative Inform. Technology (IT)
olv3* 0.5 0.5 0.5 (0.0)
cmyn3* 0.5 0.5 0.5 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 56.71 -3.04 75.62
LAB*LABa 56.71 -3.04 75.62
LAB*LABb 55.00 0.01 -

relative CIELAB lab*
lab*lab 0.5 0.0 0.0
lab*tch 0.5 0.0 0.0
lab*nch 0.0 0.0 -
relative Natural Colour (NC)
lab*trj 0.5 0.0 0.0
lab*tce 0.5 0.0 0.0
lab*nce 0.0 0.0 -

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 37.36 -1.52 37.81
LAB*LABa 37.36 -1.52 37.81
LAB*LABb 37.36 0.01 -

relative CIELAB lab*
lab*lab 0.25 0.0 0.0
lab*tch 0.25 0.0 0.0
lab*nch 0.0 0.0 0.256
relative Natural Colour (NC)
lab*trj 0.25 0.0 0.0
lab*tce 0.25 0.0 0.0
lab*nce 0.0 0.0 0.256

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 18.02 0.0 0.0
LAB*LABa 18.02 0.0 0.0
LAB*LABb 0.01 0.01 -

relative CIELAB lab*
lab*lab 0.0 0.0 0.0
lab*tch 0.0 0.0 0.0
lab*nch 1.0 0.0 -
relative Natural Colour (NC)
lab*trj 0.0 0.0 0.0
lab*tce 0.0 0.0 0.0
lab*nce 1.0 0.0 -

$n^* = 1.0$

ORS18; adaptierte CIELAB-Daten

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

%Regularität

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

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

relative Inform. Technology (IT)
olv3* 1.0 0.951 0.5 (1.0)
cmyn3* 0.0 0.049 0.5 (0.0)
olv4* 1.0 0.951 0.5 (1.0)
cmyn4* 0.0 0.049 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 90.8 -2.3 48.29
LAB*LABa 90.8 -2.3 48.29
LAB*LABb 90.8 -2.3 48.29

relative CIELAB lab*
lab*lab 0.94 -0.015 0.5
lab*tch 0.75 0.5 0.255
lab*nch 0.0 0.5 0.255
relative Natural Colour (NC)
lab*trj 0.94 0.0 0.5
lab*tce 0.75 0.5 0.255
lab*nce 0.0 0.5 0.255

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

relative CIELAB lab*
lab*lab 0.75 0.5 0.255
lab*tch 0.75 0.5 0.255
lab*nch 0.0 0.5 0.255
relative Natural Colour (NC)
lab*trj 0.75 0.5 0.255
lab*tce 0.75 0.5 0.255
lab*nce 0.0 0.5 0.255

relative Inform. Technology (IT)
olv3* 0.5 0.525 0.75 (0.0)
cmyn3* 0.5 0.525 0.75 (0.0)
olv4* 1.0 0.951 0.5 (1.0)
cmyn4* 0.0 0.049 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 54.4 -0.89 23.91
LAB*LABa 54.4 -0.89 23.91
LAB*LABb 54.4 -0.89 23.91

relative CIELAB lab*
lab*lab 0.5 0.5 0.255
lab*tch 0.5 0.5 0.255
lab*nch 0.0 0.5 0.255
relative Natural Colour (NC)
lab*trj 0.5 0.5 0.255
lab*tce 0.5 0.5 0.255
lab*nce 0.0 0.5 0.255

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 37.36 -1.52 37.81
LAB*LABa 37.36 -1.52 37.81
LAB*LABb 37.36 0.01 -

relative CIELAB lab*
lab*lab 0.25 0.0 0.0
lab*tch 0.25 0.0 0.0
lab*nch 0.0 0.0 0.256
relative Natural Colour (NC)
lab*trj 0.25 0.0 0.0
lab*tce 0.25 0.0 0.0
lab*nce 0.0 0.0 0.256

$n^* = 0.50$

relative Inform. Technology (IT)
olv3* 0.0 0.451 0.0 (1.0)
cmyn3* 0.5 0.549 1.0 (0.0)
olv4* 1.0 0.951 0.5 (1.0)
cmyn4* 0.0 0.049 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 52.1 -1.39 43.83
LAB*LABa 52.1 -1.39 43.83
LAB*LABb 52.1 -1.39 43.83

relative CIELAB lab*
lab*lab 0.661 -0.023 0.75
lab*tch 0.375 0.75 0.255
lab*nch 0.0 0.75 0.255
relative Natural Colour (NC)
lab*trj 0.661 0.0 0.75
lab*tce 0.375 0.75 0.255
lab*nce 0.0 0.75 0.255

relative Inform. Technology (IT)
olv3* 0.0 0.25 0.0 (1.0)
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 18.06 -0.52 27.59
LAB*LABa 18.06 -0.52 27.59
LAB*LABb 18.06 -0.52 27.59

relative CIELAB lab*
lab*lab 0.0 0.25 0.0
lab*tch 0.0 0.25 0.0
lab*nch 1.0 0.0 -
relative Natural Colour (NC)
lab*trj 0.0 0.25 0.0
lab*tce 0.0 0.25 0.0
lab*nce 1.0 0.0 -

$n^* = 0.00$

OG570-7, 5 stufige Reihen für konstanten CIELAB Buntton 92/360 = 0.256 (links)

5 stufige Reihen für konstanten CIELAB Buntton 92/360 = 0.255 (rechts)

BAM-Prüfvorlage OG57; Farbmetrik-Systeme SRS18 & ORS18 input: $cmY0^* setcmykcolor$

D65: 2 Koordinatendaten von 5stufigen Farbreihen für 10 Bunttöne output: $cmY0^* / 000n^* setcmykcolor$

Eingabe: Farbmetrisches Standard-Reflektiv-System SRS18

für Buntton $h^* = lab^*h = 272/360 = 0.755$

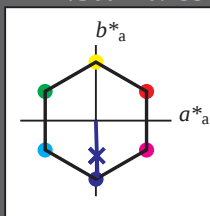
lab^*ch und lab^*nch

D65: Buntton B

LCH*Ma: 57 76 272

olv*Ma: 0.03 0.0 1.0

Dreiecks-Helligkeit t^*



%Umfang

$u^*_{rel} = 100$

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)
LAB*LAB	95.41	0.0	0.0	
LAB*Lab	95.41	0.0	0.0	
LAB*Ch	99.99	0.01	0.0	

standard and adapted CIELAB

LAB*LAB	95.41	0.0	0.0
LAB*Lab	95.41	0.0	0.0
LAB*Ch	99.99	0.01	0.0

relative CIELAB lab*

lab*lab	1.0	0.0	0.0
lab*ch	0.0	1.0	0.0
lab*nch	0.0	0.0	1.0

relative Natural Colour (NC)

lab*lab	1.0	0.0	0.0
lab*ch	0.0	1.0	0.0
lab*nch	0.0	0.0	1.0

standard and adapted CIELAB

LAB*LAB	95.41	0.0	0.0
LAB*Lab	95.41	0.0	0.0
LAB*Ch	99.99	0.01	0.0

relative CIELAB lab*

lab*lab	1.0	0.0	0.0
lab*ch	0.0	1.0	0.0
lab*nch	0.0	0.0	1.0

relative Natural Colour (NC)

lab*lab	1.0	0.0	0.0
lab*ch	0.0	1.0	0.0
lab*nch	0.0	0.0	1.0

standard and adapted CIELAB

LAB*LAB	95.41	0.0	0.0
LAB*Lab	95.41	0.0	0.0
LAB*Ch	99.99	0.01	0.0

relative CIELAB lab*

lab*lab	1.0	0.0	0.0
lab*ch	0.0	1.0	0.0
lab*nch	0.0	0.0	1.0

relative Natural Colour (NC)

lab*lab	1.0	0.0	0.0
lab*ch	0.0	1.0	0.0
lab*nch	0.0	0.0	1.0

standard and adapted CIELAB

LAB*LAB	95.41	0.0	0.0
LAB*Lab	95.41	0.0	0.0
LAB*Ch	99.99	0.01	0.0

relative CIELAB lab*

lab*lab	1.0	0.0	0.0
lab*ch	0.0	1.0	0.0
lab*nch	0.0	0.0	1.0

SRS18; adaptierte CIELAB-Daten

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	56.71	67.03	38.7	77.4	30
Y _{Ma}	56.71	0.0	77.4	77.4	90
L _{Ma}	56.71	-67.02	38.7	77.4	150
C _{Ma}	56.71	-67.02	-38.69	77.4	210
V _{Ma}	56.71	0.0	-77.39	77.4	270
M _{Ma}	56.71	67.03	-38.69	77.4	330
N _{Ma}	18.01	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
RC _{IE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

%Regularität

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

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

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)
LAB*LAB	76.06	1.15	-38.02	
LAB*Lab	76.06	1.15	-38.02	
LAB*Ch	99.99	0.01	0.0	

standard and adapted CIELAB

LAB*LAB	76.06	1.15	-38.02
LAB*Lab	76.06	1.15	-38.02
LAB*Ch	99.99	0.01	0.0

relative CIELAB lab*

lab*lab	1.0	0.0	0.0
lab*ch	0.0	1.0	0.0
lab*nch	0.0	0.0	1.0

relative Natural Colour (NC)

lab*lab	1.0	0.0	0.0
lab*ch	0.0	1.0	0.0
lab*nch	0.0	0.0	1.0

standard and adapted CIELAB

LAB*LAB	76.06	1.15	-38.02
LAB*Lab	76.06	1.15	-38.02
LAB*Ch	99.99	0.01	0.0

relative CIELAB lab*

lab*lab	1.0	0.0	0.0
lab*ch	0.0	1.0	0.0
lab*nch	0.0	0.0	1.0

relative Natural Colour (NC)

lab*lab	1.0	0.0	0.0
lab*ch	0.0	1.0	0.0
lab*nch	0.0	0.0	1.0

standard and adapted CIELAB

LAB*LAB	76.06	1.15	-38.02
LAB*Lab	76.06	1.15	-38.02
LAB*Ch	99.99	0.01	0.0

relative CIELAB lab*

lab*lab	1.0	0.0	0.0
lab*ch	0.0	1.0	0.0
lab*nch	0.0	0.0	1.0

relative Natural Colour (NC)

lab*lab	1.0	0.0	0.0
lab*ch	0.0	1.0	0.0
lab*nch	0.0	0.0	1.0

Ausgabe: Farbmetrisches Offset-Reflektiv-System ORS18

für Buntton $h^* = lab^*h = 271/360 = 0.754$

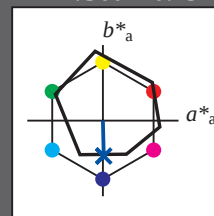
lab^*ch und lab^*nch

D65: Buntton B

LCH*Ma: 42 45 271

olv*Ma: 0.0 0.49 1.0

Dreiecks-Helligkeit t^*



%Umfang

$u^*_{rel} = 93$

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)
LAB*LAB	95.41	-0.98	4.75	
LAB*Lab	95.41	-0.98	4.75	
LAB*Ch	99.99	0.01	0.0	

standard and adapted CIELAB

LAB*LAB	95.41	-0.98	4.75
LAB*Lab	95.41	-0.98	4.75
LAB*Ch	99.99	0.01	0.0

relative CIELAB lab*

lab*lab	1.0	0.0	0.0
lab*ch	0.0	1.0	0.0
lab*nch	0.0	0.0	1.0

relative Natural Colour (NC)

lab*lab	1.0	0.0	0.0
lab*ch	0.0	1.0	0.0
lab*nch	0.0	0.0	1.0

standard and adapted CIELAB

LAB*LAB	95.41	-0.98	4.75
LAB*Lab	95.41	-0.98	4.75
LAB*Ch	99.99	0.01	0.0

relative CIELAB lab*

lab*lab	1.0	0.0	0.0
lab*ch	0.0	1.0	0.0
lab*nch	0.0	0.0	1.0

relative Natural Colour (NC)

lab*lab	1.0	0.0	0.0
lab*ch	0.0	1.0	0.0
lab*nch	0.0	0.0	1.0

standard and adapted CIELAB

LAB*LAB	95.41	-0.98	4.75
LAB*Lab	95.41	-0.98	4.75
LAB*Ch	99.99	0.01	0.0

relative CIELAB lab*

lab*lab	1.0	0.0	0.0
lab*ch	0.0	1.0	0.0
lab*nch	0.0	0.0	1.0

relative Natural Colour (NC)

lab*lab	1.0	0.0	0.0
lab*ch	0.0	1.0	0.0
lab*nch	0.0	0.0	1.0

standard and adapted CIELAB

LAB*LAB	95.41	-0.98	4.75
LAB*Lab	95.41	-0.98	4.75
LAB*Ch	99.99	0.01	0.0

relative CIELAB lab*

lab*lab	1.0	0.0	0.0
lab*ch	0.0	1.0	0.0
lab*nch	0.0	0.0	1.0

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)
LAB*LAB	82.0	-0.45	-7.31	
LAB*Lab	82.0	-0.45	-7.31	
LAB*Ch	99.99	0.01	0.0	

standard and adapted CIELAB

LAB*LAB	82.0	-0.45	-7.31
LAB*Lab	82.0	-0.45	-7.31
LAB*Ch	99.99	0.01	0.0

relative CIELAB lab*

lab*lab	1.0	0.0	0.0
lab*ch	0.0	1.0	0.0
lab*nch	0.0	0.0	1.0

relative Natural Colour (NC)

lab*lab	1.0	0.0	0.0
lab*ch	0.0	1.0	0.0
lab*nch	0.0	0.0	1.0

standard and adapted CIELAB

LAB*LAB	82.0	-0.45	-7.31
LAB*Lab	82.0	-0.45	-7.31
LAB*Ch	99.99	0.01	0.0

relative CIELAB lab*

lab*lab	1.0	0.0	0.0
lab*ch	0.0	1.0	0.0
lab*nch	0.0	0.0	1.0

relative Natural Colour (NC)

lab*lab	1.0	0.0	0.0
lab*ch	0.0	1.0	0.0
lab*nch	0.0	0.0	1.0

standard and adapted CIELAB

LAB*LAB	82.0	-0.45	-7.31
LAB*Lab	82.0	-0.45	-7.31
LAB*Ch	99.99	0.01	0.0

relative CIELAB lab*

lab*lab	1.0	0.0	0.0
lab*ch	0.0	1.0	0.0
lab*nch	0.0	0.0	1.0

relative Natural Colour (NC)

lab*lab	1.0	0.0	0.0
lab*ch	0.0	1.0	0.0
lab*nch	0.0	0.0	1.0

OG570-7, 5 stufige Reihen für konstanten CIELAB Buntton 272/360 = 0.755 (links)

5 stufige Reihen für konstanten CIELAB Buntton 271/360 = 0.754 (rechts)

BAM-Prüfvorlage OG57; Farbmetrik-Systeme SRS18 & ORS18 input: $cmv0^* \text{ setcmkcolor}$

D65: 2 Koordinatendaten von 5stufigen Farbreihen für 10 Bunttöne output: $cmv0^* / 000n^* \text{ setcmkcolor}$