

Eingabe: Farbmetrisches Reflexions-System NCS11

für Buntton $h^* = lab^*h = 24/360 = 0.066$

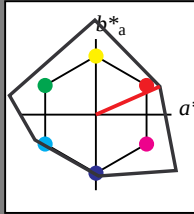
lab^*ch und lab^*nch

D65: Buntton R

LCH*Ma: 47 92 24

rgb*Ma: 1.0 0.0 0.0

Dreiecks-Helligkeit t^*



$u^*_{rel} = 149$

relative Inform. Technology (IT)

olvi3*	1.0	1.0	1.0	(1.0)
olvi3*	0.0	0.0	0.0	(0.0)
olvi4*	1.0	1.0	1.0	(1.0)
olvi4*	0.0	0.0	0.0	(0.0)
olvi5*	1.0	1.0	1.0	(1.0)
olvi5*	0.0	0.0	0.0	(0.0)
LAB*Lab	95.41	0.0	-0.01	
LAB*Lab	95.41	0.0	0.0	
LAB*Lab	99.99	0.01	0.0	

relative CIELAB lab*

lab*lab	1.0	0.0	0.0	
lab*lab	1.0	0.0	0.0	
lab*lab	0.0	0.0	0.0	
lab*lab	0.0	0.0	0.0	
lab*lab	0.0	0.0	0.0	
lab*lab	0.0	0.0	0.0	
lab*lab	0.0	0.0	0.0	
lab*lab	0.0	0.0	0.0	
lab*lab	0.0	0.0	0.0	
lab*lab	0.0	0.0	0.0	

relative Inform. Technology (IT)

olvi3*	0.75	0.75	0.75	(1.0)
olvi3*	0.25	0.25	0.25	(0.0)
olvi4*	1.0	1.0	1.0	(1.0)
olvi4*	0.0	0.0	0.0	(0.0)
olvi5*	1.0	1.0	1.0	(1.0)
olvi5*	0.0	0.0	0.0	(0.0)
LAB*Lab	74.31	0.02	0.0	
LAB*Lab	74.31	0.02	0.0	
LAB*Lab	74.31	0.02	0.0	
LAB*Lab	75.00	0.01	0.0	

relative CIELAB lab*

lab*lab	0.75	0.75	0.75	(1.0)
lab*lab	0.25	0.25	0.25	(0.0)
lab*lab	0.75	0.75	0.75	(1.0)
lab*lab	0.25	0.25	0.25	(0.0)
lab*lab	0.75	0.75	0.75	(1.0)
lab*lab	0.25	0.25	0.25	(0.0)
lab*lab	0.75	0.75	0.75	(1.0)
lab*lab	0.25	0.25	0.25	(0.0)
lab*lab	0.75	0.75	0.75	(1.0)
lab*lab	0.25	0.25	0.25	(0.0)

relative Inform. Technology (IT)

olvi3*	0.5	0.5	0.5	(0.0)
olvi3*	0.5	0.5	0.5	(0.0)
olvi4*	1.0	1.0	1.0	(1.0)
olvi4*	0.0	0.0	0.0	(0.0)
olvi5*	1.0	1.0	1.0	(1.0)
olvi5*	0.0	0.0	0.0	(0.0)
LAB*Lab	53.21	0.04	0.0	
LAB*Lab	53.21	0.04	0.0	
LAB*Lab	53.21	0.04	0.0	
LAB*Lab	50.00	0.01	0.0	

relative CIELAB lab*

lab*lab	0.5	0.5	0.5	(0.0)
lab*lab	0.5	0.5	0.5	(0.0)
lab*lab	0.5	0.5	0.5	(0.0)
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lab*lab	0.5	0.5	0.5	(0.0)
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relative Inform. Technology (IT)

olvi3*	0.25	0.25	0.25	(1.0)
olvi3*	0.75	0.75	0.75	(0.0)
olvi4*	1.0	1.0	1.0	(1.0)
olvi4*	0.0	0.0	0.0	(0.0)
olvi5*	1.0	1.0	1.0	(1.0)
olvi5*	0.0	0.0	0.0	(0.0)
LAB*Lab	32.11	0.07	0.01	
LAB*Lab	32.11	0.07	0.01	
LAB*Lab	32.11	0.07	0.01	
LAB*Lab	25.00	0.01	0.0	

relative CIELAB lab*

lab*lab	0.25	0.25	0.25	(1.0)
lab*lab	0.75	0.75	0.75	(0.0)
lab*lab	0.25	0.25	0.25	(1.0)
lab*lab	0.75	0.75	0.75	(0.0)
lab*lab	0.25	0.25	0.25	(1.0)
lab*lab	0.75	0.75	0.75	(0.0)
lab*lab	0.25	0.25	0.25	(1.0)
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lab*lab	0.25	0.25	0.25	(1.0)
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lab*lab	0.0	0.0	0.0	
lab*lab	0.0	0.0	0.0	
lab*lab	0.0	0.0	0.0	

UG590-7, 5 stufige Reihen für konstanten CIELAB Buntton 24/360 = 0.066 (links)

BAM-Prüfvorlage UG59; Farbmetrik-Systeme NCS11a & NCS11aput: $cmy0^* setcmykcolor$

D65: 2 Koordinaten-Daten von 5stufigen Farbreihen für 10 Bunttonenput: $no\ change\ compared\ to\ input$

Ausgabe: Farbmetrisches Reflexions-System NCS11

für Buntton $h^* = lab^*h = 24/360 = 0.066$

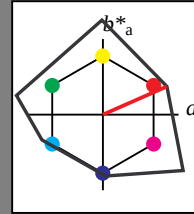
lab^*ch und lab^*nch

D65: Buntton R

LCH*Ma: 47 92 24

rgb*Ma: 1.0 0.0 0.0

Dreiecks-Helligkeit t^*



$u^*_{rel} = 149$

relative Inform. Technology (IT)

olvi3*	1.0	1.0	1.0	(1.0)
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lab*lab	0.0	0.0	0.0	
lab*lab	0.0	0.0	0.0	
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LAB*Lab	74.31	0.02	0.0	
LAB*Lab	75.00	0.01	0.0	

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lab*lab	0.75	0.75	0.75	(1.0)
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lab*lab	0.75	0.75	0.75	(1.0)
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relative Inform. Technology (IT)

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olvi4*	0.0	0.0	0.0	(0.0)
olvi5*	1.0	1.0	1.0	(1.0)
olvi5*	0.0	0.0	0.0	(0.0)
LAB*Lab	53.21	0.04	0.0	
LAB*Lab	53.21	0.04	0.0	
LAB*Lab	53.21	0.04	0.0	
LAB*Lab	50.00	0.01	0.0	

relative CIELAB lab*

lab*lab	0.5	0.5	0.5	(0.0)
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lab*lab	0.5	0.5	0.5	(0.0)
lab*lab	0.5	0.5	0.5	(0.0)
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olvi3*	0.75	0.75	0.75	(0.0)
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olvi4*	0.0	0.0	0.0	(0.0)
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LAB*Lab	25.00	0.01	0.0	

relative CIELAB lab*

lab*lab	0.25	0.25	0.25	(1.0)
lab*lab	0.75	0.75	0.75	(0.0)
lab*lab	0.25	0.25	0.25	(1.0)
lab*lab	0.75	0.75	0.75	(0.0)
lab*lab	0.25	0.25	0.25	(1.0)
lab*lab	0.75	0.75	0.75	(0.0)
lab*lab	0.25	0.25	0.25	(1.0)
lab*lab	0.75	0.75	0.75	(0.0)
lab*lab	0.25	0.25	0.25	(1.0)
lab*lab	0.75	0.75	0.75	(0.0)

relative Inform. Technology (IT)

olvi3*	0.0	0.0	0.0	(1.0)
olvi3*	1.0	1.0	1.0	(0.0)
olvi4*	1.0	1.0	1.0	(1.0)
olvi4*	0.0	0.0	0.0	(0.0)
olvi5*	1.0	1.0	1.0	(1.0)
olvi5*	0.0	0.0	0.0	(0.0)
LAB*Lab	11.01	0.07	0.01	
LAB*Lab	11.01	0.07	0.01	
LAB*Lab	11.01	0.07	0.01	
LAB*Lab	0.01	0.01	0.0	

relative CIELAB lab*

lab*lab	0.0	0.0	0.0	
lab*lab	0.0	0.0	0.0	
lab*lab	0.0	0.0	0.0	
lab*lab	0.0	0.0	0.0	
lab*lab	0.0	0.0	0.0	
lab*lab	0.0	0.0	0.0	
lab*lab	0.0	0.0	0.0	
lab*lab	0.0	0.0	0.0	
lab*lab	0.0	0.0	0.0	
lab*lab	0.0	0.0	0.0	

5 stufige Reihen für konstanten CIELAB Buntton 24/360 = 0.066 (rechts)

relative Buntheit c^*

relative Buntheit c^*

Schwarzheit n^*

Schwarzheit n^*

Eingabe: Farbmetrisches Reflexions-System NCS11

für Buntton $h^* = lab^*h = 91/360 = 0.252$

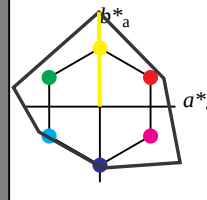
lab^*ch und lab^*nch

D65: Buntton J

LCH*Ma: 91 125 91

rgb*Ma: 1.0 1.0 0.0

Dreiecks-Helligkeit t^*



%Umfang

$u^*_{rel} = 149$

relative Inform. Technology (IT)

olvi3*	1.0	1.0	1.0	(1.0)
cmyn3*	0.0	0.0	0.0	(0.0)
olvi4*	1.0	1.0	1.0	(1.0)
cmyn4*	0.0	0.0	0.0	(0.0)
LAB*Lab	95.41	0.0	-0.01	
LAB*Lab	95.41	0.0	0.0	
LAB*Lab	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)	1.0	0.0	0.0	
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)

olvi3*	0.75	0.75	0.75	(1.0)
cmyn3*	0.25	0.25	0.25	(0.0)
olvi4*	1.0	1.0	1.0	(1.0)
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LAB*Lab	74.31	0.02	0.0	
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LAB*Lab	75.00	0.01	0.0	

relative CIELAB lab*

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

relative Inform. Technology (IT)

olvi3*	0.5	0.5	0.5	(0.0)
cmyn3*	0.5	0.5	0.5	(0.0)
olvi4*	1.0	1.0	1.0	(1.0)
cmyn4*	0.0	0.0	0.0	(0.0)
LAB*Lab	53.21	0.04	0.0	
LAB*Lab	53.21	0.04	0.0	
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relative CIELAB lab*

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

relative Inform. Technology (IT)

olvi3*	0.25	0.25	0.25	(1.0)
cmyn3*	0.75	0.75	0.75	(0.0)
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LAB*Lab	32.11	0.07	0.01	
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relative CIELAB lab*

lab*lab	0.25	0.25	0.25	(1.0)
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relative Natural Colour (NC)	0.25	0.25	0.25	(1.0)
lab*tr	0.25	0.25	0.25	(1.0)
lab*ce	0.25	0.25	0.25	(1.0)
lab*nce	0.75	0.75	0.75	(0.0)

relative Inform. Technology (IT)

olvi3*	0.0	0.0	0.0	(1.0)
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relative CIELAB lab*

lab*lab	0.0	0.0	0.0	(1.0)
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relative Natural Colour (NC)	0.0	0.0	0.0	(1.0)
lab*tr	0.0	0.0	0.0	(1.0)
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UG590-7, 5 stufige Reihen für konstanten CIELAB Buntton 91/360 = 0.252 (links)

BAM-Prüfvorlage UG59; Farbmetrik-Systeme NCS11a & NCS11aput: cmy0* setcmykcolor

D65: 2 Koordinaten-Daten von 5stufigen Farbreihen für 10 Bunttonenput: no change compared to input

NCS11; adaptierte CIELAB-Daten

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
RMa	47.15	84.64	37.25	92.48	24
JMa	91.37	-1.27	125.03	125.03	91
GMa	63.07	-114.28	25.35	117.06	167
G50B _{Ma}	59.47	-80.6	-33.45	87.28	203
B _{Ma}	49.01	3.65	-81.19	81.28	273
B50R _{Ma}	44.06	106.09	-73.93	129.32	325
N _{Ma}	10.99	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
RCIE	39.92	58.69	27.98	65.01	25
JCIE	81.26	-2.9	71.56	71.62	92
GCIE	52.23	-42.45	13.59	44.59	162
BCIE	30.57	1.35	-46.48	46.51	272

%Regularität

$g^*_{H,rel} = 46$

$g^*_{C,rel} = 65$

$n^* = 0.00$

$n^* = 0.25$

$n^* = 0.50$

$n^* = 0.75$

$n^* = 1.00$

$n^* = 1.25$

$n^* = 1.50$

$n^* = 1.75$

$n^* = 2.00$

$n^* = 2.25$

$n^* = 2.50$

$n^* = 2.75$

$n^* = 3.00$

$n^* = 3.25$

$n^* = 3.50$

$n^* = 3.75$

$n^* = 4.00$

$n^* = 4.25$

$n^* = 4.50$

$n^* = 4.75$

$n^* = 5.00$

$n^* = 5.25$

$n^* = 5.50$

$n^* = 5.75$

$n^* = 6.00$

$n^* = 6.25$

$n^* = 6.50$

$n^* = 6.75$

$n^* = 7.00$

$n^* = 7.25$

$n^* = 7.50$

$n^* = 7.75$

$n^* = 8.00$

$n^* = 8.25$

$n^* = 8.50$

$n^* = 8.75$

$n^* = 9.00$

$n^* = 9.25$

$n^* = 9.50$

$n^* = 9.75$

$n^* = 10.00$

$n^* = 10.25$

$n^* = 10.50$

$n^* = 10.75$

$n^* = 11.00$

$n^* = 11.25$

$n^* = 11.50$

$n^* = 11.75$

$n^* = 12.00$

$n^* = 12.25$

$n^* = 12.50$

$n^* = 12.75$

$n^* = 13.00$

$n^* = 13.25$

$n^* = 13.50$

$n^* = 13.75$

$n^* = 14.00$

$n^* = 14.25$

$n^* = 14.50$

$n^* = 14.75$

$n^* = 15.00$

$n^* = 15.25$

$n^* = 15.50$

$n^* = 15.75$

$n^* = 16.00$

$n^* = 16.25$

$n^* = 16.50$

$n^* = 16.75$

$n^* = 17.00$

$n^* = 17.25$

$n^* = 17.50$

$n^* = 17.75$

$n^* = 18.00$

$n^* = 18.25$

$n^* = 18.50$

$n^* = 18.75$

$n^* = 19.00$

$n^* = 19.25$

$n^* = 19.50$

$n^* = 19.75$

$n^* = 20.00$

$n^* = 20.25$

$n^* = 20.50$

$n^* = 20.75$

$n^* = 21.00$

$n^* = 21.25$

$n^* = 21.50$

$n^* = 21.75$

$n^* = 22.00$

$n^* = 22.25$

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$n^* = 36.25$

-8

Eingabe: Farbmetrisches Reflexions-System NCS11

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

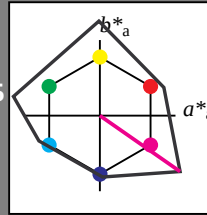
lab^*tch und lab^*nch

D65: Buntton B50R

LCH*Ma: 44 129 325

rgb*Ma: 1.0 0.0 1.0

Dreiecks-Helligkeit t^*



$u^*_{rel} = 149$

relative Inform. Technology (IT)

olvi3*	1.0	1.0	1.0	(1.0)
cmyn3*	0.0	0.0	0.0	(0.0)
olvi4*	1.0	1.0	1.0	(1.0)
cmyn4*	0.0	0.0	0.0	(0.0)
LAB*LAB	95.41	0.0	-0.01	
LAB*LAB	95.41	0.0	0.0	
LAB*TCa	99.99	0.01	0.0	

relative CIELAB lab*

lab*lab	1.0	0.0	0.0	
lab*tch	0.0	1.0	0.0	
lab*nch	0.0	0.0	1.0	

relative Natural Colour (NC)

lab*trj	1.0	0.0	0.0	
lab*tch	0.0	1.0	0.0	
lab*nch	0.0	0.0	1.0	

relative Inform. Technology (IT)

olvi3*	0.75	0.75	0.75	(1.0)
cmyn3*	0.25	0.25	0.25	(0.0)
olvi4*	1.0	1.0	1.0	(1.0)
cmyn4*	0.0	0.0	0.0	(0.0)
LAB*LAB	74.31	0.02	0.0	
LAB*LAB	74.31	0.02	0.0	
LAB*TCa	75.00	0.01	0.0	

relative CIELAB lab*

lab*lab	0.75	0.75	0.75	(1.0)
lab*tch	0.25	0.25	0.25	(0.0)
lab*nch	0.0	0.0	0.0	(0.0)

relative Natural Colour (NC)

lab*trj	0.75	0.75	0.75	(1.0)
lab*tch	0.25	0.25	0.25	(0.0)
lab*nch	0.0	0.0	0.0	(0.0)

relative Inform. Technology (IT)

olvi3*	0.5	0.5	0.5	(0.0)
cmyn3*	0.5	0.5	0.5	(0.0)
olvi4*	1.0	1.0	1.0	(1.0)
cmyn4*	0.0	0.0	0.0	(0.0)
LAB*LAB	53.21	0.04	0.0	
LAB*LAB	53.21	0.04	0.0	
LAB*TCa	50.00	0.01	0.0	

relative CIELAB lab*

lab*lab	0.5	0.5	0.5	(0.0)
lab*tch	0.5	0.5	0.5	(0.0)
lab*nch	0.0	0.0	0.0	(0.0)

relative Natural Colour (NC)

lab*trj	0.5	0.5	0.5	(0.0)
lab*tch	0.5	0.5	0.5	(0.0)
lab*nch	0.0	0.0	0.0	(0.0)

relative Inform. Technology (IT)

olvi3*	0.25	0.25	0.25	(1.0)
cmyn3*	0.75	0.75	0.75	(0.0)
olvi4*	1.0	1.0	1.0	(1.0)
cmyn4*	0.0	0.0	0.0	(0.0)
LAB*LAB	32.11	0.07	0.01	
LAB*LAB	32.11	0.07	0.01	
LAB*TCa	25.00	0.01	0.0	

relative CIELAB lab*

lab*lab	0.25	0.25	0.25	(1.0)
lab*tch	0.75	0.75	0.75	(0.0)
lab*nch	0.0	0.0	0.0	(0.0)

relative Natural Colour (NC)

lab*trj	0.25	0.25	0.25	(1.0)
lab*tch	0.75	0.75	0.75	(0.0)
lab*nch	0.0	0.0	0.0	(0.0)

relative Inform. Technology (IT)

olvi3*	0.0	0.0	0.0	(1.0)
cmyn3*	1.0	1.0	1.0	(0.0)
olvi4*	1.0	1.0	1.0	(1.0)
cmyn4*	0.0	0.0	0.0	(0.0)
LAB*LAB	11.01	0.07	0.01	
LAB*LAB	11.01	0.07	0.01	
LAB*TCa	0.01	0.01	0.0	

relative CIELAB lab*

lab*lab	0.0	0.0	0.0	(1.0)
lab*tch	1.0	1.0	1.0	(0.0)
lab*nch	0.0	0.0	0.0	(0.0)

relative Natural Colour (NC)

lab*trj	0.0	0.0	0.0	(1.0)
lab*tch	1.0	1.0	1.0	(0.0)
lab*nch	0.0	0.0	0.0	(0.0)

NCS11; adaptierte CIELAB-Daten

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
RMa	47.15	84.64	37.25	92.48	24
JMa	91.37	-1.27	125.03	125.03	91
GMa	63.07	-114.28	25.35	117.06	167
G50B _{Ma}	59.47	-80.6	-33.45	87.28	203
B _{Ma}	49.01	3.65	-81.19	81.28	273
B50R _{Ma}	44.06	106.09	-73.93	129.32	325
N _{Ma}	10.99	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
RCIE	39.92	58.69	27.98	65.01	25
JCIE	81.26	-2.9	71.56	71.62	92
GCIE	52.23	-42.45	13.59	44.59	162
BCIE	30.57	1.35	-46.48	46.51	272

%Regularität

$g^*_{H,rel} = 46$

$g^*_{C,rel} = 65$

$n^* = 0.00$

$n^* = 0.25$

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$n^* = 0.75$

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$n^* = 37.25$

$n^* = 37.50$

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Eingabe: Farbmetrisches Reflexions-System NCS11

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

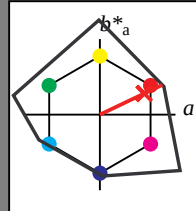
lab^*ch und lab^*nch

D65: Buntton R

LCH*Ma: 48 91 25

rgb*Ma: 1.0 0.02 0.0

Dreiecks-Helligkeit t^*



%Umfang

$u^*_{rel} = 149$

relative Inform. Technology (IT)

olvi3*	1.0	1.0	1.0	(1.0)
olvi3*	0.0	0.0	0.0	(0.0)
olvi4*	1.0	1.0	1.0	(1.0)
olvi4*	0.0	0.0	0.0	(0.0)
olvi5*	1.0	1.0	1.0	(1.0)
olvi5*	0.0	0.0	0.0	(0.0)
olvi6*	1.0	1.0	1.0	(1.0)
olvi6*	0.0	0.0	0.0	(0.0)
LAB*Lab	95.41	0.0	-0.01	
LAB*Lab	95.41	0.0	0.0	
LAB*Lab	95.41	0.0	0.0	

relative Inform. Technology (IT)

olvi3*	1.0	0.756	0.75	(1.0)
olvi3*	0.0	0.244	0.25	(0.0)
olvi4*	1.0	0.756	0.75	(1.0)
olvi4*	0.0	0.244	0.25	(0.0)
olvi5*	1.0	0.756	0.75	(1.0)
olvi5*	0.0	0.244	0.25	(0.0)
olvi6*	1.0	0.756	0.75	(1.0)
olvi6*	0.0	0.244	0.25	(0.0)
LAB*Lab	83.61	20.65	9.84	
LAB*Lab	83.61	20.64	9.84	
LAB*Lab	83.61	20.64	9.84	

relative Inform. Technology (IT)

olvi3*	0.75	0.75	0.75	(1.0)
olvi3*	0.25	0.25	0.25	(0.0)
olvi4*	1.0	1.0	1.0	(1.0)
olvi4*	0.0	0.0	0.0	(0.0)
olvi5*	1.0	1.0	1.0	(1.0)
olvi5*	0.0	0.0	0.0	(0.0)
olvi6*	1.0	1.0	1.0	(1.0)
olvi6*	0.0	0.0	0.0	(0.0)
LAB*Lab	74.31	0.02	0.0	
LAB*Lab	74.31	0.02	0.0	
LAB*Lab	74.31	0.02	0.0	

relative Inform. Technology (IT)

olvi3*	0.75	0.506	0.5	(1.0)
olvi3*	0.25	0.494	0.5	(0.0)
olvi4*	1.0	0.756	0.75	(1.0)
olvi4*	0.0	0.244	0.25	(0.0)
olvi5*	1.0	0.756	0.75	(1.0)
olvi5*	0.0	0.244	0.25	(0.0)
olvi6*	1.0	0.756	0.75	(1.0)
olvi6*	0.0	0.244	0.25	(0.0)
LAB*Lab	62.51	20.64	9.84	
LAB*Lab	62.51	20.64	9.84	
LAB*Lab	62.51	20.64	9.84	

relative Inform. Technology (IT)

olvi3*	0.75	0.262	0.25	(1.0)
olvi3*	0.25	0.738	0.75	(0.0)
olvi4*	1.0	0.512	0.5	(1.0)
olvi4*	0.0	0.488	0.5	(0.0)
olvi5*	1.0	0.512	0.5	(1.0)
olvi5*	0.0	0.488	0.5	(0.0)
olvi6*	1.0	0.512	0.5	(1.0)
olvi6*	0.0	0.488	0.5	(0.0)
LAB*Lab	50.71	41.29	19.67	
LAB*Lab	50.71	41.29	19.67	
LAB*Lab	50.71	41.29	19.67	

relative Inform. Technology (IT)

olvi3*	0.75	0.012	0.0	(1.0)
olvi3*	0.25	0.988	0.0	(0.0)
olvi4*	1.0	0.512	0.5	(1.0)
olvi4*	0.0	0.488	0.5	(0.0)
olvi5*	1.0	0.512	0.5	(1.0)
olvi5*	0.0	0.488	0.5	(0.0)
olvi6*	1.0	0.512	0.5	(1.0)
olvi6*	0.0	0.488	0.5	(0.0)
LAB*Lab	29.6	41.29	19.67	
LAB*Lab	29.6	41.29	19.67	
LAB*Lab	29.6	41.29	19.67	

relative Inform. Technology (IT)

olvi3*	0.75	0.012	0.0	(1.0)
olvi3*	0.25	0.988	0.0	(0.0)
olvi4*	1.0	0.512	0.5	(1.0)
olvi4*	0.0	0.488	0.5	(0.0)
olvi5*	1.0	0.512	0.5	(1.0)
olvi5*	0.0	0.488	0.5	(0.0)
olvi6*	1.0	0.512	0.5	(1.0)
olvi6*	0.0	0.488	0.5	(0.0)
LAB*Lab	29.6	41.29	19.67	
LAB*Lab	29.6	41.29	19.67	
LAB*Lab	29.6	41.29	19.67	

relative Inform. Technology (IT)

olvi3*	0.75	0.012	0.0	(1.0)
olvi3*	0.25	0.988	0.0	(0.0)
olvi4*	1.0	0.512	0.5	(1.0)
olvi4*	0.0	0.488	0.5	(0.0)
olvi5*	1.0	0.512	0.5	(1.0)
olvi5*	0.0	0.488	0.5	(0.0)
olvi6*	1.0	0.512	0.5	(1.0)
olvi6*	0.0	0.488	0.5	(0.0)
LAB*Lab	29.6	41.29	19.67	
LAB*Lab	29.6	41.29	19.67	
LAB*Lab	29.6	41.29	19.67	

relative Inform. Technology (IT)

olvi3*	0.75	0.012	0.0	(1.0)
olvi3*	0.25	0.988	0.0	(0.0)
olvi4*	1.0	0.512	0.5	(1.0)
olvi4*	0.0	0.488	0.5	(0.0)
olvi5*	1.0	0.512	0.5	(1.0)
olvi5*	0.0	0.488	0.5	(0.0)
olvi6*	1.0	0.512	0.5	(1.0)
olvi6*	0.0	0.488	0.5	(0.0)
LAB*Lab	29.6	41.29	19.67	
LAB*Lab	29.6	41.29	19.67	
LAB*Lab	29.6	41.29	19.67	

relative Inform. Technology (IT)

olvi3*	0.75	0.012	0.0	(1.0)
olvi3*	0.25	0.988	0.0	(0.0)
olvi4*	1.0	0.512	0.5	(1.0)
olvi4*	0.0	0.488	0.5	(0.0)
olvi5*	1.0	0.512	0.5	(1.0)
olvi5*	0.0	0.488	0.5	(0.0)
olvi6*	1.0	0.512	0.5	(1.0)
olvi6*	0.0	0.488	0.5	(0.0)
LAB*Lab	29.6	41.29	19.67	
LAB*Lab	29.6	41.29	19.67	
LAB*Lab	29.6	41.29	19.67	

NCS11; adaptierte CIELAB-Daten

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

RMa	47.15	84.64	37.25	92.48	24
JMa	91.37	-1.27	125.03	125.03	91
GMa	63.07	-114.28	25.35	117.06	167
G50B _{Ma}	59.47	-80.6	-33.45	87.28	203
B _{Ma}	49.01	3.65	-81.19	81.28	273
B50R _{Ma}	44.06	106.09	-73.93	129.32	325
N _{Ma}	10.99	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
RCIE	39.92	58.69	27.98	65.01	25
JCIE	81.26	-2.9	71.56	71.62	92
GCIE	52.23	-42.45	13.59	44.59	162
BCIE	30.57	1.35	-46.48	46.51	272

%Regularität

$g^*_{H,rel} = 46$

$g^*_{C,rel} = 65$

relative Inform. Technology (IT)

olvi3*	1.0	0.268	0.25	(1.0)
olvi3*	0.0	0.732	0.75	(0.0)
olvi4*	1.0	0.512	0.5	(1.0)
olvi4*	0.0	0.488	0.5	(0.0)
olvi5*	1.0	0.512	0.5	(1.0)
olvi5*	0.0	0.488	0.5	(0.0)
olvi6*	1.0	0.512	0.5	(1.0)
olvi6*	0.0	0.488	0.5	(0.0)
LAB*Lab	71.81	41.31	19.68	
LAB*Lab	71.81	41.28	19.68	
LAB*Lab	71.81	41.28	19.68	

relative Inform. Technology (IT)

olvi3*	1.0	0.268	0.25	(1.0)
olvi3*	0.0	0.732	0.75	(0.0)
olvi4*	1.0	0.268	0.25	(1.0)
olvi4*	0.0	0.732	0.75	(0.0)
olvi5*	1.0	0.268	0.25	(1.0)
olvi5*	0.0	0.732	0.75	(0.0)
olvi6*	1.0	0.268	0.25	(1.0)
olvi6*	0.0	0.732	0.75	(0.0)
LAB*Lab	60.01	61.96	29.53	
LAB*Lab	60.01	61.92	29.52	
LAB*Lab	60.01	61.92	29.52	

relative Inform. Technology (IT)

olvi3*	1.0	0.268	0.25	(1.0)
olvi3*	0.0	0.732	0.75	(0.0)
olvi4*	1.0	0.268	0.25	(1.0)
olvi4*	0.0	0.732	0.75	(0.0)
olvi5*	1.0	0.268	0.25	(1.0)
olvi5*	0.0	0.732	0.75	(0.0)
olvi6*	1.0	0.268	0.25	(1.0)
olvi6*	0.0	0.732	0.75	(0.0)
LAB*Lab	60.01	61.96	29.53	
LAB*Lab	60.01	61.92	29.52	
LAB*Lab	60.01	61.92	29.52	

relative Inform. Technology (IT)

olvi3*	1.0	0.268	0.25	(1.0)
olvi3*	0.0	0.732	0.75	(0.0)
olvi4*	1.0	0.268	0.25	(1.0)
olvi4*	0.0	0.732	0.75	(0.0)
olvi5*	1.0	0.268	0.25	(1.0)
olvi5*	0.0	0.732	0.75	(0.0)
olvi6*	1.0	0.268	0.25	(1.0)
olvi6*	0.0	0.732	0.75	(0.0)
LAB*Lab	60.01	61.96	29.53	
LAB*Lab	60.01	61.92	29.52	
LAB*Lab	60.01	61.92	29.52	

relative Inform. Technology (IT)

olvi3*	1.0	0.268	0.25	(1.0)
olvi3*	0.0	0.732	0.75	(0.0)
olvi4*	1.0	0.268	0.25	(1.0)
olvi4*	0.0	0.732	0.75	(0.0)
olvi5*	1.0	0.268	0.25	(1.0)
olvi5*	0.0	0.732	0.75	(0.0)
olvi6*	1.0	0.268	0.25	(1.0)
olvi6*	0.0	0.732	0.75	(0.0)
LAB*Lab	60.01	61.96	29.53	
LAB*Lab	60.01	61.92	29.52	
LAB*Lab	60.01	61.92	29.52	

relative Inform. Technology (IT)

olvi3*	1.0	0.268	0.25	(1.0)
olvi3*	0.0	0.732	0.75	(0.0)
olvi4*	1.0	0.268	0.25	(1.0)
olvi4*	0.0	0.732	0.75	(0.0)
olvi5*	1.0	0.268	0.25	(1.0)
olvi5*	0.0	0.732	0.75	(0.0)
olvi6*	1.0	0.268	0.25	(1.0)
olvi6*	0.0	0.732	0.75	(0.0)
LAB*Lab	60.01	61.96	29.53	
LAB*Lab	60.01	61.92	29.52	
LAB*Lab	60.01	61.92	29.52	

relative Inform. Technology (IT)

olvi3*	1.0	0.268	0.25	(1.0)
olvi3*	0.0	0.732	0.75	(0.0)
olvi4*	1.0	0.268	0.25	(1.0)
olvi4*	0.0	0.732	0.75	(0.0)
olvi5*	1.0	0.268	0.25	(1.0)
olvi5*	0.0	0.732	0.75	(0.0)
olvi6*	1.0	0.268	0.25	(1.0)
olvi6*	0.0	0.732	0.75	(0.0)
LAB*Lab	60.01	61.96	29.53	
LAB*Lab	60.01	61.92	29.52	
LAB*Lab	60.01	61.92	29.52	

relative Inform. Technology (IT)

olvi3*	1.0	0.268	0.25	(1.0)
olvi3*	0.0	0.732	0.75	(0.0)
olvi4*	1.0	0.268	0.25	(1.0)
olvi4*	0.0	0.732	0.75	(0.0)
olvi5*	1.0	0.268	0.25	(1.0)
olvi5*	0.0	0.732	0.75	(0.0)
olvi6*	1.0	0.268	0.25	(1.0)
olvi6*	0.0	0.732	0.75	(0.0)
LAB*Lab	60.01	61.96	29.53	
LAB*Lab	60.01	61.92	29.52	
LAB*Lab	60.01	61.92	29.52	

$n^* = 0.00$

$n^* = 0.25$

$n^* = 0.50$

$n^* = 0.75$

$n^* = 1.00$

$n^* = 1.25$

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$n^* = 1.75$

$n^* = 2.00$

$n^* = 2.25$

$n^* = 2.50$

$n^* = 2.75$

$n^* = 3.00$

Ausgabe: Farbmetrisches Reflexions-System NCS11

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

lab^*

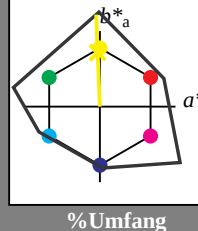
Eingabe: Farbmetrisches Reflexions-System NCS11

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

lab^*ch und lab^*nch

D65: Buntton J
LCH*Ma: 90 122 92
rgb*Ma: 0.97 1.0 0.0

Dreiecks-Helligkeit t^*



%Umfang

$u^*_{rel} = 149$

relative Inform. Technology (IT)
olvi3* 1.0 1.0 1.0 (1.0)
cmyn3* 0.0 0.0 0.0 (0.0)
olvi4* 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 -0.01
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*trb 0.0 0.0 0.0
lab*trg 0.0 0.0 0.0

relative Inform. Technology (IT)
olvi3* 0.75 0.75 0.75 (1.0)
cmyn3* 0.25 0.25 0.25 (0.0)
olvi4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 74.31 0.02 0.0
LAB*LABa 74.31 0.02 0.0
LAB*LABb 74.31 0.02 0.0
LAB*LABc 74.31 0.02 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*trb 0.0 0.0 0.0
lab*trg 0.0 0.0 0.0

relative Inform. Technology (IT)
olvi3* 0.5 0.5 0.5 (0.0)
cmyn3* 0.5 0.5 0.5 (0.0)
olvi4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 53.21 0.04 0.0
LAB*LABa 53.21 0.04 0.0
LAB*LABb 53.21 0.04 0.0
LAB*LABc 53.21 0.04 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*trb 0.0 0.0 0.0
lab*trg 0.0 0.0 0.0

relative Inform. Technology (IT)
olvi3* 0.25 0.25 0.25 (1.0)
cmyn3* 0.75 0.75 0.75 (0.0)
olvi4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 32.11 0.08 0.0
LAB*LABa 32.11 0.08 0.0
LAB*LABb 32.11 0.08 0.0
LAB*LABc 32.11 0.08 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*trb 0.0 0.0 0.0
lab*trg 0.0 0.0 0.0

relative Inform. Technology (IT)
olvi3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 1.0 (0.0)
olvi4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 11.01 0.07 0.0
LAB*LABa 11.01 0.07 0.0
LAB*LABb 11.01 0.07 0.0
LAB*LABc 11.01 0.07 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*trb 1.0 0.0 0.0
lab*trg 0.0 0.0 0.0

relative Inform. Technology (IT)
olvi3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 1.0 (0.0)
olvi4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 0.01 0.01 0.0
LAB*LABa 0.01 0.01 0.0
LAB*LABb 0.01 0.01 0.0
LAB*LABc 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*trb 1.0 0.0 0.0
lab*trg 0.0 0.0 0.0

NCS11; adaptierte CIELAB-Daten

	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
RMa	47.15	84.64	37.25	92.48	24
JMa	91.37	-1.27	125.03	125.03	91
GMa	63.07	-114.28	25.35	117.06	167
G50B _{Ma}	59.47	-80.6	-33.45	87.28	203
B _{Ma}	49.01	3.65	-81.19	81.28	273
B50R _{Ma}	44.06	106.09	-73.93	129.32	325
N _{Ma}	10.99	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
RCIE	39.92	58.69	27.98	65.01	25
JCIE	81.26	-2.9	71.56	71.62	92
GCIE	52.23	-42.45	13.59	44.59	162
BCIE	30.57	1.35	-46.48	46.51	272

%Regularität

$g^*_{H,rel} = 46$

$g^*_{C,rel} = 65$

$n^* = 0.00$

$n^* = 0.25$

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$n^* = 1.00$

Eingabe: Farbmetrisches Reflexions-System NCS11

für Buntton $h^* = lab^*h = 162/360 = 0.451$

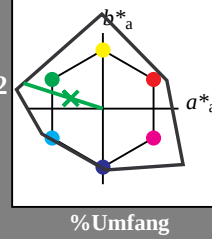
lab^*ch und lab^*nch

D65: Buntton G

LCH*Ma: 65 110 162

rgb*Ma: 0.08 1.0 0.0

Dreiecks-Helligkeit t^*



NCS11; adaptierte CIELAB-Daten

	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
RMa	47.15	84.64	37.25	92.48	24
JMa	91.37	-1.27	125.03	125.03	91
GMa	63.07	-114.28	25.35	117.06	167
G50B _{Ma}	59.47	-80.6	-33.45	87.28	203
B _{Ma}	49.01	3.65	-81.19	81.28	273
B50R _{Ma}	44.06	106.09	-73.93	129.32	325
N _{Ma}	10.99	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
RCIE	39.92	58.69	27.98	65.01	25
JCIE	81.26	-2.9	71.56	71.62	92
GCIE	52.23	-42.45	13.59	44.59	162
BCIE	30.57	1.35	-46.48	46.51	272

%Regularität

$g^*_{H,rel} = 46$

$g^*_{C,rel} = 65$

relative Inform. Technology (IT)
olvi3* 1.0 1.0 1.0 (1.0)
olvi3* 0.0 0.0 0.0 (0.0)
olvi4* 1.0 1.0 1.0 (1.0)
olvi4* 0.0 0.0 0.0 (0.0)
olvi4* 0.0 0.0 0.0 (0.0)
olvi4* 0.0 0.0 0.0 (0.0)
LAB*LAB 95.41 0.0 -0.01
LAB*LAB 95.41 0.0 0.0
LAB*LAB 95.41 0.0 0.0

relative Inform. Technology (IT)
olvi3* 0.771 1.0 0.75 (1.0)
olvi3* 0.229 0.0 0.25 (0.0)
olvi4* 0.771 1.0 0.75 (1.0)
olvi4* 0.229 0.0 0.25 (0.0)
olvi4* 0.229 0.0 0.25 (0.0)
olvi4* 0.229 0.0 0.25 (0.0)
LAB*LAB 87.9 -26.2 8.39
LAB*LAB 87.9 -26.2 8.39
LAB*LAB 87.9 -26.2 8.39
LAB*LAB 87.9 -26.2 8.39

relative Inform. Technology (IT)
olvi3* 0.541 1.0 0.5 (1.0)
olvi3* 0.459 0.0 0.5 (0.0)
olvi4* 0.541 1.0 0.5 (1.0)
olvi4* 0.459 0.0 0.5 (0.0)
olvi4* 0.459 0.0 0.5 (0.0)
olvi4* 0.459 0.0 0.5 (0.0)
LAB*LAB 80.4 -52.43 16.79
LAB*LAB 80.4 -52.43 16.79
LAB*LAB 80.4 -52.43 16.79
LAB*LAB 80.4 -52.43 16.79

relative Inform. Technology (IT)
olvi3* 0.312 1.0 0.3 (1.0)
olvi3* 0.688 0.0 0.3 (0.0)
olvi4* 0.312 1.0 0.3 (1.0)
olvi4* 0.688 0.0 0.3 (0.0)
olvi4* 0.688 0.0 0.3 (0.0)
olvi4* 0.688 0.0 0.3 (0.0)
LAB*LAB 72.9 -78.66 25.19
LAB*LAB 72.9 -78.66 25.19
LAB*LAB 72.9 -78.66 25.19
LAB*LAB 72.9 -78.66 25.19

relative Inform. Technology (IT)
olvi3* 0.083 1.0 0.0 (1.0)
olvi3* 0.917 0.0 1.0 (0.0)
olvi4* 0.083 1.0 0.0 (1.0)
olvi4* 0.917 0.0 1.0 (0.0)
olvi4* 0.917 0.0 1.0 (0.0)
olvi4* 0.917 0.0 1.0 (0.0)
LAB*LAB 65.41 -104.893.58
LAB*LAB 65.41 -104.893.58
LAB*LAB 65.41 -104.893.58
LAB*LAB 65.41 -104.893.58

relative Inform. Technology (IT)
olvi3* 0.291 0.5 0.25 (1.0)
olvi3* 0.709 0.25 0.75 (0.0)
olvi4* 0.291 0.5 0.25 (1.0)
olvi4* 0.709 0.25 0.75 (0.0)
olvi4* 0.709 0.25 0.75 (0.0)
olvi4* 0.709 0.25 0.75 (0.0)
LAB*LAB 59.31 -52.46 16.79
LAB*LAB 59.31 -52.46 16.79
LAB*LAB 59.31 -52.46 16.79
LAB*LAB 59.31 -52.46 16.79

relative Inform. Technology (IT)
olvi3* 0.041 0.5 0.0 (1.0)
olvi3* 0.959 0.5 0.0 (0.0)
olvi4* 0.041 0.5 0.0 (1.0)
olvi4* 0.959 0.5 0.0 (0.0)
olvi4* 0.959 0.5 0.0 (0.0)
olvi4* 0.959 0.5 0.0 (0.0)
LAB*LAB 38.2 -52.46 16.78
LAB*LAB 38.2 -52.46 16.78
LAB*LAB 38.2 -52.46 16.78
LAB*LAB 38.2 -52.46 16.78

relative Inform. Technology (IT)
olvi3* 0.021 0.5 0.0 (1.0)
olvi3* 0.979 0.5 0.0 (0.0)
olvi4* 0.021 0.5 0.0 (1.0)
olvi4* 0.979 0.5 0.0 (0.0)
olvi4* 0.979 0.5 0.0 (0.0)
olvi4* 0.979 0.5 0.0 (0.0)
LAB*LAB 24.6 -26.23 8.38
LAB*LAB 24.6 -26.23 8.38
LAB*LAB 24.6 -26.23 8.38
LAB*LAB 24.6 -26.23 8.38

relative Inform. Technology (IT)
olvi3* 0.161 -0.237 0.076
olvi3* 0.125 0.25 0.451
olvi4* 0.161 -0.237 0.076
olvi4* 0.125 0.25 0.451
olvi4* 0.125 0.25 0.451
olvi4* 0.125 0.25 0.451
LAB*LAB 11.01 0.0 0.0
LAB*LAB 11.01 0.0 0.0
LAB*LAB 11.01 0.0 0.0
LAB*LAB 11.01 0.0 0.0

relative Inform. Technology (IT)
olvi3* 0.0 0.0 0.0 (0.0)
olvi3* 1.0 1.0 1.0 (1.0)
olvi4* 0.0 0.0 0.0 (0.0)
olvi4* 1.0 1.0 1.0 (1.0)
olvi4* 1.0 1.0 1.0 (1.0)
olvi4* 1.0 1.0 1.0 (1.0)
LAB*LAB 0.01 0.01
LAB*LAB 0.01 0.01
LAB*LAB 0.01 0.01
LAB*LAB 0.01 0.01

relative Inform. Technology (IT)
olvi3* 0.25 0.25 0.25 (1.0)
olvi3* 0.75 0.75 0.75 (0.0)
olvi4* 0.25 0.25 0.25 (1.0)
olvi4* 0.75 0.75 0.75 (0.0)
olvi4* 0.75 0.75 0.75 (0.0)
olvi4* 0.75 0.75 0.75 (0.0)
LAB*LAB 53.21 0.04
LAB*LAB 53.21 0.04
LAB*LAB 53.21 0.04
LAB*LAB 53.21 0.04

relative Inform. Technology (IT)
olvi3* 0.661 -0.237 0.076
olvi3* 0.625 0.25 0.451
olvi4* 0.661 -0.237 0.076
olvi4* 0.625 0.25 0.451
olvi4* 0.625 0.25 0.451
olvi4* 0.625 0.25 0.451
LAB*LAB 53.21 0.04
LAB*LAB 53.21 0.04
LAB*LAB 53.21 0.04
LAB*LAB 53.21 0.04

relative Inform. Technology (IT)
olvi3* 0.291 0.5 0.25 (1.0)
olvi3* 0.709 0.25 0.75 (0.0)
olvi4* 0.291 0.5 0.25 (1.0)
olvi4* 0.709 0.25 0.75 (0.0)
olvi4* 0.709 0.25 0.75 (0.0)
olvi4* 0.709 0.25 0.75 (0.0)
LAB*LAB 59.31 -52.46 16.79
LAB*LAB 59.31 -52.46 16.79
LAB*LAB 59.31 -52.46 16.79
LAB*LAB 59.31 -52.46 16.79

relative Inform. Technology (IT)
olvi3* 0.083 1.0 0.0 (1.0)
olvi3* 0.917 0.0 1.0 (0.0)
olvi4* 0.083 1.0 0.0 (1.0)
olvi4* 0.917 0.0 1.0 (0.0)
olvi4* 0.917 0.0 1.0 (0.0)
olvi4* 0.917 0.0 1.0 (0.0)
LAB*LAB 65.41 -104.893.58
LAB*LAB 65.41 -104.893.58
LAB*LAB 65.41 -104.893.58
LAB*LAB 65.41 -104.893.58

relative Inform. Technology (IT)
olvi3* 0.291 0.5 0.25 (1.0)
olvi3* 0.709 0.25 0.75 (0.0)
olvi4* 0.291 0.5 0.25 (1.0)
olvi4* 0.709 0.25 0.75 (0.0)
olvi4* 0.709 0.25 0.75 (0.0)
olvi4* 0.709 0.25 0.75 (0.0)
LAB*LAB 59.31 -52.46 16.79
LAB*LAB 59.31 -52.46 16.79
LAB*LAB 59.31 -52.46 16.79
LAB*LAB 59.31 -52.46 16.79

relative Inform. Technology (IT)
olvi3* 0.041 0.5 0.0 (1.0)
olvi3* 0.959 0.5 0.0 (0.0)
olvi4* 0.041 0.5 0.0 (1.0)
olvi4* 0.959 0.5 0.0 (0.0)
olvi4* 0.959 0.5 0.0 (0.0)
olvi4* 0.959 0.5 0.0 (0.0)
LAB*LAB 38.2 -52.46 16.78
LAB*LAB 38.2 -52.46 16.78
LAB*LAB 38.2 -52.46 16.78
LAB*LAB 38.2 -52.46 16.78

relative Inform. Technology (IT)
olvi3* 0.021 0.5 0.0 (1.0)
olvi3* 0.979 0.5 0.0 (0.0)
olvi4* 0.021 0.5 0.0 (1.0)
olvi4* 0.979 0.5 0.0 (0.0)
olvi4* 0.979 0.5 0.0 (0.0)
olvi4* 0.979 0.5 0.0 (0.0)
LAB*LAB 24.6 -26.23 8.38
LAB*LAB 24.6 -26.23 8.38
LAB*LAB 24.6 -26.23 8.38
LAB*LAB 24.6 -26.23 8.38

relative Inform. Technology (IT)
olvi3* 0.161 -0.237 0.076
olvi3* 0.125 0.25 0.451
olvi4* 0.161 -0.237 0.076
olvi4* 0.125 0.25 0.451
olvi4* 0.125 0.25 0.451
olvi4* 0.125 0.25 0.451
LAB*LAB 11.01 0.0 0.0
LAB*LAB 11.01 0.0 0.0
LAB*LAB 11.01 0.0 0.0
LAB*LAB 11.01 0.0 0.0

relative Inform. Technology (IT)
olvi3* 0.0 0.0 0.0 (0.0)
olvi3* 1.0 1.0 1.0 (1.0)
olvi4* 0.0 0.0 0.0 (0.0)
olvi4* 1.0 1.0 1.0 (1.0)
olvi4* 1.0 1.0 1.0 (1.0)
olvi4* 1.0 1.0 1.0 (1.0)
LAB*LAB 0.01 0.01
LAB*LAB 0.01 0.01
LAB*LAB 0.01 0.01
LAB*LAB 0.01 0.01

relative Inform. Technology (IT)
olvi3* 0.25 0.25 0.25 (1.0)
olvi3* 0.75 0.75 0.75 (0.0)
olvi4* 0.25 0.25 0.25 (1.0)
olvi4* 0.75 0.75 0.75 (0.0)
olvi4* 0.75 0.75 0.75 (0.0)
olvi4* 0.75 0.75 0.75 (0.0)
LAB*LAB 53.21 0.04
LAB*LAB 53.21 0.04
LAB*LAB 53.21 0.04
LAB*LAB 53.21 0.04

UG590-7, 5 stufige Reihen für konstanten CIELAB Buntton 162/360 = 0.451 (links)

5 stufige Reihen für konstanten CIELAB Buntton 162/360 = 0.451 (rechts)

BAM-Prüfvorlage UG59; Farbmetrik-Systeme NCS11a & NCS11aput: cmy0* setcmykcolor

D65: 2 Koordinaten-Daten von 5stufigen Farbreihen für 10 Bunttonen: no change compared to input

Eingabe: Farbmetrisches Reflexions-System NCS11

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

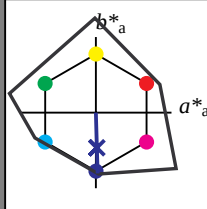
lab^*ch und lab^*nch

D65: Buntton B

LCH*Ma: 49 80 272

rgb*Ma: 0.0 0.02 1.0

Dreiecks-Helligkeit t^*



%Umfang

$u^*_{rel} = 149$

relative Inform. Technology (IT)
olvi3* 1.0 1.0 1.0 (1.0)
cmyn3* 0.0 0.0 0.0 (0.0)
olvi4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
LAB*Lab 95.41 0.0 -0.01
LAB*Lab 95.41 0.0 0.0
LAB*Lab 95.41 0.0 0.0

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

relative Inform. Technology (IT)
olvi3* 0.75 0.75 0.75 (1.0)
cmyn3* 0.25 0.25 0.25 (0.0)
olvi4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
LAB*Lab 74.31 0.02 0.0
LAB*Lab 74.31 0.02 0.0
LAB*Lab 74.31 0.02 0.0

relative CIELAB lab*
lab*lab 0.863 0.007 -0.249
lab*ch 0.875 0.25 0.755
lab*nch 0.0 0.25 0.755
relative Natural Colour (NC)
lab*tr 0.863 0.0 -0.249
lab*ce 0.875 0.25 0.755
lab*nce 0.0 0.25 0.755

relative Inform. Technology (IT)
olvi3* 0.5 0.5 0.5 (0.0)
cmyn3* 0.5 0.5 0.5 (0.0)
olvi4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
LAB*Lab 53.21 0.04 0.0
LAB*Lab 53.21 0.04 0.0
LAB*Lab 53.21 0.04 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)
olvi3* 0.25 0.25 0.25 (0.0)
cmyn3* 0.75 0.75 0.75 (1.0)
olvi4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
LAB*Lab 32.11 0.08 0.0
LAB*Lab 32.11 0.08 0.0
LAB*Lab 32.11 0.08 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)
olvi3* 0.0 0.0 0.0 (0.0)
cmyn3* 0.75 0.75 0.75 (1.0)
olvi4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
LAB*Lab 11.01 0.07 0.01
LAB*Lab 11.01 0.07 0.01
LAB*Lab 11.01 0.07 0.01

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

relative Inform. Technology (IT)
olvi3* 0.0 0.0 0.0 (0.0)
cmyn3* 0.5 0.5 0.5 (0.0)
olvi4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
LAB*Lab 3.09 0.18 0.0
LAB*Lab 3.09 0.18 0.0
LAB*Lab 3.09 0.18 0.0

relative CIELAB lab*
lab*lab 0.113 0.007 -0.249
lab*ch 0.125 0.25 0.755
lab*nch 0.0 0.25 0.755
relative Natural Colour (NC)
lab*tr 0.113 0.0 -0.249
lab*ce 0.125 0.25 0.755
lab*nce 0.0 0.25 0.755

relative Inform. Technology (IT)
olvi3* 0.0 0.0 0.0 (0.0)
cmyn3* 0.25 0.25 0.25 (0.0)
olvi4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
LAB*Lab 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 0.0 0.0 0.0
relative Natural Colour (NC)
lab*tr 0.0 0.0 0.0
lab*ce 0.0 0.0 0.0
lab*nce 0.0 0.0 0.0

relative Inform. Technology (IT)
olvi3* 0.0 0.0 0.0 (0.0)
cmyn3* 0.0 0.0 0.0 (0.0)
olvi4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
LAB*Lab 0.0 0.0 0.0

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

relative Inform. Technology (IT)
olvi3* 0.0 0.0 0.0 (0.0)
cmyn3* 0.0 0.0 0.0 (0.0)
olvi4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
LAB*Lab 0.0 0.0 0.0

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

NCS11; adaptierte CIELAB-Daten

	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
RMa	47.15	84.64	37.25	92.48	24
JMa	91.37	-1.27	125.03	125.03	91
GMa	63.07	-114.28	25.35	117.06	167
G50B _{Ma}	59.47	-80.6	-33.45	87.28	203
B _{Ma}	49.01	3.65	-81.19	81.28	273
B50R _{Ma}	44.06	106.09	-73.93	129.32	325
N _{Ma}	10.99	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
RCIE	39.92	58.69	27.98	65.01	25
JCIE	81.26	-2.9	71.56	71.62	92
GCIE	52.23	-42.45	13.59	44.59	162
BCIE	30.57	1.35	-46.48	46.51	272

%Regularität

$g^*_{H,rel} = 46$

$g^*_{C,rel} = 65$

relative Inform. Technology (IT)
olvi3* 0.5 0.5 0.5 (1.0)
cmyn3* 0.5 0.5 0.5 (0.0)
olvi4* 0.5 0.5 0.5 (1.0)
cmyn4* 0.5 0.5 0.5 (0.0)
LAB*Lab 72.29 1.2 -40.21
LAB*Lab 72.29 1.2 -40.21
LAB*Lab 72.29 1.2 -40.21

relative CIELAB lab*
lab*lab 0.726 0.014 -0.499
lab*ch 0.75 0.5 0.755
lab*nch 0.0 0.5 0.755
relative Natural Colour (NC)
lab*tr 0.726 0.0 -0.499
lab*ce 0.75 0.5 0.755
lab*nce 0.0 0.5 0.755

relative Inform. Technology (IT)
olvi3* 0.25 0.25 0.25 (0.0)
cmyn3* 0.75 0.75 0.75 (1.0)
olvi4* 0.5 0.5 0.5 (1.0)
cmyn4* 0.5 0.5 0.5 (0.0)
LAB*Lab 51.19 1.17 -40.21
LAB*Lab 51.19 1.17 -40.21
LAB*Lab 51.19 1.17 -40.21

relative CIELAB lab*
lab*lab 0.589 0.022 -0.749
lab*ch 0.625 0.75 0.755
lab*nch 0.0 0.75 0.755
relative Natural Colour (NC)
lab*tr 0.589 0.0 -0.749
lab*ce 0.625 0.75 0.755
lab*nce 0.0 0.75 0.755

relative Inform. Technology (IT)
olvi3* 0.0 0.0 0.0 (0.0)
cmyn3* 0.75 0.75 0.75 (1.0)
olvi4* 0.5 0.5 0.5 (1.0)
cmyn4* 0.5 0.5 0.5 (0.0)
LAB*Lab 30.57 1.75 -60.32
LAB*Lab 30.57 1.75 -60.32
LAB*Lab 30.57 1.75 -60.32

relative CIELAB lab*
lab*lab 0.389 0.022 -0.749
lab*ch 0.452 0.029 -0.998
lab*nch 0.0 0.25 0.755
relative Natural Colour (NC)
lab*tr 0.389 0.0 -0.749
lab*ce 0.452 0.029 -0.998
lab*nce 0.0 0.25 0.755

relative Inform. Technology (IT)
olvi3* 0.0 0.0 0.0 (0.0)
cmyn3* 0.5 0.5 0.5 (0.0)
olvi4* 0.5 0.5 0.5 (1.0)
cmyn4* 0.5 0.5 0.5 (0.0)
LAB*Lab 11.01 0.07 0.01
LAB*Lab 11.01 0.07 0.01
LAB*Lab 11.01 0.07 0.01

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

relative Inform. Technology (IT)
olvi3* 0.0 0.0 0.0 (0.0)
cmyn3* 0.25 0.25 0.25 (0.0)
olvi4* 0.5 0.5 0.5 (1.0)
cmyn4* 0.5 0.5 0.5 (0.0)
LAB*Lab 3.09 0.18 0.0
LAB*Lab 3.09 0.18 0.0
LAB*Lab 3.09 0.18 0.0

relative CIELAB lab*
lab*lab 0.339 0.022 -0.749
lab*ch 0.375 0.75 0.755
lab*nch 0.0 0.75 0.755
relative Natural Colour (NC)
lab*tr 0.339 0.0 -0.749
lab*ce 0.375 0.75 0.755
lab*nce 0.0 0.75 0.755

relative Inform. Technology (IT)
olvi3* 0.0 0.0 0.0 (0.0)
cmyn3* 0.0 0.0 0.0 (0.0)
olvi4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
LAB*Lab 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 0.0 0.0 0.0
relative Natural Colour (NC)
lab*tr 0.0 0.0 0.0
lab*ce 0.0 0.0 0.0
lab*nce 0.0 0.0 0.0

relative Inform. Technology (IT)
olvi3* 0.0 0.0 0.0 (0.0)
cmyn3* 0.0 0.0 0.0 (0.0)
olvi4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
LAB*Lab 0.0 0.0 0.0

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

relative Inform. Technology (IT)
olvi3* 0.0 0.0 0.0 (0.0)
cmyn3* 0.0 0.0 0.0 (0.0)
olvi4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
LAB*Lab 0.0 0.0 0.0

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

relative Inform. Technology (IT)
olvi3* 0.0 0.0 0.0 (0.0)
cmyn3* 0.0 0.0 0.0 (0.0)
olvi4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
LAB*Lab 0.0 0.0 0.0

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

Ausgabe: Farbmetrisches Reflexions-System NCS11

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

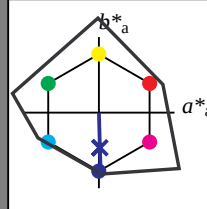
lab^*ch und lab^*nch

D65: Buntton B

LCH*Ma: 49 80 272

rgb*Ma: 0.0 0.02 1.0

Dreiecks-Helligkeit t^*



%Umfang

$u^*_{rel} = 149$

relative Inform. Technology (IT)
olvi3* 1.0 1.0 1.0 (1.0)
cmyn3* 0.0 0.0 0.0 (0.0)
olvi4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
LAB*Lab 95.41 0.0 -0.01
LAB*Lab 95.41 0.0 0.0
LAB*Lab 95.41 0.0 0.0

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

relative Inform. Technology (IT)
olvi3* 0.75 0.75 0.75 (1.0)
cmyn3* 0.25 0.25 0.25 (0.0)
olvi4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
LAB*Lab 74.31 0.02 0.0
LAB*Lab 74.31 0.02 0.0
LAB*Lab 74.31 0.02 0.0

relative CIELAB lab*
lab*lab 0.863 0.007 -0.249
lab*ch 0.875 0.25 0.755
lab*nch 0.0 0.25 0.755
relative Natural Colour (NC)
lab*tr 0.863 0.0 -0.249
lab*ce 0.875 0.25 0.755
lab*nce 0.0 0.25 0.755

relative Inform. Technology (IT)
olvi3* 0.5 0.5 0.5 (0.0)
cmyn3* 0.5 0.5 0.5 (0.0)
olvi4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
LAB*Lab 53.21 0.04 0.0
LAB*Lab 53.21 0.04 0.0
LAB*Lab 53.21 0.04 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)
olvi3* 0.25 0.25 0.25 (0.0)
cmyn3* 0.75 0.75 0.75 (1.0)
olvi4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
LAB*Lab 32.11 0.08 0.0
LAB*Lab 32.11 0.08 0.0
LAB*Lab 32.11 0.08 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)
olvi3* 0.0 0.0 0.0 (0.0)
cmyn3* 0.75 0.75 0.75 (1.0)
olvi4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
LAB*Lab 11.01 0.07 0.01
LAB*Lab 11.01 0.07 0.01
LAB*Lab 11.01 0.07 0.01

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

relative Inform. Technology (IT)
olvi3* 0.0 0.0 0.0 (0.0)
cmyn3* 0.5 0.5 0.5 (0.0)
olvi4* 0.5 0.5 0.5 (1.0)
cmyn4* 0.5 0.5 0.5 (0.0)
LAB*Lab 3.09 0.18 0.0
LAB*Lab 3.09 0.18 0.0
LAB*Lab 3.09 0.18 0.0

relative CIELAB lab*
lab*lab 0.339 0.022 -0.749
lab*ch 0.375 0.75 0.755
lab*nch 0.0 0.75 0.755
relative Natural Colour (NC)
lab*tr 0.339 0.0 -0.749
lab*ce 0.375 0.75 0.755
lab*nce 0.0 0.75 0.755

relative Inform. Technology (IT)
olvi3* 0.0 0.0 0.0 (0.0)
cmyn3* 0.25 0.25 0.25 (0.0)
olvi4* 0.5 0.5 0.5 (1.0)
cmyn4* 0.5 0.5 0.5 (0.0)
LAB*Lab 11.01 0.07 0.01
LAB*Lab 11.01 0.07 0.01
LAB*Lab 11.01 0.07 0.01

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

relative Inform. Technology (IT)
olvi3* 0.0 0.0 0.0 (0.0)
cmyn3* 0.0 0.0 0.0 (0.0)
olvi4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
LAB*Lab 0.0 0.0 0.0

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

relative Inform. Technology (IT)
olvi3* 0.0 0.0 0.0 (0.0)
cmyn3* 0.0 0.0 0.0 (0.0)
olvi4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
LAB*Lab 0.0 0.0 0.0

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

relative Inform. Technology (IT)
olvi3* 0.0 0.0 0.0 (0.0)
cmyn3* 0.0 0.0 0.0 (0.0)
olvi4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
LAB*Lab 0.0 0.0 0.0

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

NCS11; adaptierte CIELAB-Daten

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	h^*_{ab}
RMa	47.15	84.64	37.25	92.48	24
JMa	91.37	-1.27	125.03	125.03	91
GMa	63.07	-114.28	25.35	117.06	167
G50B _{Ma}	59.47	-80.6	-33.45	87.28	203
B _{Ma}	49.01	3.65	-81.19	81.28	273
B50R _{Ma}	44.06	106.09	-73.93	129.32	325
N _{Ma}	10.99	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
RCIE	39.92	58.69	27.98	65.01	25
JCIE	81.26	-2.9	71.56	71.62	92
GCIE	52.23	-42.45	13.59	44.59	162
BCIE	30.57	1.35	-46.48	46.51	272