

Eingabe: Farbmetrisches Standard-Reflektiv-System SRS18

für Buntton $h^* = lab^*h = 30/360 = 0.083$

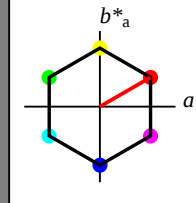
lab^*ch und lab^*nch

D65: Buntton O

LCH*Ma: 57 77 30

olv*Ma: 1.0 0.0 0.0

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)

standard and adapted CIELAB

LAB*LAB	56.71	0.0	0.0
LAB*LABa	56.71	0.0	0.0
LAB*LABb	56.71	0.0	0.0
LAB*LABc	56.71	0.0	0.0
LAB*LABd	56.71	0.0	0.0
LAB*LABe	56.71	0.0	0.0
LAB*LABf	56.71	0.0	0.0
LAB*LABg	56.71	0.0	0.0
LAB*LABh	56.71	0.0	0.0
LAB*LABi	56.71	0.0	0.0
LAB*LABj	56.71	0.0	0.0
LAB*LABk	56.71	0.0	0.0
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LAB*LABn	56.71	0.0	0.0
LAB*LABo	56.71	0.0	0.0
LAB*LABp	56.71	0.0	0.0
LAB*LABq	56.71	0.0	0.0
LAB*LABr	56.71	0.0	0.0
LAB*LABs	56.71	0.0	0.0
LAB*LABt	56.71	0.0	0.0
LAB*LABu	56.71	0.0	0.0
LAB*LABv	56.71	0.0	0.0
LAB*LABw	56.71	0.0	0.0
LAB*LABx	56.71	0.0	0.0
LAB*LABy	56.71	0.0	0.0
LAB*LABz	56.71	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*	0.0	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)

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LAB*LABt	56.71	0.0	0.0
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olv17*	0.0	0.0	0.0	(0.0)
olv18*	0.0	0.0	0.0	(0.0)

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*	1.0	0.5	0.5	(1.0)
olv4*	0.0	0.5	0.5	(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

Eingabe: Farbmetrisches Standard-Reflektiv-System SRS18

für Buntton $h^* = lab^*h = 90/360 = 0.25$

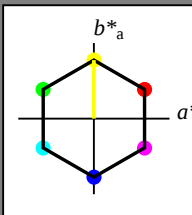
lab^*ch und lab^*nch

D65: Buntton Y

LCH*Ma: 57 77 90

olv*Ma: 1.0 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 95.41 0.0 0.0
LAB*LABc 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*LABa 76.07 0.0 0.0
LAB*LABb 76.07 0.0 0.0
LAB*LABc 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*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 56.72 0.0 0.0
LAB*LABa 56.72 0.0 0.0
LAB*LABb 56.72 0.0 0.0
LAB*LABc 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*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 37.37 0.0 0.0
LAB*LABa 37.37 0.0 0.0
LAB*LABb 37.37 0.0 0.0
LAB*LABc 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*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 18.03 0.0 0.0
LAB*LABa 18.03 0.0 0.0
LAB*LABb 18.03 0.0 0.0
LAB*LABc 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*tr 0.0 0.0 0.0
lab*ce 0.0 0.0 0.0
lab*nce 1.0 0.0 0.0

$n^* = 1.0$

SRS18; adaptierte CIELAB-Daten

	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
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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
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%Regularität

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

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 76.06 0.0 0.0
LAB*LABa 76.06 0.0 0.0
LAB*LABb 76.06 0.0 0.0
LAB*LABc 76.06 0.0 0.0

relative CIELAB lab*
lab*lab 0.75 0.0 0.5 (1.0)
lab*ch 0.75 0.0 0.5 (1.0)
lab*nch 0.0 0.5 0.5 (0.0)
relative Natural Colour (NC)
lab*tr 0.75 0.0 0.5 (1.0)
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lab*ch 0.75 0.0 0.5 (1.0)
lab*nch 0.0 0.5 0.5 (0.0)
relative Natural Colour (NC)
lab*tr 0.75 0.0 0.5 (1.0)
lab*ce 0.75 0.0 0.5 (1.0)
lab*nce 0.0 0.5 0.5 (0.0)

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 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 37.36 0.0 0.0
LAB*LABa 37.36 0.0 0.0
LAB*LABb 37.36 0.0 0.0
LAB*LABc 37.36 0.0 0.0

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

$n^* = 0.50$

Ausgabe: Farbmetrisches Offset-Reflektiv-System ORS18

für Buntton $h^* = lab^*h = 96/360 = 0.268$

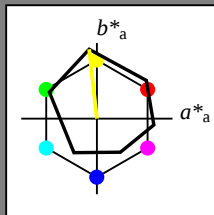
lab^*ch und lab^*nch

D65: Buntton Y

LCH*Ma: 90 92 96

olv*Ma: 1.0 1.0 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 95.41 0.0 0.0
LAB*LABc 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 76.06 -0.61 3.44
LAB*LABa 76.06 0.0 0.0
LAB*LABb 76.06 0.0 0.0
LAB*LABc 76.06 0.0 0.0

relative CIELAB lab*
lab*lab 0.75 0.0 0.5 (1.0)
lab*ch 0.75 0.0 0.5 (1.0)
lab*nch 0.0 0.5 0.5 (0.0)
relative Natural Colour (NC)
lab*tr 0.75 0.0 0.5 (1.0)
lab*ce 0.75 0.0 0.5 (1.0)
lab*nce 0.0 0.5 0.5 (0.0)

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 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 56.71 0.0 0.0
LAB*LABa 56.71 0.0 0.0
LAB*LABb 56.71 0.0 0.0
LAB*LABc 56.71 0.0 0.0

relative CIELAB lab*
lab*lab 0.5 0.0 0.5 (1.0)
lab*ch 0.5 0.0 0.5 (1.0)
lab*nch 0.0 0.5 0.5 (0.0)
relative Natural Colour (NC)
lab*tr 0.5 0.0 0.5 (1.0)
lab*ce 0.5 0.0 0.5 (1.0)
lab*nce 0.0 0.5 0.5 (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 37.36 0.0 0.0
LAB*LABa 37.36 0.0 0.0
LAB*LABb 37.36 0.0 0.0
LAB*LABc 37.36 0.0 0.0

relative CIELAB lab*
lab*lab 0.25 0.0 0.5 (1.0)
lab*ch 0.25 0.0 0.5 (1.0)
lab*nch 0.0 0.5 0.5 (0.0)
relative Natural Colour (NC)
lab*tr 0.25 0.0 0.5 (1.0)
lab*ce 0.25 0.0 0.5 (1.0)
lab*nce 0.0 0.5 0.5 (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 18.02 0.0 0.0
LAB*LABa 18.02 0.0 0.0
LAB*LABb 18.02 0.0 0.0
LAB*LABc 18.02 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	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
RC _{IE}	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 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 92.88 -6.06 50.46
LAB*LABa 92.88 -6.06 50.46
LAB*LABb 92.88 -6.06 50.46
LAB*LABc 92.88 -6.06 50.46

relative CIELAB lab*
lab*lab 0.967 -0.055 0.497
lab*ch 0.75 0.0 0.5 (1.0)
lab*nch 0.0 0.5 0.5 (0.0)
relative Natural Colour (NC)
lab*tr 0.967 -0.048 0.497
lab*ce 0.75 0.0 0.5 (1.0)
lab*nce 0.0 0.5 0.5 (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 73.54 -5.12 45.87
LAB*LABa 73.54 -5.12 45.87
LAB*LABb 73.54 -5.12 45.87
LAB*LABc 73.54 -5.12 45.87

relative CIELAB lab*
lab*lab 0.717 -0.055 0.497
lab*ch 0.75 0.0 0.5 (1.0)
lab*nch 0.0 0.5 0.5 (0.0)
relative Natural Colour (NC)
lab*tr 0.717 -0.048 0.497
lab*ce 0.75 0.0 0.5 (1.0)
lab*nce 0.0 0.5 0.5 (0.0)

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 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 54.19 -5.12 45.87
LAB*LABa 54.19 -5.12 45.87
LAB*LABb 54.19 -5.12 45.87
LAB*LABc 54.19 -5.12 45.87

relative CIELAB lab*
lab*lab 0.467 -0.055 0.497
lab*ch 0.75 0.0 0.5 (1.0)
lab*nch 0.0 0.5 0.5 (0.0)
relative Natural Colour (NC)
lab*tr 0.467 -0.048 0.497
lab*ce 0.75 0.0 0.5 (1.0)
lab*nce 0.0 0.5 0.5 (0.0)

$n^* = 0.50$

NG570-7, 5 stufige Reihen für konstanten CIELAB Buntton 90/360 = 0.25 (links)

5 stufige Reihen für konstanten CIELAB Buntton 96/360 = 0.268 (rechts)

BAM-Prüfvorlage NG57; Farbmetrik-Systeme ORS18 & ORS18input: olv* setrgbcolor

D65: 2 Koordinatendaten; 5stufige Farbreihen für 10 Bunttöne output: Startup (S) data dependend

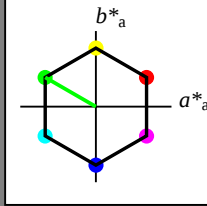
Eingabe: Farbmetrisches Standard-Reflektiv-System SRS18

für Buntton $h^* = lab^*h = 150/360 = 0.417$ lab^*ch und lab^*nch

D65: Buntton L

LCH*Ma: 57 77 150

olv*Ma: 0.0 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 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*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*LABa 76.07 0.0 0.0
 LAB*LABb 75.00 0.01 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*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*LABa 56.72 0.0 0.0
 LAB*LABb 50.01 0.01 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*ncc 0.0 0.0 0.0

relative Inform. Technology (IT)
 olv3* 0.25 0.25 0.25 (1.0)
 cmyn3* 0.75 0.75 0.75 (0.0)
 olv4* 1.0 1.0 1.0 (1.0)
 cmyn4* 0.0 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 37.37 0.0 0.0
 LAB*LABa 37.37 0.0 0.0
 LAB*LABb 25.00 0.01 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*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*LABa 18.03 0.0 0.0
 LAB*LABb 0.01 0.01 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*ncc 1.0 0.0 0.0

relative Inform. Technology (IT)
 olv3* 0.0 0.0 0.0 (1.0)
 cmyn3* 1.0 1.0 1.0 (0.0)
 olv4* 1.0 1.0 1.0 (1.0)
 cmyn4* 0.0 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 18.03 0.0 0.0
 LAB*LABa 18.03 0.0 0.0
 LAB*LABb 0.01 0.01 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*ncc 1.0 0.0 0.0

relative Inform. Technology (IT)
 olv3* 0.75 1.0 0.75 (1.0)
 cmyn3* 0.25 0.0 0.25 (0.0)
 olv4* 0.75 1.0 0.75 (1.0)
 cmyn4* 0.25 0.0 0.25 (0.0)
 standard and adapted CIELAB
 LAB*LAB 85.73 -16.74 9.67
 LAB*LABa 85.73 -16.74 9.67
 LAB*LABb 97.5 19.34 150.0

relative CIELAB lab*
 lab*lab 0.875 -0.216 0.125
 lab*ch 0.875 0.25 0.417
 lab*nch 0.0 0.25 0.417
 relative Natural Colour (NC)
 lab*trj 0.875 -0.24 0.068
 lab*trc 0.875 0.25 0.456
 lab*ncc 0.0 0.25 0.824

relative Inform. Technology (IT)
 olv3* 0.5 0.75 0.5 (1.0)
 cmyn3* 0.5 0.25 0.5 (0.0)
 olv4* 0.75 1.0 0.75 (1.0)
 cmyn4* 0.25 0.0 0.25 (0.0)
 standard and adapted CIELAB
 LAB*LAB 66.39 -16.75 9.68
 LAB*LABa 66.39 -16.75 9.68
 LAB*LABb 62.5 19.35 150.0

relative CIELAB lab*
 lab*lab 0.625 -0.216 0.125
 lab*ch 0.625 0.25 0.417
 lab*nch 0.0 0.25 0.417
 relative Natural Colour (NC)
 lab*trj 0.625 -0.24 0.068
 lab*trc 0.625 0.25 0.456
 lab*ncc 0.0 0.25 0.824

relative Inform. Technology (IT)
 olv3* 0.25 0.5 0.25 (1.0)
 cmyn3* 0.75 0.25 0.75 (0.0)
 olv4* 0.75 1.0 0.75 (1.0)
 cmyn4* 0.25 0.0 0.25 (0.0)
 standard and adapted CIELAB
 LAB*LAB 47.04 -16.75 9.68
 LAB*LABa 47.04 -16.75 9.68
 LAB*LABb 37.5 19.35 150.0

relative CIELAB lab*
 lab*lab 0.375 -0.432 0.25
 lab*ch 0.375 0.25 0.417
 lab*nch 0.0 0.25 0.417
 relative Natural Colour (NC)
 lab*trj 0.375 -0.48 0.136
 lab*trc 0.375 0.25 0.456
 lab*ncc 0.0 0.25 0.824

relative Inform. Technology (IT)
 olv3* 0.0 0.5 0.0 (1.0)
 cmyn3* 0.75 0.25 0.75 (0.0)
 olv4* 0.75 1.0 0.75 (1.0)
 cmyn4* 0.25 0.0 0.25 (0.0)
 standard and adapted CIELAB
 LAB*LAB 27.36 -33.5 19.35
 LAB*LABa 27.36 -33.5 19.35
 LAB*LABb 25.01 38.69 150.0

relative CIELAB lab*
 lab*lab 0.25 -0.432 0.25
 lab*ch 0.25 0.25 0.417
 lab*nch 0.0 0.25 0.417
 relative Natural Colour (NC)
 lab*trj 0.25 -0.48 0.136
 lab*trc 0.25 0.25 0.456
 lab*ncc 0.0 0.25 0.824

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

relative CIELAB lab*
 lab*lab 0.0 0.25 0.0
 lab*ch 0.0 0.25 0.417
 lab*nch 1.0 0.0 0.0
 relative Natural Colour (NC)
 lab*trj 0.0 0.25 0.417
 lab*trc 0.0 0.25 0.456
 lab*ncc 0.0 0.25 0.824

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 0.01 0.01 0.0

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* 0.5 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 76.06 -0.61 3.44
 LAB*LABa 76.06 -0.61 3.44
 LAB*LABb 75.00 0.01 0.0

relative CIELAB lab*
 lab*lab 0.5 -0.432 0.25
 lab*ch 0.5 0.25 0.417
 lab*nch 0.0 0.25 0.417
 relative Natural Colour (NC)
 lab*trj 0.5 -0.48 0.136
 lab*trc 0.5 0.25 0.456
 lab*ncc 0.0 0.25 0.824

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 56.71 -33.5 19.35
 LAB*LABa 56.71 -33.5 19.35
 LAB*LABb 50.01 38.69 150.0

relative CIELAB lab*
 lab*lab 0.25 -0.432 0.25
 lab*ch 0.25 0.25 0.417
 lab*nch 0.0 0.25 0.417
 relative Natural Colour (NC)
 lab*trj 0.25 -0.48 0.136
 lab*trc 0.25 0.25 0.456
 lab*ncc 0.0 0.25 0.824

relative Inform. Technology (IT)
 olv3* 0.0 0.75 0.0 (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 27.36 -33.5 19.35
 LAB*LABa 27.36 -33.5 19.35
 LAB*LABb 25.01 38.69 150.0

relative CIELAB lab*
 lab*lab 0.0 -0.432 0.25
 lab*ch 0.0 0.25 0.417
 lab*nch 0.0 0.25 0.417
 relative Natural Colour (NC)
 lab*trj 0.0 -0.48 0.136
 lab*trc 0.0 0.25 0.456
 lab*ncc 0.0 0.25 0.824

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

relative CIELAB lab*
 lab*lab 0.0 0.25 0.0
 lab*ch 0.0 0.25 0.417
 lab*nch 1.0 0.0 0.0
 relative Natural Colour (NC)
 lab*trj 0.0 0.25 0.417
 lab*trc 0.0 0.25 0.456
 lab*ncc 0.0 0.25 0.824

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 0.01 0.01 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*ncc 1.0 0.0 0.0

relative Inform. Technology (IT)
 olv3* 0.25 1.0 0.25 (1.0)
 cmyn3* 0.75 0.0 0.75 (0.0)
 olv4* 0.25 1.0 0.25 (1.0)
 cmyn4* 0.75 0.0 0.75 (0.0)
 standard and adapted CIELAB
 LAB*LAB 66.38 -50.26 29.02
 LAB*LABa 66.38 -50.26 29.02
 LAB*LABb 62.5 58.04 150.0

relative CIELAB lab*
 lab*lab 0.625 0.75 0.417
 lab*ch 0.625 0.75 0.417
 lab*nch 0.0 0.75 0.417
 relative Natural Colour (NC)
 lab*trj 0.625 0.75 0.417
 lab*trc 0.625 0.75 0.456
 lab*ncc 0.0 0.75 0.824

relative Inform. Technology (IT)
 olv3* 0.0 1.0 0.0 (1.0)
 cmyn3* 0.75 0.0 0.75 (0.0)
 olv4* 0.25 1.0 0.25 (1.0)
 cmyn4* 0.75 0.0 0.75 (0.0)
 standard and adapted CIELAB
 LAB*LAB 56.71 -67.01 38.69
 LAB*LABa 56.71 -67.01 38.69
 LAB*LABb 50.01 77.38 150.0

relative CIELAB lab*
 lab*lab 0.0 -0.865 0.5
 lab*ch 0.0 0.75 0.417
 lab*nch 0.0 0.75 0.417
 relative Natural Colour (NC)
 lab*trj 0.0 -0.961 0.271
 lab*trc 0.0 0.75 0.456
 lab*ncc 0.0 0.75 0.824

relative Inform. Technology (IT)
 olv3* 0.0 0.25 0.0 (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 18.03 0.0 0.0
 LAB*LABa 18.03 0.0 0.0
 LAB*LABb 0.01 0.01 0.0

relative CIELAB lab*
 lab*lab 0.0 0.25 0.0
 lab*ch 0.0 0.25 0.417
 lab*nch 1.0 0.0 0.0
 relative Natural Colour (NC)
 lab*trj 0.0 0.25 0.417
 lab*trc 0.0 0.25 0.456
 lab*ncc 1.0 0.0 0.0

relative Inform. Technology (IT)
 olv3* 0.0 0.0 0.0 (1.0)
 cmyn3* 1.0 1.0 1.0 (0.0)
 olv4* 1.0 1.0 1.0 (1.0)
 cmyn4* 0.0 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 18.02 0.0 0.0
 LAB*LABa 18.02 0.0 0.0
 LAB*LABb 0.01 0.01 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*ncc 1.0 0.0 0.0

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

relative Inform. Technology (IT)
 olv3* 0.0 1.0 0.0 (1.0)
 cmyn3* 0.75 0.0 0.75 (0.0)
 olv4* 0.25 1.0 0.25 (1.0)
 cmyn4* 0.75 0.0 0.75 (0.0)
 standard and adapted CIELAB
 LAB*LAB 56.71 -67.01 38.69
 LAB*LABa 56.71 -67.01 38.69
 LAB*LABb 50.01 77.38 150.0

relative CIELAB lab*
 lab*lab 0.0 -0.865 0.5
 lab*ch 0.0 0.75 0.417
 lab*nch 0.0 0.75 0.417
 relative Natural Colour (NC)
 lab*trj 0.0 -0.961 0.271
 lab*trc 0.0 0.75 0.456
 lab*ncc 0.0 0.75 0.824

relative Inform. Technology (IT)
 olv3* 0.0 0.25 0.0 (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 18.03 0.0 0.0
 LAB*LABa 18.03 0.0 0.0
 LAB*LABb 0.01 0.01 0.0

relative CIELAB lab*
 lab*lab 0.0 0.25 0.0
 lab*ch 0.0 0.25 0.417
 lab*nch 1.0 0.0 0.0
 relative Natural Colour (NC)
 lab*trj 0.0 0.25 0.417
 lab*trc 0.0 0.25 0.456
 lab*ncc 1.0 0.0 0.0

relative Inform. Technology (IT)
 olv3* 0.0 0.0 0.0 (1.0)
 cmyn3* 1.0 1.0 1.0 (0.0)
 olv4* 1.0 1.0 1.0 (1.0)
 cmyn4* 0.0 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 18.02 0.0 0.0
 LAB*LABa 18.02 0.0 0.0
 LAB*LABb 0.01 0.01 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*ncc 1.0 0.0 0.0

relative Inform. Technology (IT)
 olv3* 0.0 0.0 0.0 (1.0)
 cmyn3* 1.0 1.0 1.0 (0.0)
 olv4* 1.0 1.0 1.0 (1.0)
 cmyn4* 0.0 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 18.02 0.0 0.0
 LAB*LABa 18.02 0.0 0.0
 LAB*LABb 0.01 0.01 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*ncc 1.0 0.0 0.0

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

Ausgabe: Farbmetrisches Offset-Reflektiv-System ORS18

für Buntton $h^* = lab^*h = 151/360 = 0.419$ lab^*ch und lab

Eingabe: Farbmetrisches Standard-Reflektiv-System SRS18

für Buntton $h^* = lab^*h = 210/360 = 0.583$

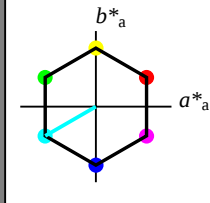
lab^*ch und lab^*nch

D65: Buntton C

LCH*Ma: 57 77 210

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 95.41 0.0 0.0
LAB*LABc 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*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*LABa 76.07 0.0 0.0
LAB*LABb 76.07 0.0 0.0
LAB*LABc 76.07 0.0 0.0

relative CIELAB lab*
lab*lab 0.875 -0.215 -0.124
lab*ch 0.875 0.25 0.583
lab*nch 0.0 0.25 0.583
relative Natural Colour (NC)
lab*trj 0.875 -0.192 -0.157
lab*trc 0.875 0.25 0.583
lab*ncc 0.0 0.25 0.583

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
LAB*LABc 76.07 0.0 0.0

relative CIELAB lab*
lab*lab 0.75 0.25 0.583
lab*ch 0.75 0.25 0.583
lab*nch 0.0 0.25 0.583
relative Natural Colour (NC)
lab*trj 0.75 0.25 0.583
lab*trc 0.75 0.25 0.583
lab*ncc 0.0 0.25 0.583

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
LAB*LABc 76.07 0.0 0.0

relative CIELAB lab*
lab*lab 0.625 -0.192 -0.157
lab*ch 0.625 0.25 0.583
lab*nch 0.0 0.25 0.583
relative Natural Colour (NC)
lab*trj 0.625 -0.192 -0.157
lab*trc 0.625 0.25 0.583
lab*ncc 0.0 0.25 0.583

relative Inform. Technology (IT)
olv3* 0.625 0.625 0.625 (1.0)
cmyn3* 0.375 0.375 0.375 (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
LAB*LABc 56.72 0.0 0.0

relative CIELAB lab*
lab*lab 0.5 -0.216 -0.124
lab*ch 0.5 0.25 0.583
lab*nch 0.0 0.25 0.583
relative Natural Colour (NC)
lab*trj 0.5 -0.216 -0.124
lab*trc 0.5 0.25 0.583
lab*ncc 0.0 0.25 0.583

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 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
LAB*LABc 37.37 0.0 0.0

relative CIELAB lab*
lab*lab 0.375 -0.193 -0.157
lab*ch 0.375 0.25 0.583
lab*nch 0.0 0.25 0.583
relative Natural Colour (NC)
lab*trj 0.375 -0.193 -0.157
lab*trc 0.375 0.25 0.583
lab*ncc 0.0 0.25 0.583

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 0.0 0.0
LAB*LABa 18.03 0.0 0.0
LAB*LABb 18.03 0.0 0.0
LAB*LABc 18.03 0.0 0.0

relative CIELAB lab*
lab*lab 0.125 -0.215 -0.124
lab*ch 0.125 0.25 0.583
lab*nch 0.0 0.25 0.583
relative Natural Colour (NC)
lab*trj 0.125 -0.215 -0.124
lab*trc 0.125 0.25 0.583
lab*ncc 0.0 0.25 0.583

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
LAB*LABc 18.03 0.0 0.0

relative CIELAB lab*
lab*lab 0.0 0.25 0.583
lab*ch 0.0 0.25 0.583
lab*nch 0.0 0.25 0.583
relative Natural Colour (NC)
lab*trj 0.0 0.25 0.583
lab*trc 0.0 0.25 0.583
lab*ncc 0.0 0.25 0.583

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
LAB*LABc 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 0.0 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*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*LABa 18.03 0.0 0.0
LAB*LABb 18.03 0.0 0.0
LAB*LABc 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 0.0 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*ncc 0.0 0.0 0.0

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* 0.5 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* 0.0 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 76.06 -0.61 3.44
LAB*LABc 76.06 -0.61 3.44

relative CIELAB lab*
lab*lab 0.75 -0.432 -0.249
lab*ch 0.75 0.5 0.583
lab*nch 0.0 0.5 0.583
relative Natural Colour (NC)
lab*trj 0.75 -0.386 -0.315
lab*trc 0.75 0.5 0.583
lab*ncc 0.0 0.5 0.583

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 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 56.71 -33.5 -19.34
LAB*LABa 56.71 -33.5 -19.34
LAB*LABb 56.71 -33.5 -19.34
LAB*LABc 56.71 -33.5 -19.34

relative CIELAB lab*
lab*lab 0.5 -0.432 -0.249
lab*ch 0.5 0.5 0.583
lab*nch 0.0 0.5 0.583
relative Natural Colour (NC)
lab*trj 0.5 -0.386 -0.315
lab*trc 0.5 0.5 0.583
lab*ncc 0.0 0.5 0.583

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 1.0 (0.0)
olv4* 0.0 0.0 0.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 66.38 -50.26 -29.01
LAB*LABa 66.38 -50.26 -29.01
LAB*LABb 66.38 -50.26 -29.01
LAB*LABc 66.38 -50.26 -29.01

relative CIELAB lab*
lab*lab 0.625 -0.648 -0.374
lab*ch 0.625 0.75 0.583
lab*nch 0.0 0.75 0.583
relative Natural Colour (NC)
lab*trj 0.625 -0.583 -0.474
lab*trc 0.625 0.75 0.583
lab*ncc 0.0 0.75 0.583

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 1.0 (0.0)
olv4* 0.0 0.0 0.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 56.71 -67.01 -38.68
LAB*LABa 56.71 -67.01 -38.68
LAB*LABb 56.71 -67.01 -38.68
LAB*LABc 56.71 -67.01 -38.68

relative CIELAB lab*
lab*lab 0.5 -0.865 -0.499
lab*ch 0.5 0.5 0.583
lab*nch 0.0 0.5 0.583
relative Natural Colour (NC)
lab*trj 0.5 -0.773 -0.632
lab*trc 0.5 0.5 0.583
lab*ncc 0.0 0.5 0.583

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 1.0 (0.0)
olv4* 0.0 0.0 0.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 56.71 -67.01 -38.68
LAB*LABa 56.71 -67.01 -38.68
LAB*LABb 56.71 -67.01 -38.68
LAB*LABc 56.71 -67.01 -38.68

relative CIELAB lab*
lab*lab 0.375 -0.648 -0.374
lab*ch 0.375 0.75 0.583
lab*nch 0.0 0.75 0.583
relative Natural Colour (NC)
lab*trj 0.375 -0.583 -0.474
lab*trc 0.375 0.75 0.583
lab*ncc 0.0 0.75 0.583

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 1.0 (0.0)
olv4* 0.0 0.0 0.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 56.71 -67.01 -38.68
LAB*LABa 56.71 -67.01 -38.68
LAB*LABb 56.71 -67.01 -38.68
LAB*LABc 56.71 -67.01 -38.68

relative CIELAB lab*
lab*lab 0.25 -0.432 -0.249
lab*ch 0.25 0.5 0.583
lab*nch 0.0 0.5 0.583
relative Natural Colour (NC)
lab*trj 0.25 -0.386 -0.315
lab*trc 0.25 0.5 0.583
lab*ncc 0.0 0.5 0.583

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 1.0 (0.0)
olv4* 0.0 0.0 0.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 56.71 -67.01 -38.68
LAB*LABa 56.71 -67.01 -38.68
LAB*LABb 56.71 -67.01 -38.68
LAB*LABc 56.71 -67.01 -38.68

relative CIELAB lab*
lab*lab 0.125 -0.432 -0.249
lab*ch 0.125 0.5 0.583
lab*nch 0.0 0.5 0.583
relative Natural Colour (NC)
lab*trj 0.125 -0.386 -0.315
lab*trc 0.125 0.5 0.583
lab*ncc 0.0 0.5 0.583

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 1.0 (0.0)
olv4* 0.0 0.0 0.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 56.71 -67.01 -38.68
LAB*LABa 56.71 -67.01 -38.68
LAB*LABb 56.71 -67.01 -38.68
LAB*LABc 56.71 -67.01 -38.68

relative CIELAB lab*
lab*lab 0.0 0.25 0.583
lab*ch 0.0 0.25 0.583
lab*nch 0.0 0.25 0.583
relative Natural Colour (NC)
lab*trj 0.0 0.25 0.583
lab*trc 0.0 0.25 0.583
lab*ncc 0.0 0.25 0.583

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 1.0 (0.0)
olv4* 0.0 0.0 0.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 56.71 -67.01 -38.68
LAB*LABa 56.71 -67.01 -38.68
LAB*LABb 56.71 -67.01 -38.68
LAB*LABc 56.71 -67.01 -38.68

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*trj 0.0 0.0 0.0
lab*trc 0.0 0.0 0.0
lab*ncc 0.0 0.0 0.0

Ausgabe: Farbmetrisches Offset-Reflektiv-System ORS18

für Buntton $h^* = lab^*h = 236/360 = 0.656$

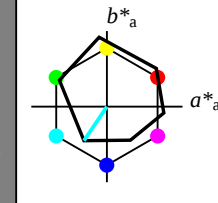
lab^*ch und lab^*nch

D65: Buntton C

LCH*Ma: 59 54 236

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 -0.98 4.75
LAB*LABa 95.41 -0.98 4.75
LAB*LABb 95.41 -0.98 4.75
LAB*LABc 95.41 -0.98 4.75

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*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 76.06 -0.61 3.44
LAB*LABa 76.06 -0.61 3.44
LAB*LABb 76.06 -0.61 3.44
LAB*LABc 76.06 -0.61 3.44

relative CIELAB lab*
lab*lab 0.881 -0.139 -0.206
lab*ch 0.881 0.25 0.656
lab*nch 0.0 0.25 0.656
relative Natural Colour (NC)
lab*trj 0.881 -0.123 -0.216
lab*trc 0.881 0.25 0.656
lab*ncc 0.0 0.25 0.656

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 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 76.06 -0.61 3.44
LAB*LABc 76.06 -0.61 3.44

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

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 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 56.71 -33.5 -19.34
LAB*LABa 56.71 -33.5 -19.34
LAB*LABb 56.71 -33.5 -19.34
LAB*LABc 56.71 -33.5 -19.34

relative CIELAB lab*
lab*lab 0.5 -0.865 -0.499
lab*ch 0.5 0.5 0.583
lab*nch 0.0 0.5 0.583
relative Natural Colour (NC)
lab*trj 0.5 -0.773 -0.632
lab*trc 0.5 0.5 0.583
lab*ncc 0.0 0.5 0.583

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 1.0 (0.0)
olv4* 0.0 0.0 0.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 56.71 -67.01 -38.68
LAB*LABa 56.71 -67.01 -38.68
LAB*LABb 56.71 -67.01 -38.68
LAB*LABc 56.71 -67.01 -38.68

relative CIELAB lab*
lab*lab 0.375 -0.648 -0.374
lab*ch 0.375 0.75 0.583
lab*nch 0.0 0.75 0.583
relative Natural Colour (NC)
lab*trj 0.375 -0.583 -0.474
lab*trc 0.375 0.75 0.583
lab*ncc 0.0 0.75 0.583

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 1.0 (0.0)
olv4* 0.0 0.0 0.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 56.71 -67.01 -38.68
LAB*LABa 56.71 -67.01 -38.68
LAB*LABb 56.71 -67.01 -38.68
LAB*LABc 56.71 -67.01 -38.68

relative CIELAB lab*
lab*lab 0.25 -0.432 -0.249
lab*ch 0.25 0.5 0.583
lab*nch 0.0 0.5 0.583
relative Natural Colour (NC)
lab*trj 0.25 -0.386 -0.315
lab*trc 0.25 0.5 0.583
lab*ncc 0.0 0.5 0.583

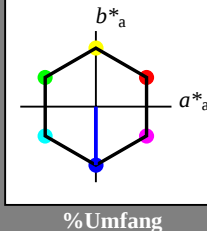
relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 1.0 (0.0)
olv4* 0.0 0.0 0.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 56.71 -67.01 -38.68
LAB*LABa 56.71 -67.01 -38.68
LAB*LABb 56.71 -67.01 -38.68
LAB*LABc 56.71 -67.01 -38.68

relative CIELAB lab*
lab*lab 0.125 -0.432 -0.249
lab*ch 0.125 0.5 0.583
lab*nch 0.0 0.5 0.583
relative Natural Colour (NC)
lab*trj 0.125 -0.386 -0.315
lab*trc

Eingabe: Farbmetrisches Standard-Reflektiv-System SRS18 für Buntton $h^* = lab^*h = 270/360 = 0.75$ lab^*ch und lab^*nch

D65: Buntton V
LCH*Ma: 57 77 270
olv*Ma: 0.0 0.0 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 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*lrj 1.0 0.0 0.0
lab*lce 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 75.00 0.01 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*lrj 0.75 0.0 0.0
lab*lce 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 50.00 0.01 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*lrj 0.5 0.0 0.0
lab*lce 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 (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 25.00 0.01 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*lrj 0.25 0.0 0.0
lab*lce 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 (0.0)
cmyn3* 1.0 1.0 1.0 (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 18.03 0.0 0.0
LAB*LABa 18.03 0.0 0.0
LAB*LABb 0.01 0.01 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*lrj 0.0 0.0 0.0
lab*lce 0.0 0.0 0.0
lab*nce 1.0 0.0 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
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* 0.5 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 76.06 0.0 -38.68
LAB*LABa 76.06 0.0 -38.68
LAB*LABb 75.00 38.69 27.00

relative CIELAB lab*
lab*lab 0.5 0.0 -0.499
lab*ch 0.5 0.0 0.75
lab*nch 0.0 0.5 0.75
relative Natural Colour (NC)
lab*lrj 0.5 -0.011 -0.499
lab*lce 0.5 0.0 0.75
lab*nce 0.0 0.5 0.988

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 (1.0)
cmyn4* 0.5 0.5 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 56.71 0.0 -38.69
LAB*LABa 56.71 0.0 -38.69
LAB*LABb 50.00 38.7 27.00

relative CIELAB lab*
lab*lab 0.25 0.0 -0.499
lab*ch 0.25 0.0 0.75
lab*nch 0.0 0.25 0.75
relative Natural Colour (NC)
lab*lrj 0.25 -0.011 -0.499
lab*lce 0.25 0.0 0.75
lab*nce 0.0 0.25 0.988

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (0.0)
cmyn3* 1.0 1.0 1.0 (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 37.36 0.0 -38.68
LAB*LABa 37.36 0.0 -38.68
LAB*LABb 25.01 38.69 27.00

relative CIELAB lab*
lab*lab 0.0 0.0 -0.499
lab*ch 0.25 0.0 0.75
lab*nch 0.0 0.5 0.75
relative Natural Colour (NC)
lab*lrj 0.25 -0.011 -0.499
lab*lce 0.25 0.0 0.75
lab*nce 0.0 0.5 0.988

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (0.0)
cmyn3* 1.0 1.0 1.0 (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 18.03 0.0 -38.68
LAB*LABa 18.03 0.0 -38.68
LAB*LABb 0.01 0.01 0.0

relative CIELAB lab*
lab*lab 0.0 0.0 -0.499
lab*ch 0.25 0.0 0.75
lab*nch 0.0 0.5 0.75
relative Natural Colour (NC)
lab*lrj 0.25 -0.011 -0.499
lab*lce 0.25 0.0 0.75
lab*nce 0.0 0.5 0.988

$n^* = 0.50$

relative Inform. Technology (IT)
olv3* 0.25 0.25 0.25 (1.0)
cmyn3* 0.75 0.75 0.75 (0.0)
olv4* 0.25 0.25 0.25 (1.0)
cmyn4* 0.75 0.75 0.75 (0.0)
standard and adapted CIELAB
LAB*LAB 66.38 0.0 -58.03
LAB*LABa 66.38 0.0 -58.03
LAB*LABb 62.5 58.04 27.00

relative CIELAB lab*
lab*lab 0.25 0.0 -0.749
lab*ch 0.25 0.0 0.75
lab*nch 0.0 0.25 0.75
relative Natural Colour (NC)
lab*lrj 0.25 -0.018 -0.749
lab*lce 0.25 0.0 0.75
lab*nce 0.0 0.25 0.988

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (0.0)
cmyn3* 1.0 1.0 1.0 (0.0)
olv4* 0.0 0.0 0.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 56.71 0.0 -77.37
LAB*LABa 56.71 0.0 -77.37
LAB*LABb 50.00 77.38 27.00

relative CIELAB lab*
lab*lab 0.0 0.0 -0.999
lab*ch 0.0 0.0 0.75
lab*nch 0.0 0.0 0.75
relative Natural Colour (NC)
lab*lrj 0.0 -0.024 -0.998
lab*lce 0.0 0.0 0.75
lab*nce 0.0 0.0 0.988

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (0.0)
cmyn3* 1.0 1.0 1.0 (0.0)
olv4* 0.0 0.0 0.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 18.02 0.0 -58.03
LAB*LABa 18.02 0.0 -58.03
LAB*LABb 0.01 0.01 0.0

relative CIELAB lab*
lab*lab 0.0 0.0 -0.999
lab*ch 0.0 0.0 0.75
lab*nch 0.0 0.0 0.75
relative Natural Colour (NC)
lab*lrj 0.0 -0.024 -0.998
lab*lce 0.0 0.0 0.75
lab*nce 0.0 0.0 0.988

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (0.0)
cmyn3* 1.0 1.0 1.0 (0.0)
olv4* 0.0 0.0 0.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 18.02 0.0 -58.03
LAB*LABa 18.02 0.0 -58.03
LAB*LABb 0.01 0.01 0.0

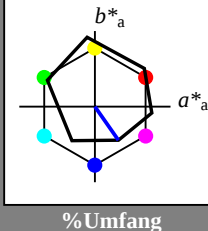
relative CIELAB lab*
lab*lab 0.0 0.0 -0.999
lab*ch 0.0 0.0 0.75
lab*nch 0.0 0.0 0.75
relative Natural Colour (NC)
lab*lrj 0.0 -0.024 -0.998
lab*lce 0.0 0.0 0.75
lab*nce 0.0 0.0 0.988

$n^* = 0.00$

Ausgabe: Farbmetrisches Offset-Reflektiv-System ORS18 für Buntton $h^* = lab^*h = 305/360 = 0.847$ lab^*ch und lab^*nch

D65: Buntton V
LCH*Ma: 26 54 305
olv*Ma: 0.0 0.0 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 -0.98 4.75
LAB*LABa 95.41 0.0 0.0
LAB*LABb 99.99 0.01 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*lrj 1.0 0.0 0.0
lab*lce 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 76.06 -0.61 3.44
LAB*LABa 76.06 0.0 0.0
LAB*LABb 75.00 0.01 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*lrj 0.75 0.0 0.0
lab*lce 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 56.71 0.0 -77.37
LAB*LABa 56.71 0.0 -77.37
LAB*LABb 50.00 77.38 27.00

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*lrj 0.5 0.0 0.0
lab*lce 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* 0.25 0.25 0.25 (1.0)
cmyn4* 0.75 0.75 0.75 (0.0)
standard and adapted CIELAB
LAB*LAB 66.38 0.0 -58.03
LAB*LABa 66.38 0.0 -58.03
LAB*LABb 62.5 58.04 27.00

relative CIELAB lab*
lab*lab 0.25 0.0 -0.749
lab*ch 0.25 0.0 0.75
lab*nch 0.0 0.25 0.75
relative Natural Colour (NC)
lab*lrj 0.25 -0.018 -0.749
lab*lce 0.25 0.0 0.75
lab*nce 0.0 0.25 0.988

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (0.0)
cmyn3* 1.0 1.0 1.0 (0.0)
olv4* 0.0 0.0 0.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 56.71 0.0 -77.37
LAB*LABa 56.71 0.0 -77.37
LAB*LABb 50.00 77.38 27.00

relative CIELAB lab*
lab*lab 0.0 0.0 -0.999
lab*ch 0.0 0.0 0.75
lab*nch 0.0 0.0 0.75
relative Natural Colour (NC)
lab*lrj 0.0 -0.024 -0.998
lab*lce 0.0 0.0 0.75
lab*nce 0.0 0.0 0.988

$n^* = 0.00$

relative Inform. Technology (IT)
olv3* 0.75 0.75 0.75 (1.0)
cmyn3* 0.25 0.25 0.25 (0.0)
olv4* 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 0.0 0.0
LAB*LABb 75.00 0.01 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*lrj 0.75 0.0 0.0
lab*lce 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 56.71 0.0 -77.37
LAB*LABa 56.71 0.0 -77.37
LAB*LABb 50.00 77.38 27.00

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*lrj 0.5 0.0 0.0
lab*lce 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* 0.25 0.25 0.25 (1.0)
cmyn4* 0.75 0.75 0.75 (0.0)
standard and adapted CIELAB
LAB*LAB 66.38 0.0 -58.03
LAB*LABa 66.38 0.0 -58.03
LAB*LABb 62.5 58.04 27.00

relative CIELAB lab*
lab*lab 0.25 0.0 -0.749
lab*ch 0.25 0.0 0.75
lab*nch 0.0 0.25 0.75
relative Natural Colour (NC)
lab*lrj 0.25 -0.018 -0.749
lab*lce 0.25 0.0 0.75
lab*nce 0.0 0.25 0.988

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (0.0)
cmyn3* 1.0 1.0 1.0 (0.0)
olv4* 0.0 0.0 0.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 56.71 0.0 -77.37
LAB*LABa 56.71 0.0 -77.37
LAB*LABb 50.00 77.38 27.00

relative CIELAB lab*
lab*lab 0.0 0.0 -0.999
lab*ch 0.0 0.0 0.75
lab*nch 0.0 0.0 0.75
relative Natural Colour (NC)
lab*lrj 0.0 -0.024 -0.998
lab*lce 0.0 0.0 0.75
lab*nce 0.0 0.0 0.988

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (0.0)
cmyn3* 1.0 1.0 1.0 (0.0)
olv4* 0.0 0.0 0.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 18.02 0.0 -58.03
LAB*LABa 18.02 0.0 -58.03
LAB*LABb 0.01 0.01 0.0

relative CIELAB lab*
lab*lab 0.0 0.0 -0.999
lab*ch 0.0 0.0 0.75
lab*nch 0.0 0.0 0.75
relative Natural Colour (NC)
lab*lrj 0.0 -0.024 -0.998
lab*lce 0.0 0.0 0.75
lab*nce 0.0 0.0 0.988

$n^* = 1.0$

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
RC _{IE}	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* 0.75 0.75 0.75 (1.0)
cmyn3* 0.25 0.25 0.25 (0.0)
olv4* 0.75 0.75 0.75 (1.0)
cmyn4* 0.25 0.25 0.25 (0.0)
standard and adapted CIELAB
LAB*LAB 76.06 -0.61 3.44
LAB*LABa 76.06 0.0 0.0
LAB*LABb 75.00 0.01 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*lrj 0.75 0.0 0.0
lab*lce 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 56.71 0.0 -77.37
LAB*LABa 56.71 0.0 -77.37
LAB*LABb 50.00 77.38 27.00

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*lrj 0.5 0.0 0.0
lab*lce 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* 0.25 0.25 0.25 (1.0)
cmyn4* 0.75 0.75 0.75 (0.0)
standard and adapted CIELAB
LAB*LAB 66.38 0

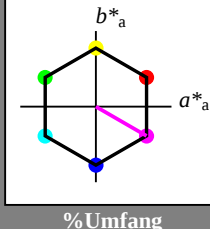
Eingabe: Farbmetrisches Standard-Reflektiv-System SRS18

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)
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*tch 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*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)
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*tch 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*tce 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*tch 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*tce 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 (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 0.0 0.0

relative CIELAB lab*
lab*lab 0.25 0.0 0.0
lab*tch 0.25 0.0 0.0
lab*nch 0.0 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 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*tch 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*tce 0.0 0.0 0.0
lab*nce 1.0 0.0 0.0

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

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* 1.0 0.5 1.0 (1.0)
cmyn3* 0.0 0.5 0.0 (0.0)
olv4* 1.0 0.5 1.0 (1.0)
cmyn4* 0.0 0.5 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 76.06 33.51 -19.34
LAB*LABa 76.06 33.51 -19.34
LAB*LABb 76.06 33.51 -19.34

relative CIELAB lab*
lab*lab 0.75 0.433 -0.249
lab*tch 0.75 0.5 0.917
lab*nch 0.0 0.5 0.917
relative Natural Colour (NC)
lab*trj 0.75 0.5 0.917
lab*tce 0.75 0.5 0.917
lab*nce 0.0 0.5 0.917

relative Inform. Technology (IT)
olv3* 0.75 0.25 0.75 (1.0)
cmyn3* 0.25 0.75 0.25 (0.0)
olv4* 1.0 0.5 1.0 (1.0)
cmyn4* 0.0 0.5 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 56.71 33.52 -19.34
LAB*LABa 56.71 33.52 -19.34
LAB*LABb 56.71 33.52 -19.34

relative CIELAB lab*
lab*lab 0.5 0.433 -0.249
lab*tch 0.5 0.5 0.917
lab*nch 0.0 0.5 0.917
relative Natural Colour (NC)
lab*trj 0.5 0.5 0.917
lab*tce 0.5 0.5 0.917
lab*nce 0.0 0.5 0.917

relative Inform. Technology (IT)
olv3* 0.5 0.25 0.5 (0.0)
cmyn3* 0.25 0.5 0.25 (0.0)
olv4* 1.0 0.25 1.0 (1.0)
cmyn4* 0.0 0.25 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 47.04 30.27 -29.01
LAB*LABa 47.04 30.27 -29.01
LAB*LABb 47.04 30.27 -29.01

relative CIELAB lab*
lab*lab 0.375 0.649 -0.374
lab*tch 0.375 0.75 0.917
lab*nch 0.0 0.75 0.917
relative Natural Colour (NC)
lab*trj 0.375 0.75 0.917
lab*tce 0.375 0.75 0.917
lab*nce 0.0 0.75 0.917

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 1.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 27.26 33.51 -19.34
LAB*LABa 27.26 33.51 -19.34
LAB*LABb 27.26 33.51 -19.34

relative CIELAB lab*
lab*lab 0.25 0.433 -0.249
lab*tch 0.25 0.5 0.917
lab*nch 0.0 0.5 0.917
relative Natural Colour (NC)
lab*trj 0.25 0.5 0.917
lab*tce 0.25 0.5 0.917
lab*nce 0.0 0.5 0.917

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 1.0 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 18.02 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 1.0 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 1.0 0.0 0.0

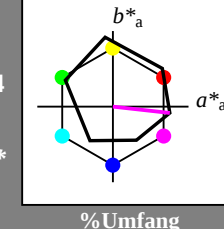
Ausgabe: Farbmetrisches Offset-Reflektiv-System ORS18

für Buntton $h^* = lab^*h = 354/360 = 0.982$

lab^*tch und lab^*nch

D65: Buntton M
LCH*Ma: 48 76 354
olv*Ma: 1.0 0.0 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 -0.98 4.75
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 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*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)
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 0.0 0.0
LAB*LABb 76.06 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 0.0 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 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 0.24 2.14
LAB*LABa 56.71 0.24 2.14
LAB*LABb 56.71 0.24 2.14

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 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 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 0.13 0.58
LAB*LABa 37.37 0.13 0.58
LAB*LABb 37.37 0.13 0.58

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 0.0
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 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 1.0 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 18.02 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 1.0 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 1.0 0.0 0.0

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

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
RC _{IE}	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 0.5 1.0 (1.0)
cmyn3* 0.0 0.5 0.0 (0.0)
olv4* 1.0 0.5 1.0 (1.0)
cmyn4* 0.0 0.5 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 71.77 37.1 -1.01
LAB*LABa 71.77 37.1 -1.01
LAB*LABb 71.77 37.1 -1.01

relative CIELAB lab*
lab*lab 0.695 0.497 -0.054
lab*tch 0.75 0.5 0.982
lab*nch 0.0 0.5 0.982
relative Natural Colour (NC)
lab*trj 0.695 0.497 -0.054
lab*tce 0.695 0.497 -0.054
lab*nce 0.0 0.5 0.982

relative Inform. Technology (IT)
olv3* 0.75 0.25 0.75 (1.0)
cmyn3* 0.25 0.75 0.25 (0.0)
olv4* 1.0 0.5 1.0 (1.0)
cmyn4* 0.0 0.5 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 52.42 37.68 -2.32
LAB*LABa 52.42 37.68 -2.32
LAB*LABb 52.42 37.68 -2.32

relative CIELAB lab*
lab*lab 0.542 0.745 -0.082
lab*tch 0.625 0.75 0.982
lab*nch 0.0 0.75 0.982
relative Natural Colour (NC)
lab*trj 0.542 0.745 -0.082
lab*tce 0.542 0.745 -0.082
lab*nce 0.0 0.75 0.982

relative Inform. Technology (IT)
olv3* 0.5 0.25 0.5 (0.0)
cmyn3* 0.25 0.5 0.25 (0.0)
olv4* 1.0 0.25 1.0 (1.0)
cmyn4* 0.0 0.25 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 40.6 56.52 -5.21
LAB*LABa 40.6 56.52 -5.21
LAB*LABb 40.6 56.52 -5.21

relative CIELAB lab*
lab*lab 0.389 0.909 -0.416
lab*tch 0.389 0.909 -0.416
lab*nch 0.0 0.909 -0.416
relative Natural Colour (NC)
lab*trj 0.389 0.909 -0.416
lab*tce 0.389 0.909 -0.416
lab*nce 0.0 0.909 -0.416

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 1.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 27.26 37.63 -1.17
LAB*LABa 27.26 37.63 -1.17
LAB*LABb 27.26 37.63 -1.17

relative CIELAB lab*
lab*lab 0.25 0.75 0.72
lab*tch 0.25 0.75 0.982
lab*nch 0.0 0.75 0.982
relative Natural Colour (NC)
lab*trj 0.25 0.75 0.982
lab*tce 0.25 0.75 0.982
lab*nce 0.0 0.75 0.982

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 1.0 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 1.0 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 1.0 0.0 0.0

NG570-7, 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 NG57; Farbmetrik-Systeme ORS18 & ORS18input: olv* setrgbcolor

D65: 2 Koordinatendaten; 5stufige Farbreihen für 10 Bunttöne output: Startup (S) data dependend

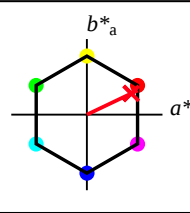
Eingabe: Farbmatisches Standard-Reflektiv-System SRS18

für Buntton $h^* = lab^*h = 25/360 = 0.071$ lab^*tch und lab^*nch

D65: Buntton R

LCH*Ma: 57 74 25

olv*Ma: 1.0 0.0 0.09

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)

relative Inform. Technology (IT)	
olv3*	1.0 0.75 0.72 (1.0)
olv4*	0.0 0.25 0.28 (0.0)
olv5*	0.0 0.75 0.72 (1.0)
olv6*	0.0 0.25 0.28 (0.0)
olv7*	0.0 0.25 0.28 (0.0)
olv8*	0.0 0.25 0.28 (0.0)
olv9*	0.0 0.25 0.28 (0.0)
olv10*	0.0 0.25 0.28 (0.0)
olv11*	0.0 0.25 0.28 (0.0)
olv12*	0.0 0.25 0.28 (0.0)
olv13*	0.0 0.25 0.28 (0.0)
olv14*	0.0 0.25 0.28 (0.0)
olv15*	0.0 0.25 0.28 (0.0)
olv16*	0.0 0.25 0.28 (0.0)
olv17*	0.0 0.25 0.28 (0.0)
olv18*	0.0 0.25 0.28 (0.0)

relative Inform. Technology (IT)	
olv3*	0.75 0.75 0.75 (1.0)
olv4*	0.0 0.25 0.25 (0.0)
olv5*	0.0 0.25 0.25 (0.0)
olv6*	0.0 0.25 0.25 (0.0)
olv7*	0.0 0.25 0.25 (0.0)
olv8*	0.0 0.25 0.25 (0.0)
olv9*	0.0 0.25 0.25 (0.0)
olv10*	0.0 0.25 0.25 (0.0)
olv11*	0.0 0.25 0.25 (0.0)
olv12*	0.0 0.25 0.25 (0.0)
olv13*	0.0 0.25 0.25 (0.0)
olv14*	0.0 0.25 0.25 (0.0)
olv15*	0.0 0.25 0.25 (0.0)
olv16*	0.0 0.25 0.25 (0.0)
olv17*	0.0 0.25 0.25 (0.0)
olv18*	0.0 0.25 0.25 (0.0)

relative Inform. Technology (IT)	
olv3*	0.75 0.75 0.75 (1.0)
olv4*	0.0 0.25 0.25 (0.0)
olv5*	0.0 0.25 0.25 (0.0)
olv6*	0.0 0.25 0.25 (0.0)
olv7*	0.0 0.25 0.25 (0.0)
olv8*	0.0 0.25 0.25 (0.0)
olv9*	0.0 0.25 0.25 (0.0)
olv10*	0.0 0.25 0.25 (0.0)
olv11*	0.0 0.25 0.25 (0.0)
olv12*	0.0 0.25 0.25 (0.0)
olv13*	0.0 0.25 0.25 (0.0)
olv14*	0.0 0.25 0.25 (0.0)
olv15*	0.0 0.25 0.25 (0.0)
olv16*	0.0 0.25 0.25 (0.0)
olv17*	0.0 0.25 0.25 (0.0)
olv18*	0.0 0.25 0.25 (0.0)

relative Inform. Technology (IT)	
olv3*	0.75 0.75 0.75 (1.0)
olv4*	0.0 0.25 0.25 (0.0)
olv5*	0.0 0.25 0.25 (0.0)
olv6*	0.0 0.25 0.25 (0.0)
olv7*	0.0 0.25 0.25 (0.0)
olv8*	0.0 0.25 0.25 (0.0)
olv9*	0.0 0.25 0.25 (0.0)
olv10*	0.0 0.25 0.25 (0.0)
olv11*	0.0 0.25 0.25 (0.0)
olv12*	0.0 0.25 0.25 (0.0)
olv13*	0.0 0.25 0.25 (0.0)
olv14*	0.0 0.25 0.25 (0.0)
olv15*	0.0 0.25 0.25 (0.0)
olv16*	0.0 0.25 0.25 (0.0)
olv17*	0.0 0.25 0.25 (0.0)
olv18*	0.0 0.25 0.25 (0.0)

relative Inform. Technology (IT)	
olv3*	0.75 0.75 0.75 (1.0)
olv4*	0.0 0.25 0.25 (0.0)
olv5*	0.0 0.25 0.25 (0.0)
olv6*	0.0 0.25 0.25 (0.0)
olv7*	0.0 0.25 0.25 (0.0)
olv8*	0.0 0.25 0.25 (0.0)
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olv10*	0.0 0.25 0.25 (0.0)
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olv12*	0.0 0.25 0.25 (0.0)
olv13*	0.0 0.25 0.25 (0.0)
olv14*	0.0 0.25 0.25 (0.0)
olv15*	0.0 0.25 0.25 (0.0)
olv16*	0.0 0.25 0.25 (0.0)
olv17*	0.0 0.25 0.25 (0.0)
olv18*	0.0 0.25 0.25 (0.0)

relative Inform. Technology (IT)	
olv3*	0.75 0.75 0.75 (1.0)
olv4*	0.0 0.25 0.25 (0.0)
olv5*	0.0 0.25 0.25 (0.0)
olv6*	0.0 0.25 0.25 (0.0)
olv7*	0.0 0.25 0.25 (0.0)
olv8*	0.0 0.25 0.25 (0.0)
olv9*	0.0 0.25 0.25 (0.0)
olv10*	0.0 0.25 0.25 (0.0)
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olv15*	0.0 0.25 0.25 (0.0)
olv16*	0.0 0.25 0.25 (0.0)
olv17*	0.0 0.25 0.25 (0.0)
olv18*	0.0 0.25 0.25 (0.0)

relative Inform. Technology (IT)	
olv3*	0.75 0.75 0.75 (1.0)
olv4*	0.0 0.25 0.25 (0.0)
olv5*	0.0 0.25 0.25 (0.0)
olv6*	0.0 0.25 0.25 (0.0)
olv7*	0.0 0.25 0.25 (0.0)
olv8*	0.0 0.25 0.25 (0.0)
olv9*	0.0 0.25 0.25 (0.0)
olv10*	0.0 0.25 0.25 (0.0)
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olv15*	0.0 0.25 0.25 (0.0)
olv16*	0.0 0.25 0.25 (0.0)
olv17*	0.0 0.25 0.25 (0.0)
olv18*	0.0 0.25 0.25 (0.0)

relative Inform. Technology (IT)	
olv3*	0.75 0.75 0.75 (1.0)
olv4*	0.0 0.25 0.25 (0.0)
olv5*	0.0 0.25 0.25 (0.0)
olv6*	0.0 0.25 0.25 (0.0)
olv7*	0.0 0.25 0.25 (0.0)
olv8*	0.0 0.25 0.25 (0.0)
olv9*	0.0 0.25 0.25 (0.0)
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olv15*	0.0 0.25 0.25 (0.0)
olv16*	0.0 0.25 0.25 (0.0)
olv17*	0.0 0.25 0.25 (0.0)
olv18*	0.0 0.25 0.25 (0.0)

relative Inform. Technology (IT)	
olv3*	0.75 0.75 0.75 (1.0)
olv4*	0.0 0.25 0.25 (0.0)
olv5*	0.0 0.25 0.25 (0.0)
olv6*	0.0 0.25 0.25 (0.0)
olv7*	0.0 0.25 0.25 (0.0)
olv8*	0.0 0.25 0.25 (0.0)
olv9*	0.0 0.25 0.25 (0.0)
olv10*	0.0 0.25 0.25 (0.0)
olv11*	0.0 0.25 0.25 (0.0)
olv12*	0.0 0.25 0.25 (0.0)
olv13*	0.0 0.25 0.25 (0.0)
olv14*	0.0 0.25 0.25 (0.0)
olv15*	0.0 0.25 0.25 (0.0)
olv16*	0.0 0.25 0.25 (0.0)
olv17*	0.0 0.25 0.25 (0.0)
olv18*	0.0 0.25 0.25 (0.0)

relative Inform. Technology (IT)	
olv3*	0.75 0.75 0.75 (1.0)
olv4*	0.0 0.25 0.25 (0.0)
olv5*	0.0 0.25 0.25 (0.0)
olv6*	0.0 0.25 0.25 (0.0)
olv7*	0.0 0.25 0.25 (0.0)
olv8*	0.0 0.25 0.25 (0.0)
olv9*	0.0 0.25 0.25 (0.0)
olv10*	0.0 0.25 0.25 (0.0)
olv11*	0.0 0.25 0.25 (0.0)
olv12*	0.0 0.25 0.25 (0.0)
olv13*	0.0 0.25 0.25 (0.0)
olv14*	0.0 0.25 0.25 (0.0)
olv15*	0.0 0.25 0.25 (0.0)
olv16*	0.0 0.25 0.25 (0.0)
olv17*	0.0 0.25 0.25 (0.0)
olv18*	0.0 0.25 0.25 (0.0)

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)

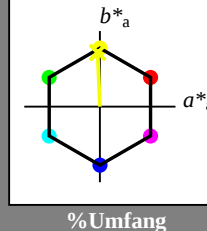
olv3*	1.0 0.75 0.72 (1.0)
olv4*	0.0 0.25 0.28 (0.0)
olv5*	0.0 0.75 0.72 (1.0)
olv6*	0.0 0.25 0.28 (0.0)
olv7*	0.0 0.25 0.28 (0.0)
olv8*	0.0 0.25 0.28 (0.0)
olv9*	0.0 0.25 0.28 (0.0)
olv10*	0.0 0.25 0.28 (0.0)
olv11*	0.0 0.25 0.28 (0.0)
olv12*	0.0 0.25 0.28 (0.0)
olv13*	0.0 0.25 0.28 (0.0)
olv14*	0.0 0.25 0.28 (0.0)
olv15*	0.0 0.25 0.28 (0.0)
olv16*	0.0 0.25 0.28 (0.0)
olv17*	0.0 0.25 0.28 (0.0)
olv18*	0.0 0.25 0.28 (0.0)

olv3*	0.75 0.75 0.75 (1.0)
olv4*	0.0 0.25 0.25 (0.0)
olv5*	0.0 0.25 0.25 (0.0)
olv6*	0.0 0.25 0.25 (0.0)
olv7*	0.0 0.25 0.25 (0.0)
olv8*	0.0 0.25 0.25 (0.0)
olv9*	0.0 0.25 0.25 (0.0)
olv10*	0.0 0.25 0.25 (0.0)
olv11*	0.0 0.25 0.25 (0.0)
olv12*	0.0 0.25 0.25 (0.0)
olv13*	0.0 0.25 0.25 (0.0)
olv14*	0.0 0.25 0.25 (0.0)
olv15*	0.0 0.25 0.25 (0.0)
olv16*	0.0 0.25 0.25 (0.0)
olv17*	0.0 0.25 0.25 (0.0)
olv18*	0.0 0.2

Eingabe: Farbmetrisches Standard-Reflektiv-System SRS18
für Buntton $h^* = lab^*h = 92/360 = 0.256$
 lab^*ch und lab^*nch

D65: Buntton J
LCH*Ma: 57 76 92
olv*Ma: 0.95 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 99.99 0.01 0.0

relative Inform. Technology (IT)
olv3* 0.989 1.0 0.75 (1.0)
cmyn3* 0.011 0.0 0.25 (0.0)
olv4* 0.989 1.0 0.75 (1.0)
cmyn4* 0.011 0.0 0.25 (0.0)
standard and adapted CIELAB
LAB*LAB 85.73 -0.75 18.91
LAB*LABa 85.73 -0.75 18.91
LAB*LABb 89.5 18.92 92.25

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 75.0 37.84 92.3

relative Inform. Technology (IT)
olv3* 0.966 1.0 0.25 (1.0)
cmyn3* 0.034 0.0 0.25 (0.0)
olv4* 0.966 1.0 0.25 (1.0)
cmyn4* 0.034 0.0 0.25 (0.0)
standard and adapted CIELAB
LAB*LAB 66.38 -2.27 56.72
LAB*LABa 66.38 -2.27 56.72
LAB*LABb 62.5 56.77 92.31

relative Inform. Technology (IT)
olv3* 0.954 1.0 0.0 (1.0)
cmyn3* 0.046 0.0 0.0 (0.0)
olv4* 0.954 1.0 0.0 (1.0)
cmyn4* 0.046 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 50.0 75.69 92.31

relative Inform. Technology (IT)
olv3* 0.947 1.0 0.0 (1.0)
cmyn3* 0.053 0.0 0.0 (0.0)
olv4* 0.947 1.0 0.0 (1.0)
cmyn4* 0.053 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 50.0 75.69 92.31
LAB*LABa 50.0 75.69 92.31
LAB*LABb 44.0 92.31 92.31

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 75.0 0.01 0.0

relative Inform. Technology (IT)
olv3* 0.727 0.75 0.25 (1.0)
cmyn3* 0.273 0.25 0.25 (0.0)
olv4* 0.989 1.0 0.75 (1.0)
cmyn4* 0.011 0.0 0.25 (0.0)
standard and adapted CIELAB
LAB*LAB 66.39 -0.75 18.91
LAB*LABa 66.39 -0.75 18.91
LAB*LABb 62.5 18.92 92.25

relative Inform. Technology (IT)
olv3* 0.715 0.75 0.0 (1.0)
cmyn3* 0.285 0.25 0.0 (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 50.0 37.85 92.31

relative Inform. Technology (IT)
olv3* 0.715 0.75 0.0 (1.0)
cmyn3* 0.285 0.25 0.0 (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 50.0 37.85 92.31

relative Inform. Technology (IT)
olv3* 0.715 0.75 0.0 (1.0)
cmyn3* 0.285 0.25 0.0 (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 50.0 37.85 92.31

relative Inform. Technology (IT)
olv3* 0.715 0.75 0.0 (1.0)
cmyn3* 0.285 0.25 0.0 (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 50.0 37.85 92.31

relative Inform. Technology (IT)
olv3* 0.715 0.75 0.0 (1.0)
cmyn3* 0.285 0.25 0.0 (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 50.0 37.85 92.31

relative Inform. Technology (IT)
olv3* 0.715 0.75 0.0 (1.0)
cmyn3* 0.285 0.25 0.0 (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 50.0 37.85 92.31

relative Inform. Technology (IT)
olv3* 0.715 0.75 0.0 (1.0)
cmyn3* 0.285 0.25 0.0 (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 50.0 37.85 92.31

relative Inform. Technology (IT)
olv3* 0.715 0.75 0.0 (1.0)
cmyn3* 0.285 0.25 0.0 (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 50.0 37.85 92.31

relative Inform. Technology (IT)
olv3* 0.715 0.75 0.0 (1.0)
cmyn3* 0.285 0.25 0.0 (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 50.0 37.85 92.31

relative Inform. Technology (IT)
olv3* 0.715 0.75 0.0 (1.0)
cmyn3* 0.285 0.25 0.0 (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 50.0 37.85 92.31

relative Inform. Technology (IT)
olv3* 0.715 0.75 0.0 (1.0)
cmyn3* 0.285 0.25 0.0 (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 50.0 37.85 92.31

relative Inform. Technology (IT)
olv3* 0.715 0.75 0.0 (1.0)
cmyn3* 0.285 0.25 0.0 (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 50.0 37.85 92.31

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D65: 2 Koordinatendaten; 5stufige Farbreihen für 10 Bunttöne output: *Startup (S) data dependence*

