

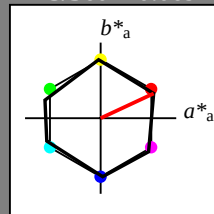
Eingabe: Farbmétrisches Natürliches-Reflektiv-System CNS18

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

lab^*ch und lab^*nch

D65: Buntton R
LCH*Ma: 57 77 25
olv*Ma: 1.0 0.0 0.0

Dreiecks-Helligkeit t^*



%Umfang

$u^*_{rel} = 100$

%Regularität

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

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

CNS18; adaptierte CIELAB-Daten

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

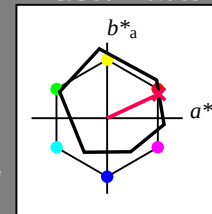
Ausgabe: Farbmétrisches Offset-Reflektiv-System ORS18

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

lab^*ch und lab^*nch

D65: Buntton O
LCH*Ma: 48 76 25
olv*Ma: 1.0 0.0 0.32

Dreiecks-Helligkeit t^*



%Umfang

$u^*_{rel} = 93$

%Regularität

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

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

ORS18; adaptierte CIELAB-Daten

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
OMa	47.94	65.39	50.52	82.63	38
YMa	90.37	-10.26	91.75	92.32	96
LMa	50.9	-62.83	34.96	71.91	151
CMa	58.62	-30.34	-45.01	54.3	236
VMa	25.72	31.1	-44.4	54.22	305
MMa	48.13	75.28	-8.36	75.74	354
NMa	18.01	0.0	0.0	0.0	0
WMa	95.41	0.0	0.0	0.0	0
RCIE	39.92	58.66	26.98	64.57	25
JCIE	81.26	-2.16	67.76	67.79	92
GCIE	52.23	-42.25	11.76	43.87	164
BCIE	30.57	1.15	-46.84	46.86	271

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 -0.98 4.75
LAB*LABa 95.41 0.0 0.0
LAB*TCa 99.99 0.01 -

relative CIELAB lab*
lab*lab 1.0 0.0 0.0
lab*tch 1.0 0.0 -
lab*nch 0.0 0.0 -

relative Natural Colour (NC)
lab*lrj 1.0 0.0 0.0
lab*tce 1.0 0.0 -
lab*nce 0.0 0.0 -

relative Inform. Technology (IT)
olvi3* 0.5 0.5 0.5 (1.0)
cmyn3* 0.5 0.5 0.5 (0.0)
olvi4* 1.0 1.0 1.0 0.5
cmyn4* 0.0 0.0 0.0 0.5

standard and adapted CIELAB
LAB*LAB 56.71 -0.24 2.14
LAB*LABa 56.71 0.0 0.0
LAB*TCa 50.0 0.01 -

relative CIELAB lab*
lab*lab 0.5 0.0 0.0
lab*tch 0.5 0.0 -
lab*nch 0.5 0.0 -

relative Natural Colour (NC)
lab*lrj 0.5 0.0 0.0
lab*tce 0.5 0.0 -
lab*nce 0.5 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 0.0
cmyn4* 0.0 0.0 0.0 1.0

standard and adapted CIELAB
LAB*LAB 18.02 0.5 -0.47
LAB*LABa 18.02 0.0 0.0
LAB*TCa 0.01 0.01 -

relative CIELAB lab*
lab*lab 0.0 0.0 0.0
lab*tch 0.0 0.0 -
lab*nch 1.0 0.0 -

relative Natural Colour (NC)
lab*lrj 0.0 0.0 0.0
lab*tce 0.0 0.0 -
lab*nce 1.0 0.0 -

relative Inform. Technology (IT)
olvi3* 1.0 0.5 0.658 (1.0)
cmyn3* 0.0 0.5 0.342 (0.0)
olvi4* 1.0 0.5 0.658 1.0
cmyn4* 0.0 0.5 0.342 0.0

standard and adapted CIELAB
LAB*LAB 71.7 33.71 19.13
LAB*LABa 71.7 34.25 15.97
LAB*TCa 75.0 37.79 25.0

relative CIELAB lab*
lab*lab 0.694 0.453 0.211
lab*tch 0.75 0.5 0.069
lab*nch 0.0 0.5 0.069

relative Natural Colour (NC)
lab*lrj 0.694 0.5 0.003
lab*tce 0.75 0.5 0.001
lab*nce 0.0 0.5 r00j

relative Inform. Technology (IT)
olvi3* 0.5 0.0 0.158 (1.0)
cmyn3* 0.5 1.0 0.842 (0.0)
olvi4* 1.0 0.5 0.658 0.5
cmyn4* 0.0 0.5 0.342 0.5

standard and adapted CIELAB
LAB*LAB 33.01 34.46 16.52
LAB*LABa 33.01 34.25 15.97
LAB*TCa 25.01 37.79 25.01

relative CIELAB lab*
lab*lab 0.194 0.453 0.211
lab*tch 0.25 0.5 0.069
lab*nch 0.5 0.5 0.069

relative Natural Colour (NC)
lab*lrj 0.194 0.5 0.004
lab*tce 0.25 0.5 0.001
lab*nce 0.5 0.5 r00j

relative Inform. Technology (IT)
olvi3* 1.0 0.0 0.315 (1.0)
cmyn3* 0.0 1.0 0.685 (0.0)
olvi4* 1.0 0.0 0.316 1.0
cmyn4* 0.0 1.0 0.684 0.0

standard and adapted CIELAB
LAB*LAB 48.0 68.42 33.5
LAB*LABa 48.0 68.49 31.94
LAB*TCa 50.0 75.57 25.0

relative CIELAB lab*
lab*lab 0.387 0.906 0.423
lab*tch 0.5 1.0 0.069
lab*nch 0.0 1.0 0.069

relative Natural Colour (NC)
lab*lrj 0.387 1.0 0.007
lab*tce 0.5 1.0 0.001
lab*nce 0.0 1.0 r00j

Siehe ähnliche Dateien: <http://www.ps.bam.de/VG40/>
Technische Information: <http://www.ps.bam.de> Version 2.1, io=1,1

BAM-Registrierung: 20060101-VG40/10L/L40G00NP.PS/.PDF BAM-Material: Code=rha4ta
Anwendung für Beurteilung und Messung von Drucker- oder Monitorssystemen
/VG40/ Form: 1/10, Serie: 1/1, Seite: 1
Satzanzahlung 1

VG400-7, 3 stufige Reihen für konstanten CIELAB Buntton 25/360 = 0.069 (links)

3 stufige Reihen für konstanten CIELAB Buntton 25/360 = 0.069 (rechts)

BAM-Prüfvorlage VG40; Farbmétrik-Systeme CNS18 & ORS18input: olv* setrgbcolor

D65: 3stufige Farbreihen und Koordinatendaten für 10 Bunttöne output: no change compared to input

Eingabe: Farbmétrisches Natürliches-Reflektiv-System CNS18

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

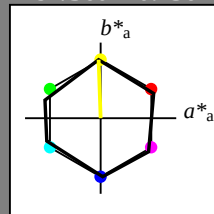
lab^*tch und lab^*nch

D65: Buntton J

LCH*Ma: 57 77 92

olv*Ma: 1.0 1.0 0.0

Dreiecks-Helligkeit t^*



%Umfang

$u^*_{rel} = 100$

%Regularität

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

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

CNS18; adaptierte CIELAB-Daten

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

Ausgabe: Farbmétrisches Offset-Reflektiv-System ORS18

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

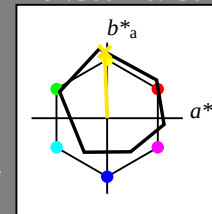
lab^*tch und lab^*nch

D65: Buntton Y

LCH*Ma: 86 88 92

olv*Ma: 1.0 0.9 0.0

Dreiecks-Helligkeit t^*



%Umfang

$u^*_{rel} = 93$

%Regularität

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

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

ORS18; adaptierte CIELAB-Daten

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
OMa	47.94	65.39	50.52	82.63	38
YMa	90.37	-10.26	91.75	92.32	96
LMa	50.9	-62.83	34.96	71.91	151
CMa	58.62	-30.34	-45.01	54.3	236
VMa	25.72	31.1	-44.4	54.22	305
MMa	48.13	75.28	-8.36	75.74	354
NMa	18.01	0.0	0.0	0.0	0
WMa	95.41	0.0	0.0	0.0	0
RCIE	39.92	58.66	26.98	64.57	25
JCIE	81.26	-2.16	67.76	67.79	92
GCIE	52.23	-42.25	11.76	43.87	164
BCIE	30.57	1.15	-46.84	46.86	271

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 -0.98 4.75
LAB*LABa 95.41 0.0 0.0
LAB*TCa 99.99 0.01 -

relative CIELAB lab*
lab*lab 1.0 0.0 0.0
lab*tch 1.0 0.0 -
lab*nch 0.0 0.0 -

relative Natural Colour (NC)
lab*lrj 1.0 0.0 0.0
lab*tce 1.0 0.0 -
lab*nce 0.0 0.0 -

relative Inform. Technology (IT)
olvi3* 0.5 0.5 0.5 (1.0)
cmyn3* 0.5 0.5 0.5 (0.0)
olvi4* 1.0 1.0 1.0 0.5
cmyn4* 0.0 0.0 0.0 0.5

standard and adapted CIELAB
LAB*LAB 56.71 -0.24 2.14
LAB*LABa 56.71 0.0 0.0
LAB*TCa 50.0 0.01 -

relative CIELAB lab*
lab*lab 0.5 0.0 0.0
lab*tch 0.5 0.0 -
lab*nch 0.5 0.0 -

relative Natural Colour (NC)
lab*lrj 0.5 0.0 0.0
lab*tce 0.5 0.0 -
lab*nce 0.5 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 0.0
cmyn4* 0.0 0.0 0.0 1.0

standard and adapted CIELAB
LAB*LAB 18.02 0.5 -0.47
LAB*LABa 18.02 0.0 0.0
LAB*TCa 0.01 0.01 -

relative CIELAB lab*
lab*lab 0.0 0.0 0.0
lab*tch 0.0 0.0 -
lab*nch 1.0 0.0 -

relative Natural Colour (NC)
lab*lrj 0.0 0.0 0.0
lab*tce 0.0 0.0 -
lab*nce 1.0 0.0 -

relative Inform. Technology (IT)
olvi3* 1.0 0.952 0.5 (1.0)
cmyn3* 0.0 0.048 0.5 (0.0)
olvi4* 1.0 0.953 0.5 1.0
cmyn4* 0.0 0.047 0.5 0.0

standard and adapted CIELAB
LAB*LAB 90.87 -2.43 48.36
LAB*LABa 90.87 -1.53 43.91
LAB*TCa 75.0 43.94 92.01

relative CIELAB lab*
lab*lab 0.941 -0.017 0.5
lab*tch 0.75 0.5 0.256
lab*nch 0.0 0.5 0.256

relative Natural Colour (NC)
lab*lrj 0.941 -0.001 0.5
lab*tce 0.75 0.5 0.251
lab*nce 0.0 0.5 0.00g

relative Inform. Technology (IT)
olvi3* 0.5 0.452 0.0 (1.0)
cmyn3* 0.5 0.548 1.0 (0.0)
olvi4* 1.0 0.952 0.5 0.5
cmyn4* 0.0 0.048 0.5 0.5

standard and adapted CIELAB
LAB*LAB 52.17 -1.68 45.74
LAB*LABa 52.17 -1.52 43.9
LAB*TCa 25.01 43.93 92.0

relative CIELAB lab*
lab*lab 0.441 -0.016 0.5
lab*tch 0.25 0.5 0.256
lab*nch 0.5 0.5 0.256

relative Natural Colour (NC)
lab*lrj 0.441 -0.001 0.5
lab*tce 0.25 0.5 0.251
lab*nce 0.5 0.5 0.00g

relative Inform. Technology (IT)
olvi3* 1.0 0.905 0.0 (1.0)
cmyn3* 0.0 0.095 1.0 (0.0)
olvi4* 1.0 0.905 0.0 1.0
cmyn4* 0.0 0.095 1.0 0.0

standard and adapted CIELAB
LAB*LAB 86.33 -3.88 91.96
LAB*LABa 86.33 -3.06 87.81
LAB*TCa 50.0 87.87 92.0

relative CIELAB lab*
lab*lab 0.883 -0.034 0.999
lab*tch 0.5 1.0 0.256
lab*nch 0.0 1.0 0.256

relative Natural Colour (NC)
lab*lrj 0.883 -0.003 1.0
lab*tce 0.5 1.0 0.251
lab*nce 0.0 1.0 0.00g

Siehe ähnliche Dateien: <http://www.ps.bam.de/VG40/>
Technische Information: <http://www.ps.bam.de> Version 2.1, io=1,1

BAM-Registrierung: 20060101-VG40/10L/L40G01NP.PS/.PDF BAM-Material: Code=rha4ta
Anwendung für Beurteilung und Messung von Drucker- oder Monitorssystemen
/VG40/ Form: 2/10, Serie: 1/1, Seite: 2
Satzanzahlung 1

VG400-7, 3 stufige Reihen für konstanten CIELAB Buntton 92/360 = 0.256 (links)

3 stufige Reihen für konstanten CIELAB Buntton 92/360 = 0.256 (rechts)

BAM-Prüfvorlage VG40; Farbmétrik-Systeme CNS18 & ORS18input: olv* setrgbcolor

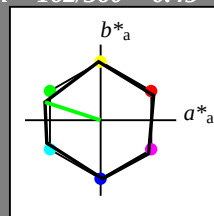
D65: 3stufige Farbreihen und Koordinatendaten für 10 Bunttöne output: no change compared to input

Eingabe: Farbmétrisches Natürliches-Reflektiv-System CNS18

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

D65: Buntton G
LCH*Ma: 57 77 162
olv*Ma: 0.0 1.0 0.0

Dreiecks-Helligkeit t^*



%Umfang
 $u^*_{rel} = 100$
%Regularität
 $g^*_{H,rel} = 59$
 $g^*_{C,rel} = 100$

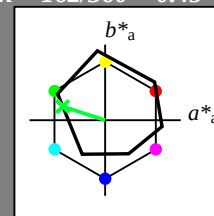
CNS18; adaptierte CIELAB-Daten					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
RMa	56.7	70.15	32.71	77.4	25
JMa	56.7	-2.69	77.35	77.4	92
GMa	56.7	-73.6	23.92	77.4	162
G50BMa	56.7	-71.24	-30.23	77.4	203
BMa	56.7	2.7	-77.34	77.4	272
B50RMa	56.7	63.4	-44.38	77.4	325
NMa	18.01	0.0	0.0	0.0	0
WMa	95.41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

Ausgabe: Farbmétrisches Offset-Reflektiv-System ORS18

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

D65: Buntton L
LCH*Ma: 53 59 162
olv*Ma: 0.0 1.0 0.21

Dreiecks-Helligkeit t^*



%Umfang
 $u^*_{rel} = 93$
%Regularität
 $g^*_{H,rel} = 57$
 $g^*_{C,rel} = 59$

ORS18; adaptierte CIELAB-Daten					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
OMa	47.94	65.39	50.52	82.63	38
YMa	90.37	-10.26	91.75	92.32	96
LMa	50.9	-62.83	34.96	71.91	151
CMa	58.62	-30.34	-45.01	54.3	236
VMa	25.72	31.1	-44.4	54.22	305
MMa	48.13	75.28	-8.36	75.74	354
NMa	18.01	0.0	0.0	0.0	0
WMa	95.41	0.0	0.0	0.0	0
RCIE	39.92	58.66	26.98	64.57	25
JCIE	81.26	-2.16	67.76	67.79	92
GCIE	52.23	-42.25	11.76	43.87	164
BCIE	30.57	1.15	-46.84	46.86	271

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	-0.98	4.75		
LAB*LABa	95.41	0.0	0.0		
LAB*TCa	99.99	0.01	-		
relative CIELAB lab*					
lab*lab	1.0	0.0	0.0		
lab*tch	1.0	0.0	-		
lab*nch	0.0	0.0	-		
relative Natural Colour (NC)					
lab*lrj	1.0	0.0	0.0		
lab*tce	1.0	0.0	-		
lab*nce	0.0	0.0	-		

relative Inform. Technology (IT)					
olvi3*	0.5	1.0	0.605	(1.0)	
cmyn3*	0.5	0.0	0.395	(0.0)	
olvi4*	0.5	1.0	0.605	1.0	
cmyn4*	0.5	0.0	0.395	0.0	
standard and adapted CIELAB					
LAB*LAB	73.96	-28.58	12.41		
LAB*LABa	73.96	-28.0	9.1		
LAB*TCa	75.0	29.45	162.0		
relative CIELAB lab*					
lab*lab	0.723	-0.474	0.154		
lab*tch	0.75	0.5	0.45		
lab*nch	0.0	0.5	0.45		
relative Natural Colour (NC)					
lab*lrj	0.723	-0.498	0.026		
lab*tce	0.75	0.5	0.492		
lab*nce	0.0	0.5	0.96g		

relative Inform. Technology (IT)					
olvi3*	0.0	1.0	0.209	(1.0)	
cmyn3*	1.0	0.0	0.791	(0.0)	
olvi4*	0.0	1.0	0.21	1.0	
cmyn4*	1.0	0.0	0.79	0.0	
standard and adapted CIELAB					
LAB*LAB	52.52	-56.18	20.07		
LAB*LABa	52.52	-56.01	18.21		
LAB*TCa	50.0	58.91	162.0		
relative CIELAB lab*					
lab*lab	0.446	-0.95	0.309		
lab*tch	0.5	1.0	0.45		
lab*nch	0.0	1.0	0.45		
relative Natural Colour (NC)					
lab*lrj	0.446	-0.997	0.053		
lab*tce	0.5	1.0	0.492		
lab*nce	0.0	1.0	0.96g		

relative Inform. Technology (IT)					
olvi3*	0.5	0.5	0.5	(1.0)	
cmyn3*	0.5	0.5	0.5	(0.0)	
olvi4*	1.0	1.0	1.0	0.5	
cmyn4*	0.0	0.0	0.0	0.5	
standard and adapted CIELAB					
LAB*LAB	56.71	-0.24	2.14		
LAB*LABa	56.71	0.0	0.0		
LAB*TCa	50.0	0.01	-		
relative CIELAB lab*					
lab*lab	0.5	0.0	0.0		
lab*tch	0.5	0.0	-		
lab*nch	0.5	0.0	-		
relative Natural Colour (NC)					
lab*lrj	0.5	0.0	0.0		
lab*tce	0.5	0.0	-		
lab*nce	0.5	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	0.0	
cmyn4*	0.0	0.0	0.0	1.0	
standard and adapted CIELAB					
LAB*LAB	18.02	0.5	-0.47		
LAB*LABa	18.02	0.0	0.0		
LAB*TCa	0.01	0.01	-		
relative CIELAB lab*					
lab*lab	0.0	0.0	0.0		
lab*tch	0.0	0.0	-		
lab*nch	1.0	0.0	-		
relative Natural Colour (NC)					
lab*lrj	0.0	0.0	0.0		
lab*tce	0.0	0.0	-		
lab*nce	1.0	0.0	-		

relative Inform. Technology (IT)					
olvi3*	0.0	0.5	0.105	(1.0)	
cmyn3*	1.0	0.5	0.895	(0.0)	
olvi4*	0.5	1.0	0.605	0.5	
cmyn4*	0.5	0.0	0.395	0.5	
standard and adapted CIELAB					
LAB*LAB	35.27	-27.84	9.8		
LAB*LABa	35.27	-28.0	9.11		
LAB*TCa	25.01	29.46	161.99		
relative CIELAB lab*					
lab*lab	0.223	-0.474	0.155		
lab*tch	0.25	0.5	0.45		
lab*nch	0.5	0.5	0.45		
relative Natural Colour (NC)					
lab*lrj	0.223	-0.498	0.027		
lab*tce	0.25	0.5	0.492		
lab*nce	0.5	0.5	0.96g		

relative Inform. Technology (IT)					
olvi3*	0.0	1.0	0.209	(1.0)	
cmyn3*	1.0	0.0	0.791	(0.0)	
olvi4*	0.0	1.0	0.21	1.0	
cmyn4*	1.0	0.0	0.79	0.0	
standard and adapted CIELAB					
LAB*LAB	52.52	-56.18	20.07		
LAB*LABa	52.52	-56.01	18.21		
LAB*TCa	50.0	58.91	162.0		
relative CIELAB lab*					
lab*lab	0.446	-0.95	0.309		
lab*tch	0.5	1.0	0.45		
lab*nch	0.0	1.0	0.45		
relative Natural Colour (NC)					
lab*lrj	0.446	-0.997	0.053		
lab*tce	0.5	1.0	0.492		
lab*nce	0.0	1.0	0.96g		

Schwarzheit n^*

relative Buntheit c^*

Schwarzheit n^*

relative Buntheit c^*

VG400-7, 3 stufige Reihen für konstanten CIELAB Buntton 162/360 = 0.45 (links)

3 stufige Reihen für konstanten CIELAB Buntton 162/360 = 0.45 (rechts)

BAM-Prüfvorlage VG40; Farbmétrik-Systeme CNS18 & ORS18input: olv* setrgbcolor

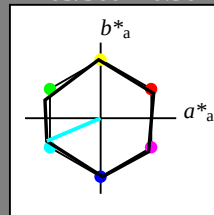
D65: 3stufige Farbreihen und Koordinatendaten für 10 Bunttöne output: no change compared to input

Eingabe: Farbmétrisches Natürliches-Reflektiv-System CNS18

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

D65: Buntton G50B
LCH*Ma: 57 77 203
olv*Ma: 0.0 1.0 1.0

Dreiecks-Helligkeit t^*



%Umfang

$u^*_{rel} = 100$

%Regularität

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

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

CNS18; adaptierte CIELAB-Daten

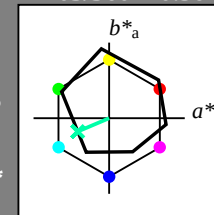
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
RMa	56.7	70.15	32.71	77.4	25
JMa	56.7	-2.69	77.35	77.4	92
GMa	56.7	-73.6	23.92	77.4	162
G50BMa	56.7	-71.24	-30.23	77.4	203
BMa	56.7	2.7	-77.34	77.4	272
B50RMa	56.7	63.4	-44.38	77.4	325
NMa	18.01	0.0	0.0	0.0	0
WMa	95.41	0.0	0.0	0.0	0
RCIE	39.92	58.74	27.99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

Ausgabe: Farbmétrisches Offset-Reflektiv-System ORS18

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

D65: Buntton C
LCH*Ma: 56 45 203
olv*Ma: 0.0 1.0 0.66

Dreiecks-Helligkeit t^*



%Umfang

$u^*_{rel} = 93$

%Regularität

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

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

ORS18; adaptierte CIELAB-Daten

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
OMa	47.94	65.39	50.52	82.63	38
YMa	90.37	-10.26	91.75	92.32	96
LMa	50.9	-62.83	34.96	71.91	151
CMa	58.62	-30.34	-45.01	54.3	236
VMa	25.72	31.1	-44.4	54.22	305
MMa	48.13	75.28	-8.36	75.74	354
NMa	18.01	0.0	0.0	0.0	0
WMa	95.41	0.0	0.0	0.0	0
RCIE	39.92	58.66	26.98	64.57	25
JCIE	81.26	-2.16	67.76	67.79	92
GCIE	52.23	-42.25	11.76	43.87	164
BCIE	30.57	1.15	-46.84	46.86	271

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 -0.98 4.75
LAB*LABa 95.41 0.0 0.0
LAB*TCHa 99.99 0.01 -

relative CIELAB lab*
lab*lab 1.0 0.0 0.0
lab*tch 1.0 0.0 -
lab*nch 0.0 0.0 -

relative Natural Colour (NC)
lab*lrj 1.0 0.0 0.0
lab*tce 1.0 0.0 -
lab*nce 0.0 0.0 -

relative Inform. Technology (IT)
olvi3* 0.5 0.5 0.5 (1.0)
cmyn3* 0.5 0.5 0.5 (0.0)
olvi4* 1.0 1.0 1.0 0.5
cmyn4* 0.0 0.0 0.0 0.5

standard and adapted CIELAB
LAB*LAB 56.71 -0.24 2.14
LAB*LABa 56.71 0.0 0.0
LAB*TCHa 50.0 0.01 -

relative CIELAB lab*
lab*lab 0.5 0.0 0.0
lab*tch 0.5 0.0 -
lab*nch 0.5 0.0 -

relative Natural Colour (NC)
lab*lrj 0.5 0.0 0.0
lab*tce 0.5 0.0 -
lab*nce 0.5 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 0.0
cmyn4* 0.0 0.0 0.0 1.0

standard and adapted CIELAB
LAB*LAB 18.02 0.5 -0.47
LAB*LABa 18.02 0.0 0.0
LAB*TCHa 0.01 0.01 -

relative CIELAB lab*
lab*lab 0.0 0.0 0.0
lab*tch 0.0 0.0 -
lab*nch 1.0 0.0 -

relative Natural Colour (NC)
lab*lrj 0.0 0.0 0.0
lab*tce 0.0 0.0 -
lab*nce 1.0 0.0 -

relative Inform. Technology (IT)
olvi3* 0.5 1.0 0.829 (1.0)
cmyn3* 0.5 0.0 0.171 (0.0)
olvi4* 0.5 1.0 0.829 1.0
cmyn4* 0.5 0.0 0.171 0.0

standard and adapted CIELAB
LAB*LAB 75.69 -21.34 -5.37
LAB*LABa 75.69 -20.73 -8.8
LAB*TCHa 75.0 22.53 203.01

relative CIELAB lab*
lab*lab 0.745 -0.459 -0.194
lab*tch 0.75 0.5 0.564
lab*nch 0.0 0.5 0.564

relative Natural Colour (NC)
lab*lrj 0.745 -0.421 -0.267
lab*tce 0.75 0.5 0.59
lab*nce 0.0 0.5 g36b

relative Inform. Technology (IT)
olvi3* 0.0 0.5 0.329 (1.0)
cmyn3* 1.0 0.5 0.671 (0.0)
olvi4* 0.5 1.0 0.829 0.5
cmyn4* 0.5 0.0 0.171 0.5

standard and adapted CIELAB
LAB*LAB 37.0 -20.59 -7.98
LAB*LABa 37.0 -20.73 -8.79
LAB*TCHa 25.01 22.53 202.99

relative CIELAB lab*
lab*lab 0.245 -0.459 -0.194
lab*tch 0.25 0.5 0.564
lab*nch 0.5 0.5 0.564

relative Natural Colour (NC)
lab*lrj 0.245 -0.421 -0.267
lab*tce 0.25 0.5 0.59
lab*nce 0.5 0.5 g36b

relative Inform. Technology (IT)
olvi3* 0.0 1.0 0.657 (1.0)
cmyn3* 1.0 0.0 0.343 (0.0)
olvi4* 0.0 1.0 0.657 1.0
cmyn4* 1.0 0.0 0.343 0.0

standard and adapted CIELAB
LAB*LAB 55.97 -41.7 -15.5
LAB*LABa 55.97 -41.46 -17.6
LAB*TCHa 50.0 45.06 203.0

relative CIELAB lab*
lab*lab 0.49 -0.919 -0.39
lab*tch 0.5 1.0 0.564
lab*nch 0.0 1.0 0.564

relative Natural Colour (NC)
lab*lrj 0.49 -0.843 -0.535
lab*tce 0.5 1.0 0.59
lab*nce 0.0 1.0 g36b

Siehe ähnliche Dateien: <http://www.ps.bam.de/VG40/>
Technische Information: <http://www.ps.bam.de> Version 2.1, io=1,1

BAM-Registrierung: 20060101-VG40/10L/L40G03NP.PS/.PDF BAM-Material: Code=rha4ta
Anwendung für Beurteilung und Messung von Drucker- oder Monitorssystemen
/VG40/ Form: 4/10, Serie: 1/1, Seite: 4
Satzzeichnung 1

VG400-7, 3 stufige Reihen für konstanten CIELAB Buntton 203/360 = 0.564 (links)

3 stufige Reihen für konstanten CIELAB Buntton 203/360 = 0.564 (rechts)

BAM-Prüfvorlage VG40; Farbmétrik-Systeme CNS18 & ORS18input: olv* setrgbcolor

D65: 3stufige Farbreihen und Koordinatendaten für 10 Bunttöne output: no change compared to input

Eingabe: Farbmétrisches Natürliches-Reflektiv-System CNS18

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

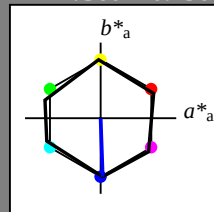
lab^*ch und lab^*nch

D65: Buntton B

LCH*Ma: 57 77 272

olv*Ma: 0.0 0.0 1.0

Dreiecks-Helligkeit t^*



%Umfang

$u^*_{rel} = 100$

%Regularität

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

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

CNS18; adaptierte CIELAB-Daten

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

Ausgabe: Farbmétrisches Offset-Reflektiv-System ORS18

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

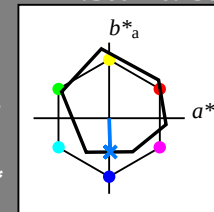
lab^*ch und lab^*nch

D65: Buntton V

LCH*Ma: 42 45 272

olv*Ma: 0.0 0.48 1.0

Dreiecks-Helligkeit t^*



%Umfang

$u^*_{rel} = 93$

%Regularität

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

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

ORS18; adaptierte CIELAB-Daten

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
OMa	47.94	65.39	50.52	82.63	38
YMa	90.37	-10.26	91.75	92.32	96
LMa	50.9	-62.83	34.96	71.91	151
CMa	58.62	-30.34	-45.01	54.3	236
VMa	25.72	31.1	-44.4	54.22	305
MMa	48.13	75.28	-8.36	75.74	354
NMa	18.01	0.0	0.0	0.0	0
WMa	95.41	0.0	0.0	0.0	0
RCIE	39.92	58.66	26.98	64.57	25
JCIE	81.26	-2.16	67.76	67.79	92
GCIE	52.23	-42.25	11.76	43.87	164
BCIE	30.57	1.15	-46.84	46.86	271

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 -0.98 4.75
LAB*LABa 95.41 0.0 0.0
LAB*TCa 99.99 0.01 -

relative CIELAB lab*
lab*lab 1.0 0.0 0.0
lab*tch 1.0 0.0 -
lab*nch 0.0 0.0 -

relative Natural Colour (NC)
lab*lrj 1.0 0.0 0.0
lab*tce 1.0 0.0 -
lab*nce 0.0 0.0 -

relative Inform. Technology (IT)
olvi3* 0.5 0.5 0.5 (1.0)
cmyn3* 0.5 0.5 0.5 (0.0)
olvi4* 1.0 1.0 1.0 0.5
cmyn4* 0.0 0.0 0.0 0.5

standard and adapted CIELAB
LAB*LAB 56.71 -0.24 2.14
LAB*LABa 56.71 0.0 0.0
LAB*TCa 50.0 0.01 -

relative CIELAB lab*
lab*lab 0.5 0.0 0.0
lab*tch 0.5 0.0 -
lab*nch 0.5 0.0 -

relative Natural Colour (NC)
lab*lrj 0.5 0.0 0.0
lab*tce 0.5 0.0 -
lab*nce 0.5 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 0.0
cmyn4* 0.0 0.0 0.0 1.0

standard and adapted CIELAB
LAB*LAB 18.02 0.5 -0.47
LAB*LABa 18.02 0.0 0.0
LAB*TCa 0.01 0.01 -

relative CIELAB lab*
lab*lab 0.0 0.0 0.0
lab*tch 0.0 0.0 -
lab*nch 1.0 0.0 -

relative Natural Colour (NC)
lab*lrj 0.0 0.0 0.0
lab*tce 0.0 0.0 -
lab*nce 1.0 0.0 -

relative Inform. Technology (IT)
olvi3* 0.5 0.74 1.0 (1.0)
cmyn3* 0.5 0.26 0.0 (0.0)
olvi4* 0.5 0.74 1.0 1.0
cmyn4* 0.5 0.26 0.0 0.0

standard and adapted CIELAB
LAB*LAB 68.47 0.31 -19.4
LAB*LABa 68.47 0.78 -22.34
LAB*TCa 75.0 22.36 271.99

relative CIELAB lab*
lab*lab 0.652 0.017 -0.499
lab*tch 0.75 0.5 0.756
lab*nch 0.0 0.5 0.756

relative Natural Colour (NC)
lab*lrj 0.652 0.004 -0.499
lab*tce 0.75 0.5 0.751
lab*nce 0.0 0.5 0.600r

relative Inform. Technology (IT)
olvi3* 0.0 0.24 0.5 (1.0)
cmyn3* 1.0 0.76 0.5 (0.0)
olvi4* 0.5 0.74 1.0 0.5
cmyn4* 0.5 0.26 0.0 0.5

standard and adapted CIELAB
LAB*LAB 29.78 1.06 -22.01
LAB*LABa 29.78 0.78 -22.34
LAB*TCa 25.01 22.36 272.01

relative CIELAB lab*
lab*lab 0.152 0.018 -0.499
lab*tch 0.25 0.5 0.756
lab*nch 0.5 0.5 0.756

relative Natural Colour (NC)
lab*lrj 0.152 0.004 -0.499
lab*tce 0.25 0.5 0.751
lab*nce 0.5 0.5 0.600r

relative Inform. Technology (IT)
olvi3* 0.0 0.481 1.0 (1.0)
cmyn3* 1.0 0.519 0.0 (0.0)
olvi4* 0.0 0.481 1.0 1.0
cmyn4* 1.0 0.519 0.0 0.0

standard and adapted CIELAB
LAB*LAB 41.54 1.61 -43.57
LAB*LABa 41.54 1.56 -44.69
LAB*TCa 50.0 44.72 272.0

relative CIELAB lab*
lab*lab 0.304 0.035 -0.998
lab*tch 0.5 1.0 0.756
lab*nch 0.0 1.0 0.756

relative Natural Colour (NC)
lab*lrj 0.304 0.008 -0.999
lab*tce 0.5 1.0 0.751
lab*nce 0.0 1.0 0.600r

Siehe ähnliche Dateien: <http://www.ps.bam.de/VG40/>
Technische Information: <http://www.ps.bam.de> Version 2.1, io=1,1

BAM-Registrierung: 20060101-VG40/10L/L40G04NP.PS/.PDF BAM-Material: Code=rha4ta
Anwendung für Beurteilung und Messung von Drucker- oder Monitorssystemen
/VG40/ Form: 5/10, Serie: 1/1, Seite: 5
Satzanz hlung 1

VG400-7, 3 stufige Reihen für konstanten CIELAB Buntton 272/360 = 0.756 (links)

3 stufige Reihen für konstanten CIELAB Buntton 272/360 = 0.756 (rechts)

BAM-Prüfvorlage VG40; Farbmétrik-Systeme CNS18 & ORS18input: olv* setrgbcolor

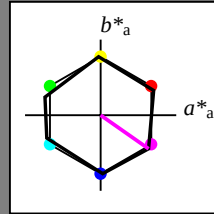
D65: 3stufige Farbreihen und Koordinatendaten für 10 Bunttöne output: no change compared to input

Eingabe: Farbmétrisches Natürliches-Reflektiv-System CNS18

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

D65: Buntton B50R
LCH*Ma: 57 77 325
olv*Ma: 1.0 0.0 1.0

Dreiecks-Helligkeit t^*



%Umfang
 $u^*_{rel} = 100$
%Regularität
 $g^*_{H,rel} = 59$
 $g^*_{C,rel} = 100$

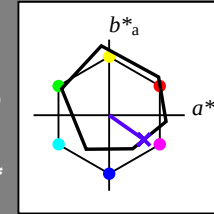
CNS18; adaptierte CIELAB-Daten					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
RMa	56.7	70.15	32.71	77.4	25
JMa	56.7	-2.69	77.35	77.4	92
GMa	56.7	-73.6	23.92	77.4	162
G50BMa	56.7	-71.24	-30.23	77.4	203
BMa	56.7	2.7	-77.34	77.4	272
B50RMa	56.7	63.4	-44.38	77.4	325
NMa	18.01	0.0	0.0	0.0	0
WMa	95.41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

Ausgabe: Farbmétrisches Offset-Reflektiv-System ORS18

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

D65: Buntton M
LCH*Ma: 33 56 325
olv*Ma: 0.34 0.0 1.0

Dreiecks-Helligkeit t^*



%Umfang
 $u^*_{rel} = 93$
%Regularität
 $g^*_{H,rel} = 57$
 $g^*_{C,rel} = 59$

ORS18; adaptierte CIELAB-Daten					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
OMa	47.94	65.39	50.52	82.63	38
YMa	90.37	-10.26	91.75	92.32	96
LMa	50.9	-62.83	34.96	71.91	151
CMa	58.62	-30.34	-45.01	54.3	236
VMa	25.72	31.1	-44.4	54.22	305
MMa	48.13	75.28	-8.36	75.74	354
NMa	18.01	0.0	0.0	0.0	0
WMa	95.41	0.0	0.0	0.0	0
RCIE	39.92	58.66	26.98	64.57	25
JCIE	81.26	-2.16	67.76	67.79	92
GCIE	52.23	-42.25	11.76	43.87	164
BCIE	30.57	1.15	-46.84	46.86	271

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	-0.98	4.75		
LAB*LABa	95.41	0.0	0.0		
LAB*TCHa	99.99	0.01	-		
relative CIELAB lab*					
lab*lab	1.0	0.0	0.0		
lab*tch	1.0	0.0	-		
lab*nch	0.0	0.0	-		
relative Natural Colour (NC)					
lab*lrj	1.0	0.0	0.0		
lab*tce	1.0	0.0	-		
lab*nce	0.0	0.0	-		

relative Inform. Technology (IT)					
olvi3*	0.669	0.5	1.0	(1.0)	
cmyn3*	0.331	0.5	0.0	(0.0)	
olvi4*	0.669	0.5	1.0	1.0	
cmyn4*	0.331	0.5	0.0	0.0	
standard and adapted CIELAB					
LAB*LAB	64.35	22.62	-13.44		
LAB*LABa	64.35	23.01	-16.1		
LAB*TCHa	75.0	28.09	325.0		
relative CIELAB lab*					
lab*lab	0.599	0.41	-0.286		
lab*tch	0.75	0.5	0.903		
lab*nch	0.0	0.5	0.903		
relative Natural Colour (NC)					
lab*lrj	0.599	0.338	-0.367		
lab*tce	0.75	0.5	0.868		
lab*nce	0.0	0.5	b47r		

relative Inform. Technology (IT)					
olvi3*	0.338	0.0	1.0	(1.0)	
cmyn3*	0.662	1.0	0.0	(0.0)	
olvi4*	0.338	0.0	1.0	1.0	
cmyn4*	0.662	1.0	0.0	0.0	
standard and adapted CIELAB					
LAB*LAB	33.3	46.22	-31.65		
LAB*LABa	33.3	46.02	-32.21		
LAB*TCHa	50.0	56.18	325.0		
relative CIELAB lab*					
lab*lab	0.198	0.819	-0.572		
lab*tch	0.5	1.0	0.903		
lab*nch	0.0	1.0	0.903		
relative Natural Colour (NC)					
lab*lrj	0.198	0.676	-0.735		
lab*tce	0.5	1.0	0.868		
lab*nce	0.0	1.0	b47r		

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	0.0	
cmyn4*	0.0	0.0	0.0	1.0	
standard and adapted CIELAB					
LAB*LAB	18.02	0.5	-0.47		
LAB*LABa	18.02	0.0	0.0		
LAB*TCHa	0.01	0.01	-		
relative CIELAB lab*					
lab*lab	0.0	0.0	0.0		
lab*tch	0.0	0.0	-		
lab*nch	1.0	0.0	-		
relative Natural Colour (NC)					
lab*lrj	0.0	0.0	0.0		
lab*tce	0.0	0.0	-		
lab*nce	1.0	0.0	-		

relative Inform. Technology (IT)					
olvi3*	0.169	0.0	0.5	(1.0)	
cmyn3*	0.831	1.0	0.5	(0.0)	
olvi4*	0.669	0.5	1.0	0.5	
cmyn4*	0.331	0.5	0.0	0.5	
standard and adapted CIELAB					
LAB*LAB	25.66	23.36	-16.06		
LAB*LABa	25.66	23.01	-16.1		
LAB*TCHa	25.01	28.09	324.99		
relative CIELAB lab*					
lab*lab	0.099	0.409	-0.286		
lab*tch	0.25	0.5	0.903		
lab*nch	0.5	0.5	0.903		
relative Natural Colour (NC)					
lab*lrj	0.099	0.338	-0.367		
lab*tce	0.25	0.5	0.868		
lab*nce	0.5	0.5	b47r		

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	0.0	
cmyn4*	0.0	0.0	0.0	1.0	
standard and adapted CIELAB					
LAB*LAB	18.02	0.5	-0.47		
LAB*LABa	18.02	0.0	0.0		
LAB*TCHa	0.01	0.01	-		
relative CIELAB lab*					
lab*lab	0.0	0.0	0.0		
lab*tch	0.0	0.0	-		
lab*nch	1.0	0.0	-		
relative Natural Colour (NC)					
lab*lrj	0.0	0.0	0.0		
lab*tce	0.0	0.0	-		
lab*nce	1.0	0.0	-		

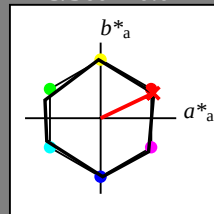
Eingabe: Farbmétrisches Natürliches-Reflektiv-System CNS18

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

lab^*tch und lab^*nch

D65: Buntton R
LCH*Ma: 57 77 25
olv*Ma: 1.0 0.01 0.0

Dreiecks-Helligkeit t^*



%Umfang

$u^*_{rel} = 100$

%Regularität

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

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

CNS18; adaptierte CIELAB-Daten

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

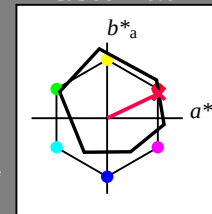
Ausgabe: Farbmétrisches Offset-Reflektiv-System ORS18

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

lab^*tch und lab^*nch

D65: Buntton R
LCH*Ma: 48 76 25
olv*Ma: 1.0 0.0 0.3

Dreiecks-Helligkeit t^*



%Umfang

$u^*_{rel} = 93$

%Regularität

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

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

ORS18; adaptierte CIELAB-Daten

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
OMa	47.94	65.39	50.52	82.63	38
YMa	90.37	-10.26	91.75	92.32	96
LMa	50.9	-62.83	34.96	71.91	151
CMa	58.62	-30.34	-45.01	54.3	236
VMa	25.72	31.1	-44.4	54.22	305
MMa	48.13	75.28	-8.36	75.74	354
NMa	18.01	0.0	0.0	0.0	0
WMa	95.41	0.0	0.0	0.0	0
RCIE	39.92	58.66	26.98	64.57	25
JCIE	81.26	-2.16	67.76	67.79	92
GCIE	52.23	-42.25	11.76	43.87	164
BCIE	30.57	1.15	-46.84	46.86	271

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 -0.98 4.75
LAB*LABa 95.41 0.0 0.0
LAB*TCHa 99.99 0.01 -

relative CIELAB lab*
lab*lab 1.0 0.0 0.0
lab*tch 1.0 0.0 -
lab*nch 0.0 0.0 -

relative Natural Colour (NC)
lab*lrj 1.0 0.0 0.0
lab*tce 1.0 0.0 -
lab*nce 0.0 0.0 -

relative Inform. Technology (IT)
olvi3* 0.5 0.5 0.5 (1.0)
cmyn3* 0.5 0.5 0.5 (0.0)
olvi4* 1.0 1.0 1.0 0.5
cmyn4* 0.0 0.0 0.0 0.5
standard and adapted CIELAB
LAB*LAB 56.71 -0.24 2.14
LAB*LABa 56.71 0.0 0.0
LAB*TCHa 50.0 0.01 -

relative CIELAB lab*
lab*lab 0.5 0.0 0.0
lab*tch 0.5 0.0 -
lab*nch 0.5 0.0 -

relative Natural Colour (NC)
lab*lrj 0.5 0.0 0.0
lab*tce 0.5 0.0 -
lab*nce 0.5 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 0.0
cmyn4* 0.0 0.0 0.0 1.0
standard and adapted CIELAB
LAB*LAB 18.02 0.5 -0.47
LAB*LABa 18.02 0.0 0.0
LAB*TCHa 0.01 0.01 -

relative CIELAB lab*
lab*lab 0.0 0.0 0.0
lab*tch 0.0 0.0 -
lab*nch 1.0 0.0 -

relative Natural Colour (NC)
lab*lrj 0.0 0.0 0.0
lab*tce 0.0 0.0 -
lab*nce 1.0 0.0 -

relative Inform. Technology (IT)
olvi3* 1.0 0.5 0.652 (1.0)
cmyn3* 0.0 0.5 0.348 (0.0)
olvi4* 1.0 0.5 0.652 1.0
cmyn4* 0.0 0.5 0.348 0.0

standard and adapted CIELAB
LAB*LAB 71.7 33.66 19.45
LAB*LABa 71.7 34.19 16.29
LAB*TCHa 75.0 37.88 25.48

relative CIELAB lab*
lab*lab 0.694 0.451 0.215
lab*tch 0.75 0.5 0.071
lab*nch 0.0 0.5 0.071

relative Natural Colour (NC)
lab*lrj 0.694 0.5 0.009
lab*tce 0.75 0.5 0.003
lab*nce 0.0 0.5 r01j

relative Inform. Technology (IT)
olvi3* 0.5 0.0 0.152 (1.0)
cmyn3* 0.5 1.0 0.848 (0.0)
olvi4* 1.0 0.5 0.652 0.5
cmyn4* 0.0 0.5 0.348 0.5
standard and adapted CIELAB
LAB*LAB 33.01 34.4 16.84
LAB*LABa 33.01 34.19 16.3
LAB*TCHa 25.01 37.88 25.48

relative CIELAB lab*
lab*lab 0.194 0.451 0.215
lab*tch 0.25 0.5 0.071
lab*nch 0.5 0.5 0.071

relative Natural Colour (NC)
lab*lrj 0.194 0.5 0.009
lab*tce 0.25 0.5 0.003
lab*nce 0.5 0.5 r01j

relative Inform. Technology (IT)
olvi3* 1.0 0.0 0.304 (1.0)
cmyn3* 0.0 1.0 0.696 (0.0)
olvi4* 1.0 0.0 0.305 1.0
cmyn4* 0.0 1.0 0.695 0.0
standard and adapted CIELAB
LAB*LAB 48.0 68.31 34.14
LAB*LABa 48.0 68.38 32.59
LAB*TCHa 50.0 75.75 25.48

relative CIELAB lab*
lab*lab 0.387 0.903 0.43
lab*tch 0.5 1.0 0.071
lab*nch 0.0 1.0 0.071

relative Natural Colour (NC)
lab*lrj 0.387 1.0 0.018
lab*tce 0.5 1.0 0.003
lab*nce 0.0 1.0 r01j

Eingabe: Farbmétrisches Natürliches-Reflektiv-System CNS18

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

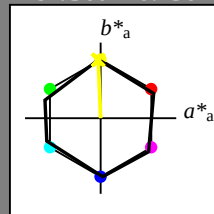
lab^*ch und lab^*nch

D65: Buntton J

LCH*Ma: 57 77 92

olv*Ma: 0.99 1.0 0.0

Dreiecks-Helligkeit t^*



%Umfang

$u^*_{rel} = 100$

%Regularität

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

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

CNS18; adaptierte CIELAB-Daten

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

Ausgabe: Farbmétrisches Offset-Reflektiv-System ORS18

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

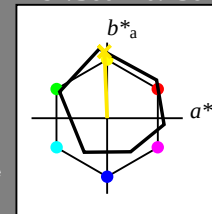
lab^*ch und lab^*nch

D65: Buntton J

LCH*Ma: 87 88 92

olv*Ma: 1.0 0.91 0.0

Dreiecks-Helligkeit t^*



%Umfang

$u^*_{rel} = 93$

%Regularität

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

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

ORS18; adaptierte CIELAB-Daten

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
OMa	47.94	65.39	50.52	82.63	38
YMa	90.37	-10.26	91.75	92.32	96
LMa	50.9	-62.83	34.96	71.91	151
CMa	58.62	-30.34	-45.01	54.3	236
VMa	25.72	31.1	-44.4	54.22	305
MMa	48.13	75.28	-8.36	75.74	354
NMa	18.01	0.0	0.0	0.0	0
WMa	95.41	0.0	0.0	0.0	0
RCIE	39.92	58.66	26.98	64.57	25
JCIE	81.26	-2.16	67.76	67.79	92
GCIE	52.23	-42.25	11.76	43.87	164
BCIE	30.57	1.15	-46.84	46.86	271

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 -0.98 4.75
LAB*LABa 95.41 0.0 0.0
LAB*TCHa 99.99 0.01 -

relative CIELAB lab*
lab*lab 1.0 0.0 0.0
lab*tch 1.0 0.0 -
lab*nch 0.0 0.0 -

relative Natural Colour (NC)
lab*lrj 1.0 0.0 0.0
lab*tce 1.0 0.0 -
lab*nce 0.0 0.0 -

relative Inform. Technology (IT)
olvi3* 0.5 0.5 0.5 (1.0)
cmyn3* 0.5 0.5 0.5 (0.0)
olvi4* 1.0 1.0 1.0 0.5
cmyn4* 0.0 0.0 0.0 0.5

standard and adapted CIELAB
LAB*LAB 56.71 -0.24 2.14
LAB*LABa 56.71 0.0 0.0
LAB*TCHa 50.0 0.01 -

relative CIELAB lab*
lab*lab 0.5 0.0 0.0
lab*tch 0.5 0.0 -
lab*nch 0.5 0.0 -

relative Natural Colour (NC)
lab*lrj 0.5 0.0 0.0
lab*tce 0.5 0.0 -
lab*nce 0.5 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 0.0
cmyn4* 0.0 0.0 0.0 1.0

standard and adapted CIELAB
LAB*LAB 18.02 0.5 -0.47
LAB*LABa 18.02 0.0 0.0
LAB*TCHa 0.01 0.01 -

relative CIELAB lab*
lab*lab 0.0 0.0 0.0
lab*tch 0.0 0.0 -
lab*nch 1.0 0.0 -

relative Natural Colour (NC)
lab*lrj 0.0 0.0 0.0
lab*tce 0.0 0.0 -
lab*nce 1.0 0.0 -

relative Inform. Technology (IT)
olvi3* 1.0 0.956 0.5 (1.0)
cmyn3* 0.0 0.044 0.5 (0.0)
olvi4* 1.0 0.956 0.5 1.0
cmyn4* 0.0 0.044 0.5 0.0

standard and adapted CIELAB
LAB*LAB 91.01 -2.68 48.5
LAB*LABa 91.01 -1.78 44.04
LAB*TCHa 75.0 44.08 92.32

relative CIELAB lab*
lab*lab 0.943 -0.019 0.499
lab*tch 0.75 0.5 0.256
lab*nch 0.0 0.5 0.256

relative Natural Colour (NC)
lab*lrj 0.943 -0.004 0.5
lab*tce 0.75 0.5 0.252
lab*nce 0.0 0.5 j00g

relative Inform. Technology (IT)
olvi3* 0.5 0.456 0.0 (1.0)
cmyn3* 0.5 0.544 1.0 (0.0)
olvi4* 1.0 0.956 0.5 0.5
cmyn4* 0.0 0.044 0.5 0.5

standard and adapted CIELAB
LAB*LAB 52.31 -1.93 45.89
LAB*LABa 52.31 -1.77 44.04
LAB*TCHa 25.01 44.07 92.31

relative CIELAB lab*
lab*lab 0.443 -0.019 0.499
lab*tch 0.25 0.5 0.256
lab*nch 0.5 0.5 0.256

relative Natural Colour (NC)
lab*lrj 0.443 -0.004 0.5
lab*tce 0.25 0.5 0.252
lab*nce 0.5 0.5 j00g

relative Inform. Technology (IT)
olvi3* 1.0 0.911 0.0 (1.0)
cmyn3* 0.0 0.089 1.0 (0.0)
olvi4* 1.0 0.911 0.0 1.0
cmyn4* 0.0 0.089 1.0 0.0

standard and adapted CIELAB
LAB*LAB 86.6 -4.37 92.24
LAB*LABa 86.6 -3.55 88.08
LAB*TCHa 50.0 88.15 92.32

relative CIELAB lab*
lab*lab 0.886 -0.039 0.999
lab*tch 0.5 1.0 0.256
lab*nch 0.0 1.0 0.256

relative Natural Colour (NC)
lab*lrj 0.886 -0.009 1.0
lab*tce 0.5 1.0 0.252
lab*nce 0.0 1.0 j00g

Siehe ähnliche Dateien: <http://www.ps.bam.de/VG40/>
Technische Information: <http://www.ps.bam.de> Version 2.1, io=1,1

BAM-Registrierung: 20060101-VG40/10L/L40G07NP.PS/.PDF BAM-Material: Code=rha4ta
Anwendung für Beurteilung und Messung von Drucker- oder Monitorssystemen
/VG40/ Form: 8/10, Serie: 1/1, Seite: 8
Satzzeichnung 1

VG400-7, 3 stufige Reihen für konstanten CIELAB Buntton 92/360 = 0.256 (links)

3 stufige Reihen für konstanten CIELAB Buntton 92/360 = 0.256 (rechts)

BAM-Prüfvorlage VG40; Farbmétrik-Systeme CNS18 & ORS18input: olv* setrgbcolor

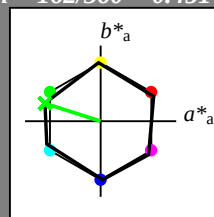
D65: 3stufige Farbreihen und Koordinatendaten für 10 Bunttöne output: no change compared to input

Eingabe: Farbmétrisches Natürliches-Reflektiv-System CNS18

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

D65: Buntton G
LCH*Ma: 57 77 162
olv*Ma: 0.0 1.0 0.01

Dreiecks-Helligkeit t^*



%Umfang

$u^*_{rel} = 100$

%Regularität

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

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

CNS18; adaptierte CIELAB-Daten

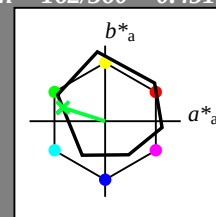
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
RMa	56.7	70.15	32.71	77.4	25
JMa	56.7	-2.69	77.35	77.4	92
GMa	56.7	-73.6	23.92	77.4	162
G50BMa	56.7	-71.24	-30.23	77.4	203
BMa	56.7	2.7	-77.34	77.4	272
B50RMa	56.7	63.4	-44.38	77.4	325
NMa	18.01	0.0	0.0	0.0	0
WMa	95.41	0.0	0.0	0.0	0
RCIE	39.92	58.74	27.99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

Ausgabe: Farbmétrisches Offset-Reflektiv-System ORS18

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

D65: Buntton G
LCH*Ma: 53 59 162
olv*Ma: 0.0 1.0 0.21

Dreiecks-Helligkeit t^*



%Umfang

$u^*_{rel} = 93$

%Regularität

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

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

ORS18; adaptierte CIELAB-Daten

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
OMa	47.94	65.39	50.52	82.63	38
YMa	90.37	-10.26	91.75	92.32	96
LMa	50.9	-62.83	34.96	71.91	151
CMa	58.62	-30.34	-45.01	54.3	236
VMa	25.72	31.1	-44.4	54.22	305
MMa	48.13	75.28	-8.36	75.74	354
NMa	18.01	0.0	0.0	0.0	0
WMa	95.41	0.0	0.0	0.0	0
RCIE	39.92	58.66	26.98	64.57	25
JCIE	81.26	-2.16	67.76	67.79	92
GCIE	52.23	-42.25	11.76	43.87	164
BCIE	30.57	1.15	-46.84	46.86	271

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 -0.98 4.75
LAB*LABa 95.41 0.0 0.0
LAB*TCa 99.99 0.01 -

relative CIELAB lab*
lab*lab 1.0 0.0 0.0
lab*tch 1.0 0.0 -
lab*nch 0.0 0.0 -

relative Natural Colour (NC)
lab*lrj 1.0 0.0 0.0
lab*tce 1.0 0.0 -
lab*nce 0.0 0.0 -

relative Inform. Technology (IT)
olvi3* 0.5 0.5 0.5 (1.0)
cmyn3* 0.5 0.5 0.5 (0.0)
olvi4* 1.0 1.0 1.0 0.5
cmyn4* 0.0 0.0 0.0 0.5

standard and adapted CIELAB
LAB*LAB 56.71 -0.24 2.14
LAB*LABa 56.71 0.0 0.0
LAB*TCa 50.0 0.01 -

relative CIELAB lab*
lab*lab 0.5 0.0 0.0
lab*tch 0.5 0.0 -
lab*nch 0.5 0.0 -

relative Natural Colour (NC)
lab*lrj 0.5 0.0 0.0
lab*tce 0.5 0.0 -
lab*nce 0.5 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 0.0
cmyn4* 0.0 0.0 0.0 1.0

standard and adapted CIELAB
LAB*LAB 18.02 0.5 -0.47
LAB*LABa 18.02 0.0 0.0
LAB*TCa 0.01 0.01 -

relative CIELAB lab*
lab*lab 0.0 0.0 0.0
lab*tch 0.0 0.0 -
lab*nch 1.0 0.0 -

relative Natural Colour (NC)
lab*lrj 0.0 0.0 0.0
lab*tce 0.0 0.0 -
lab*nce 1.0 0.0 -

relative Inform. Technology (IT)
olvi3* 0.5 1.0 0.606 (1.0)
cmyn3* 0.5 0.0 0.394 (0.0)
olvi4* 0.5 1.0 0.607 1.0
cmyn4* 0.5 0.0 0.393 0.0

standard and adapted CIELAB
LAB*LAB 73.97 -28.52 12.27
LAB*LABa 73.97 -27.94 8.96
LAB*TCa 75.0 29.35 162.23

relative CIELAB lab*
lab*lab 0.723 -0.475 0.153
lab*tch 0.75 0.5 0.451
lab*nch 0.0 0.5 0.451

relative Natural Colour (NC)
lab*lrj 0.723 -0.498 0.024
lab*tce 0.75 0.5 0.492
lab*nce 0.0 0.5 0.96g

relative Inform. Technology (IT)
olvi3* 0.0 0.5 0.106 (1.0)
cmyn3* 1.0 0.5 0.894 (0.0)
olvi4* 0.5 1.0 0.606 0.5
cmyn4* 0.5 0.0 0.394 0.5

standard and adapted CIELAB
LAB*LAB 35.28 -27.78 9.67
LAB*LABa 35.28 -27.95 8.97
LAB*TCa 25.01 29.36 162.21

relative CIELAB lab*
lab*lab 0.223 -0.475 0.153
lab*tch 0.25 0.5 0.451
lab*nch 0.5 0.5 0.451

relative Natural Colour (NC)
lab*lrj 0.223 -0.498 0.024
lab*tce 0.25 0.5 0.492
lab*nce 0.5 0.5 0.96g

relative Inform. Technology (IT)
olvi3* 0.0 1.0 0.213 (1.0)
cmyn3* 1.0 0.0 0.787 (0.0)
olvi4* 0.0 1.0 0.213 1.0
cmyn4* 1.0 0.0 0.787 0.0

standard and adapted CIELAB
LAB*LAB 52.54 -56.06 19.79
LAB*LABa 52.54 -55.9 17.93
LAB*TCa 50.0 58.71 162.22

relative CIELAB lab*
lab*lab 0.446 -0.951 0.305
lab*tch 0.5 1.0 0.451
lab*nch 0.0 1.0 0.451

relative Natural Colour (NC)
lab*lrj 0.446 -0.998 0.048
lab*tce 0.5 1.0 0.492
lab*nce 0.0 1.0 0.96g

Siehe ähnliche Dateien: <http://www.ps.bam.de/VG40/>
Technische Information: <http://www.ps.bam.de> Version 2.1, io=1,1

BAM-Registrierung: 20060101-VG40/10L/L40G08NP.PS/.PDF BAM-Material: Code=rha4ta
Anwendung für Beurteilung und Messung von Drucker- oder Monitorssystemen
/VG40/ Form: 9/10, Serie: 1/1, Seite: 9
Satzzeichnung 1

VG400-7, 3 stufige Reihen für konstanten CIELAB Buntton 162/360 = 0.451 (links)

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

BAM-Prüfvorlage VG40; Farbmétrik-Systeme CNS18 & ORS18input: olv* setrgbcolor

D65: 3stufige Farbreihen und Koordinatendaten für 10 Bunttöne output: no change compared to input

Eingabe: Farbmétrisches Natürliches-Reflektiv-System CNS18

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

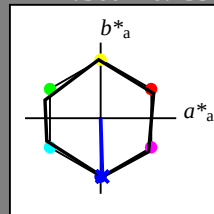
lab^*ch und lab^*nch

D65: Buntton B

LCH*Ma: 57 77 272

olv*Ma: 0.0 0.0 1.0

Dreiecks-Helligkeit t^*



%Umfang

$u^*_{rel} = 100$

%Regularität

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

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

CNS18; adaptierte CIELAB-Daten

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

Ausgabe: Farbmétrisches Offset-Reflektiv-System ORS18

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

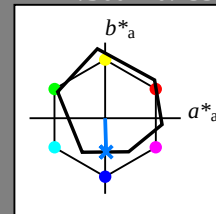
lab^*ch und lab^*nch

D65: Buntton B

LCH*Ma: 42 45 272

olv*Ma: 0.0 0.48 1.0

Dreiecks-Helligkeit t^*



%Umfang

$u^*_{rel} = 93$

%Regularität

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

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

ORS18; adaptierte CIELAB-Daten

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
OMa	47.94	65.39	50.52	82.63	38
YMa	90.37	-10.26	91.75	92.32	96
LMa	50.9	-62.83	34.96	71.91	151
CMa	58.62	-30.34	-45.01	54.3	236
VMa	25.72	31.1	-44.4	54.22	305
MMa	48.13	75.28	-8.36	75.74	354
NMa	18.01	0.0	0.0	0.0	0
WMa	95.41	0.0	0.0	0.0	0
RCIE	39.92	58.66	26.98	64.57	25
JCIE	81.26	-2.16	67.76	67.79	92
GCIE	52.23	-42.25	11.76	43.87	164
BCIE	30.57	1.15	-46.84	46.86	271

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 -0.98 4.75
LAB*LABa 95.41 0.0 0.0
LAB*TCa 99.99 0.01 -

relative CIELAB lab*
lab*lab 1.0 0.0 0.0
lab*tch 1.0 0.0 -
lab*nch 0.0 0.0 -

relative Natural Colour (NC)
lab*lrj 1.0 0.0 0.0
lab*tce 1.0 0.0 -
lab*nce 0.0 0.0 -

relative Inform. Technology (IT)
olvi3* 0.5 0.5 0.5 (1.0)
cmyn3* 0.5 0.5 0.5 (0.0)
olvi4* 1.0 1.0 1.0 0.5
cmyn4* 0.0 0.0 0.0 0.5

standard and adapted CIELAB
LAB*LAB 56.71 -0.24 2.14
LAB*LABa 56.71 0.0 0.0
LAB*TCa 50.0 0.01 -

relative CIELAB lab*
lab*lab 0.5 0.0 0.0
lab*tch 0.5 0.0 -
lab*nch 0.5 0.0 -

relative Natural Colour (NC)
lab*lrj 0.5 0.0 0.0
lab*tce 0.5 0.0 -
lab*nce 0.5 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 0.0
cmyn4* 0.0 0.0 0.0 1.0

standard and adapted CIELAB
LAB*LAB 18.02 0.5 -0.47
LAB*LABa 18.02 0.0 0.0
LAB*TCa 0.01 0.01 -

relative CIELAB lab*
lab*lab 0.0 0.0 0.0
lab*tch 0.0 0.0 -
lab*nch 1.0 0.0 -

relative Natural Colour (NC)
lab*lrj 0.0 0.0 0.0
lab*tce 0.0 0.0 -
lab*nce 1.0 0.0 -

relative Inform. Technology (IT)
olvi3* 0.5 0.742 1.0 (1.0)
cmyn3* 0.5 0.258 0.0 (0.0)
olvi4* 0.5 0.742 1.0 1.0
cmyn4* 0.5 0.258 0.0 0.0

standard and adapted CIELAB
LAB*LAB 68.53 0.2 -19.4
LAB*LABa 68.53 0.68 -22.34
LAB*TCa 75.0 22.36 271.73

relative CIELAB lab*
lab*lab 0.653 0.015 -0.499
lab*tch 0.75 0.5 0.755
lab*nch 0.0 0.5 0.755

relative Natural Colour (NC)
lab*lrj 0.653 0.002 -0.499
lab*tce 0.75 0.5 0.751
lab*nce 0.0 0.5 0.751

relative Inform. Technology (IT)
olvi3* 0.0 0.242 0.5 (1.0)
cmyn3* 1.0 0.758 0.5 (0.0)
olvi4* 0.5 0.742 1.0 0.5
cmyn4* 0.5 0.258 0.0 0.5

standard and adapted CIELAB
LAB*LAB 29.83 0.95 -22.01
LAB*LABa 29.83 0.68 -22.34
LAB*TCa 25.01 22.36 271.75

relative CIELAB lab*
lab*lab 0.153 0.015 -0.499
lab*tch 0.25 0.5 0.755
lab*nch 0.5 0.5 0.755

relative Natural Colour (NC)
lab*lrj 0.153 0.002 -0.499
lab*tce 0.25 0.5 0.751
lab*nce 0.5 0.5 0.751

relative Inform. Technology (IT)
olvi3* 0.0 0.484 1.0 (1.0)
cmyn3* 1.0 0.516 0.0 (0.0)
olvi4* 0.0 0.484 1.0 1.0
cmyn4* 1.0 0.516 0.0 0.0

standard and adapted CIELAB
LAB*LAB 41.65 1.4 -43.56
LAB*LABa 41.65 1.36 -44.69
LAB*TCa 50.0 44.72 271.74

relative CIELAB lab*
lab*lab 0.305 0.03 -0.998
lab*tch 0.5 1.0 0.755
lab*nch 0.0 1.0 0.755

relative Natural Colour (NC)
lab*lrj 0.305 0.005 -0.999
lab*tce 0.5 1.0 0.751
lab*nce 0.0 1.0 0.751

relative Inform. Technology (IT)
olvi3* 0.0 0.242 0.5 (1.0)
cmyn3* 1.0 0.758 0.5 (0.0)
olvi4* 0.5 0.742 1.0 0.5
cmyn4* 0.5 0.258 0.0 0.5

standard and adapted CIELAB
LAB*LAB 29.83 0.95 -22.01
LAB*LABa 29.83 0.68 -22.34
LAB*TCa 25.01 22.36 271.75

relative CIELAB lab*
lab*lab 0.153 0.015 -0.499
lab*tch 0.25 0.5 0.755
lab*nch 0.5 0.5 0.755

relative Natural Colour (NC)
lab*lrj 0.153 0.002 -0.499
lab*tce 0.25 0.5 0.751
lab*nce 0.5 0.5 0.751

relative Inform. Technology (IT)
olvi3* 0.0 0.484 1.0 (1.0)
cmyn3* 1.0 0.516 0.0 (0.0)
olvi4* 0.0 0.484 1.0 1.0
cmyn4* 1.0 0.516 0.0 0.0

standard and adapted CIELAB
LAB*LAB 41.65 1.4 -43.56
LAB*LABa 41.65 1.36 -44.69
LAB*TCa 50.0 44.72 271.74

relative CIELAB lab*
lab*lab 0.305 0.03 -0.998
lab*tch 0.5 1.0 0.755
lab*nch 0.0 1.0 0.755

relative Natural Colour (NC)
lab*lrj 0.305 0.005 -0.999
lab*tce 0.5 1.0 0.751
lab*nce 0.0 1.0 0.751