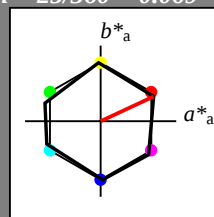


Eingabe: Farbmétrisches Natürliches-Reflektiv-System CNS18

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
 $g^*_{H,rel} = 59$
 $g^*_{C,rel} = 100$

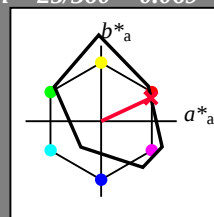
CNS18; adaptierte CIELAB-Daten					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
RMa	56.7	70.15	32.71	77.4	25
JMa	56.7	-2.69	77.35	77.4	92
GMa	56.7	-73.6	23.92	77.4	162
G50BMa	56.7	-71.24	-30.23	77.4	203
BMa	56.7	2.7	-77.34	77.4	272
B50RMa	56.7	63.4	-44.38	77.4	325
NMa	18.01	0.0	0.0	0.0	0
WMa	95.41	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 Drucker-Reflektiv-System FRS06

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

D65: Buntton R
LCH*Ma: 33 73 25
olv*Ma: 1.0 0.0 0.2

Dreiecks-Helligkeit t^*



%Umfang
 $u^*_{rel} = 115$
%Regularität
 $g^*_{H,rel} = 28$
 $g^*_{C,rel} = 38$

FRS06; adaptierte CIELAB-Daten					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
OMa	32.57	62.32	46.49	77.75	37
YMa	82.73	-3.16	113.99	114.03	92
LMa	39.43	-61.79	45.84	76.95	143
CMa	47.86	-26.79	-34.24	43.49	232
VMa	10.16	55.12	-61.03	82.24	312
MMa	34.5	80.68	-33.92	87.52	337
NMa	6.25	0.0	0.0	0.0	0
WMa	91.97	0.0	0.0	0.0	0
RCIE	39.92	59.8	31.05	67.38	27
JCIE	81.26	-2.52	76.25	76.29	92
GCIE	52.23	-41.56	17.14	44.96	158
BCIE	30.57	2.63	-43.77	43.86	273

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	91.97	-0.17	-5.11		
LAB*LABa	91.97	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*	1.0	0.5	0.598	(1.0)	
cmyn3*	0.0	0.5	0.402	(0.0)	
olvi4*	1.0	0.5	0.598	1.0	
cmyn4*	0.0	0.5	0.402	0.0	
standard and adapted CIELAB					
LAB*LAB	62.46	32.27	11.42		
LAB*LABa	62.46	32.95	15.36		
LAB*TCHa	75.0	36.36	25.0		
relative CIELAB lab*					
lab*lab	0.656	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	0.656	0.5	-0.016		
lab*tce	0.75	0.5	0.995		
lab*nce	0.0	0.5	0.97r		

relative Inform. Technology (IT)					
olvi3*	1.0	0.0	0.196	(1.0)	
cmyn3*	0.0	1.0	0.804	(0.0)	
olvi4*	1.0	0.0	0.196	1.0	
cmyn4*	0.0	1.0	0.804	0.0	
standard and adapted CIELAB					
LAB*LAB	32.95	64.73	27.95		
LAB*LABa	32.95	65.91	30.74		
LAB*TCHa	50.0	72.72	25.0		
relative CIELAB lab*					
lab*lab	0.311	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	0.311	0.999	-0.033		
lab*tce	0.5	1.0	0.995		
lab*nce	0.0	1.0	0.97r		

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	49.11	-0.89	-3.42		
LAB*LABa	49.11	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	6.26	-1.62	-1.73		
LAB*LABa	6.26	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	0.0	0.098	(1.0)	
cmyn3*	0.5	1.0	0.902	(0.0)	
olvi4*	1.0	0.5	0.598	0.5	
cmyn4*	0.0	0.5	0.402	0.5	
standard and adapted CIELAB					
LAB*LAB	19.6	31.55	13.12		
LAB*LABa	19.6	32.95	15.37		
LAB*TCHa	25.01	36.36	25.01		
relative CIELAB lab*					
lab*lab	0.156	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	0.156	0.5	-0.016		
lab*tce	0.25	0.5	0.995		
lab*nce	0.5	0.5	0.97r		

relative Inform. Technology (IT)					
olvi3*	1.0	0.0	0.196	(1.0)	
cmyn3*	0.0	1.0	0.804	(0.0)	
olvi4*	1.0	0.0	0.196	1.0	
cmyn4*	0.0	1.0	0.804	0.0	
standard and adapted CIELAB					
LAB*LAB	32.95	64.73	27.95		
LAB*LABa	32.95	65.91	30.74		
LAB*TCHa	50.0	72.72	25.0		
relative CIELAB lab*					
lab*lab	0.311	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	0.311	0.999	-0.033		
lab*tce	0.5	1.0	0.995		
lab*nce	0.0	1.0	0.97r		

Schwarzheit n^*

relative Buntheit c^*

Schwarzheit n^*

relative Buntheit c^*

VG300-7, 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 VG30; Farbmétrik-Systeme CNS18 & FRS06 input: olv* setrgbcolor

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

Eingabe: Farbmétrisches Natürliches-Reflektiv-System CNS18

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

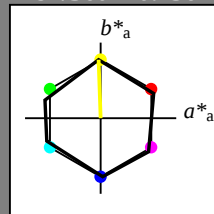
lab^*tch und lab^*nch

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 Drucker-Reflektiv-System FRS06

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

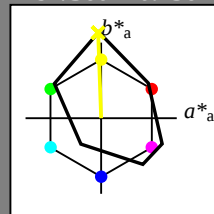
lab^*tch und lab^*nch

D65: Buntton J

LCH*Ma: 82 113 92

olv*Ma: 0.99 1.0 0.0

Dreiecks-Helligkeit t^*



%Umfang

$u^*_{rel} = 115$

%Regularität

$g^*_{H,rel} = 28$

$g^*_{C,rel} = 38$

FRS06; adaptierte CIELAB-Daten

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
OMa	32.57	62.32	46.49	77.75	37
YMa	82.73	-3.16	113.99	114.03	92
LMa	39.43	-61.79	45.84	76.95	143
CMa	47.86	-26.79	-34.24	43.49	232
VMa	10.16	55.12	-61.03	82.24	312
MMa	34.5	80.68	-33.92	87.52	337
NMa	6.25	0.0	0.0	0.0	0
WMa	91.97	0.0	0.0	0.0	0
RCIE	39.92	59.8	31.05	67.38	27
JCIE	81.26	-2.52	76.25	76.29	92
GCIE	52.23	-41.56	17.14	44.96	158
BCIE	30.57	2.63	-43.77	43.86	273

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 91.97 -0.17 -5.11
LAB*LABa 91.97 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 49.11 -0.89 -3.42
LAB*LABa 49.11 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 6.26 -1.62 -1.73
LAB*LABa 6.26 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* 0.993 1.0 0.5 (1.0)
cmyn3* 0.007 0.0 0.5 (0.0)
olvi4* 0.993 1.0 0.5 1.0
cmyn4* 0.007 0.0 0.5 0.0

standard and adapted CIELAB
LAB*LAB 87.06 -2.22 51.62
LAB*LABa 87.06 -1.96 56.54
LAB*TCHa 75.0 56.57 91.99

relative CIELAB lab*
lab*lab 0.943 -0.016 0.5
lab*tch 0.75 0.5 0.256
lab*nch 0.0 0.5 0.256

relative Natural Colour (NC)
lab*lrj 0.943 0.0 0.5
lab*tce 0.75 0.5 0.25
lab*nce 0.0 0.5 0.00g

relative Inform. Technology (IT)
olvi3* 0.493 0.5 0.0 (1.0)
cmyn3* 0.507 0.5 1.0 (0.0)
olvi4* 0.993 1.0 0.5 0.5
cmyn4* 0.007 0.0 0.5 0.5

standard and adapted CIELAB
LAB*LAB 44.2 -2.95 53.3
LAB*LABa 44.2 -1.96 56.53
LAB*TCHa 25.01 56.57 92.0

relative CIELAB lab*
lab*lab 0.443 -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 0.443 0.0 0.5
lab*tce 0.25 0.5 0.25
lab*nce 0.5 0.5 0.00g

relative Inform. Technology (IT)
olvi3* 0.987 1.0 0.0 (1.0)
cmyn3* 0.013 0.0 1.0 (0.0)
olvi4* 0.987 1.0 0.0 1.0
cmyn4* 0.013 0.0 1.0 0.0

standard and adapted CIELAB
LAB*LAB 82.16 -4.28 108.35
LAB*LABa 82.16 -3.93 113.07
LAB*TCHa 50.0 113.14 92.0

relative CIELAB lab*
lab*lab 0.885 -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 0.885 -0.001 1.0
lab*tce 0.5 1.0 0.25
lab*nce 0.0 1.0 0.00g

relative Buntheit c^*

Schwarzheit n^*

$n^* = 1,0$

VG300-7, 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 VG30; Farbmétrik-Systeme CNS18 & FRS06 input: olv* setrgbcolor

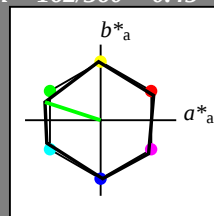
D65: 3stufige Farbreihen und Koordinatendaten für 10 Bunttöne output: no change compared to input

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
 $g^*_{H,rel} = 59$
 $g^*_{C,rel} = 100$

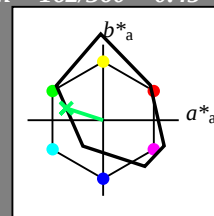
CNS18; adaptierte CIELAB-Daten					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
RMa	56.7	70.15	32.71	77.4	25
JMa	56.7	-2.69	77.35	77.4	92
GMa	56.7	-73.6	23.92	77.4	162
G50BMa	56.7	-71.24	-30.23	77.4	203
BMa	56.7	2.7	-77.34	77.4	272
B50RMa	56.7	63.4	-44.38	77.4	325
NMa	18.01	0.0	0.0	0.0	0
WMa	95.41	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 Drucker-Reflektiv-System FRS06

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

D65: Buntton G
LCH*Ma: 43 51 162
olv*Ma: 0.0 1.0 0.37

Dreiecks-Helligkeit t^*



%Umfang
 $u^*_{rel} = 115$
%Regularität
 $g^*_{H,rel} = 28$
 $g^*_{C,rel} = 38$

FRS06; adaptierte CIELAB-Daten					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
OMa	32.57	62.32	46.49	77.75	37
YMa	82.73	-3.16	113.99	114.03	92
LMa	39.43	-61.79	45.84	76.95	143
CMa	47.86	-26.79	-34.24	43.49	232
VMa	10.16	55.12	-61.03	82.24	312
MMa	34.5	80.68	-33.92	87.52	337
NMa	6.25	0.0	0.0	0.0	0
WMa	91.97	0.0	0.0	0.0	0
RCIE	39.92	59.8	31.05	67.38	27
JCIE	81.26	-2.52	76.25	76.29	92
GCIE	52.23	-41.56	17.14	44.96	158
BCIE	30.57	2.63	-43.77	43.86	273

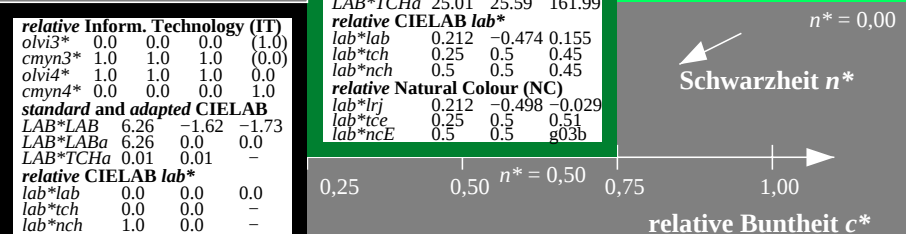
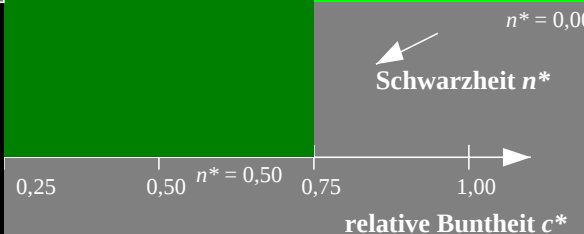
relative Inform. Technology (IT)
olvi3* 1.0 1.0 1.0 (1.0)
cmyn3* 0.0 0.0 0.0 (0.0)
olvi4* 1.0 1.0 1.0 1.0
cmyn4* 0.0 0.0 0.0 0.0
standard and adapted CIELAB
LAB*LAB 91.97 -0.17 -5.11
LAB*LABa 91.97 0.0 0.0
LAB*TCHa 99.99 0.01 -
relative CIELAB lab*
lab*lab 1.0 0.0 0.0
lab*tch 1.0 0.0 -
lab*nch 0.0 0.0 -
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 1.0 0.687 (1.0)
cmyn3* 0.5 0.0 0.313 (0.0)
olvi4* 0.5 1.0 0.688 1.0
cmyn4* 0.5 0.0 0.312 0.0
standard and adapted CIELAB
LAB*LAB 67.28 -24.92 3.77
LAB*LABa 67.28 -24.33 7.9
LAB*TCHa 75.0 25.59 162.01
relative CIELAB lab*
lab*lab 0.712 -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 0.712 -0.498 -0.029
lab*tce 0.75 0.5 0.51
lab*nce 0.0 0.5 g03b

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 49.11 -0.89 -3.42
LAB*LABa 49.11 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 0.5 0.187 (1.0)
cmyn3* 1.0 0.5 0.813 (0.0)
olvi4* 0.5 1.0 0.687 0.5
cmyn4* 0.5 0.0 0.313 0.5
standard and adapted CIELAB
LAB*LAB 24.42 -25.65 5.47
LAB*LABa 24.42 -24.33 7.91
LAB*TCHa 25.01 25.59 161.99
relative CIELAB lab*
lab*lab 0.212 -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 0.212 -0.498 -0.029
lab*tce 0.25 0.5 0.51
lab*nce 0.5 0.5 g03b

relative Inform. Technology (IT)
olvi3* 0.0 1.0 0.375 (1.0)
cmyn3* 1.0 0.0 0.625 (0.0)
olvi4* 0.0 1.0 0.375 1.0
cmyn4* 1.0 0.0 0.625 0.0
standard and adapted CIELAB
LAB*LAB 42.59 -49.68 12.65
LAB*LABa 42.59 -48.66 15.82
LAB*TCHa 50.0 51.18 162.0
relative CIELAB lab*
lab*lab 0.424 -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 0.424 -0.997 -0.059
lab*tce 0.5 1.0 0.51
lab*nce 0.0 1.0 g03b



VG300-7, 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 VG30; Farbmétrik-Systeme CNS18 & FRS06 input: olv* setrgbcolor

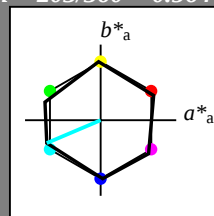
D65: 3stufige Farbreihen und Koordinatendaten für 10 Bunttöne output: no change compared to input

Eingabe: Farbmétrisches Natürliches-Reflektiv-System CNS18

für Buntton $h^* = lab^*h = 203/360 = 0.564$
 lab^*tch 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
 $g^*_{H,rel} = 59$
 $g^*_{C,rel} = 100$

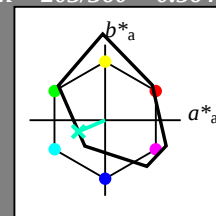
CNS18; adaptierte CIELAB-Daten					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
RMa	56.7	70.15	32.71	77.4	25
JMa	56.7	-2.69	77.35	77.4	92
GMa	56.7	-73.6	23.92	77.4	162
G50B _{Ma}	56.7	-71.24	-30.23	77.4	203
B _{Ma}	56.7	2.7	-77.34	77.4	272
B50R _{Ma}	56.7	63.4	-44.38	77.4	325
N _{Ma}	18.01	0.0	0.0	0.0	0
W _{Ma}	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 Drucker-Reflektiv-System FRS06

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

D65: Buntton G50B
LCH*Ma: 46 38 203
olv*Ma: 0.0 1.0 0.76

Dreiecks-Helligkeit t^*



%Umfang
 $u^*_{rel} = 115$
%Regularität
 $g^*_{H,rel} = 28$
 $g^*_{C,rel} = 38$

FRS06; adaptierte CIELAB-Daten					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
OMa	32.57	62.32	46.49	77.75	37
YMa	82.73	-3.16	113.99	114.03	92
LMa	39.43	-61.79	45.84	76.95	143
CMa	47.86	-26.79	-34.24	43.49	232
VMa	10.16	55.12	-61.03	82.24	312
MMa	34.5	80.68	-33.92	87.52	337
NMa	6.25	0.0	0.0	0.0	0
WMa	91.97	0.0	0.0	0.0	0
RCIE	39.92	59.8	31.05	67.38	27
JCIE	81.26	-2.52	76.25	76.29	92
GCIE	52.23	-41.56	17.14	44.96	158
BCIE	30.57	2.63	-43.77	43.86	273

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	91.97	-0.17	-5.11		
LAB*LABa	91.97	0.0	0.0		
LAB*TC _{Ha}	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	0.88	(1.0)	
cmyn3*	0.5	0.0	0.12	(0.0)	
olvi4*	0.5	1.0	0.88	1.0	
cmyn4*	0.5	0.0	0.12	0.0	
standard and adapted CIELAB					
LAB*LAB	68.9	-18.17	-11.67		
LAB*LABa	68.9	-17.6	-7.47		
LAB*TC _{Ha}	75.0	19.13	203.02		
relative CIELAB lab*					
lab*lab	0.731	-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	0.731	-0.407	-0.288		
lab*tce	0.75	0.5	0.598		
lab*nce	0.0	0.5	g39b		

relative Inform. Technology (IT)					
olvi3*	0.0	1.0	0.759	(1.0)	
cmyn3*	1.0	0.0	0.241	(0.0)	
olvi4*	0.0	1.0	0.759	1.0	
cmyn4*	1.0	0.0	0.241	0.0	
standard and adapted CIELAB					
LAB*LAB	45.83	-36.18	-18.24		
LAB*LABa	45.83	-35.22	-14.95		
LAB*TC _{Ha}	50.0	38.27	203.01		
relative CIELAB lab*					
lab*lab	0.462	-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	0.462	-0.815	-0.577		
lab*tce	0.5	1.0	0.598		
lab*nce	0.0	1.0	g39b		

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	49.11	-0.89	-3.42		
LAB*LABa	49.11	0.0	0.0		
LAB*TC _{Ha}	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	6.26	-1.62	-1.73		
LAB*LABa	6.26	0.0	0.0		
LAB*TC _{Ha}	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	0.38	(1.0)	
cmyn3*	1.0	0.5	0.62	(0.0)	
olvi4*	0.5	1.0	0.88	0.5	
cmyn4*	0.5	0.0	0.12	0.5	
standard and adapted CIELAB					
LAB*LAB	26.04	-18.9	-9.98		
LAB*LABa	26.04	-17.6	-7.46		
LAB*TC _{Ha}	25.01	19.13	202.99		
relative CIELAB lab*					
lab*lab	0.231	-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	0.231	-0.407	-0.288		
lab*tce	0.25	0.5	0.598		
lab*nce	0.5	0.5	g39b		

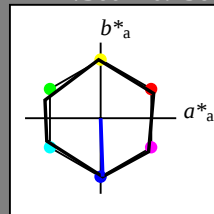
relative Inform. Technology (IT)					
olvi3*	0.0	1.0	0.759	(1.0)	
cmyn3*	1.0	0.0	0.241	(0.0)	
olvi4*	0.0	1.0	0.759	1.0	
cmyn4*	1.0	0.0	0.241	0.0	
standard and adapted CIELAB					
LAB*LAB	45.83	-36.18	-18.24		
LAB*LABa	45.83	-35.22	-14.95		
LAB*TC _{Ha}	50.0	38.27	203.01		
relative CIELAB lab*					
lab*lab	0.462	-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	0.462	-0.815	-0.577		
lab*tce	0.5	1.0	0.598		
lab*nce	0.0	1.0	g39b		

Eingabe: Farbmétrisches Natürliches-Reflektiv-System CNS18

für Buntton $h^* = lab^*h = 272/360 = 0.756$
 lab^*tch 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
 $g^*_{H,rel} = 59$
 $g^*_{C,rel} = 100$

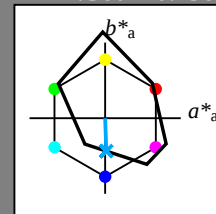
CNS18; adaptierte CIELAB-Daten					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
RMa	56.7	70.15	32.71	77.4	25
JMa	56.7	-2.69	77.35	77.4	92
GMa	56.7	-73.6	23.92	77.4	162
G50BMa	56.7	-71.24	-30.23	77.4	203
BMa	56.7	2.7	-77.34	77.4	272
B50RMa	56.7	63.4	-44.38	77.4	325
NMa	18.01	0.0	0.0	0.0	0
WMa	95.41	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 Drucker-Reflektiv-System FRS06

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

D65: Buntton B
LCH*Ma: 35 44 272
olv*Ma: 0.0 0.65 1.0

Dreiecks-Helligkeit t^*



%Umfang
 $u^*_{rel} = 115$
%Regularität
 $g^*_{H,rel} = 28$
 $g^*_{C,rel} = 38$

FRS06; adaptierte CIELAB-Daten					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
OMa	32.57	62.32	46.49	77.75	37
YMa	82.73	-3.16	113.99	114.03	92
LMa	39.43	-61.79	45.84	76.95	143
CMa	47.86	-26.79	-34.24	43.49	232
VMa	10.16	55.12	-61.03	82.24	312
MMa	34.5	80.68	-33.92	87.52	337
NMa	6.25	0.0	0.0	0.0	0
WMa	91.97	0.0	0.0	0.0	0
RCIE	39.92	59.8	31.05	67.38	27
JCIE	81.26	-2.52	76.25	76.29	92
GCIE	52.23	-41.56	17.14	44.96	158
BCIE	30.57	2.63	-43.77	43.86	273

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	91.97	-0.17	-5.11		
LAB*LABa	91.97	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	0.827	1.0	(1.0)	
cmyn3*	0.5	0.173	0.0	(0.0)	
olvi4*	0.5	0.827	1.0	1.0	
cmyn4*	0.5	0.173	0.0	0.0	
standard and adapted CIELAB					
LAB*LAB	63.4	0.09	-25.72		
LAB*LABa	63.4	0.75	-21.74		
LAB*TCa	75.0	21.76	271.99		
relative CIELAB lab*					
lab*lab	0.667	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	0.667	-0.009	-0.499		
lab*tce	0.75	0.5	0.747		
lab*nce	0.0	0.5	g98b		

relative Inform. Technology (IT)					
olvi3*	0.0	0.654	1.0	(1.0)	
cmyn3*	1.0	0.346	0.0	(0.0)	
olvi4*	0.0	0.654	1.0	1.0	
cmyn4*	1.0	0.346	0.0	0.0	
standard and adapted CIELAB					
LAB*LAB	34.83	0.37	-46.35		
LAB*LABa	34.83	1.52	-43.49		
LAB*TCa	50.0	43.53	272.0		
relative CIELAB lab*					
lab*lab	0.333	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	0.333	-0.019	-0.999		
lab*tce	0.5	1.0	0.747		
lab*nce	0.0	1.0	g98b		

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	49.11	-0.89	-3.42		
LAB*LABa	49.11	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	6.26	-1.62	-1.73		
LAB*LABa	6.26	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	0.327	0.5	(1.0)	
cmyn3*	1.0	0.673	0.5	(0.0)	
olvi4*	0.5	0.827	1.0	0.5	
cmyn4*	0.5	0.173	0.0	0.5	
standard and adapted CIELAB					
LAB*LAB	20.54	-0.62	-24.03		
LAB*LABa	20.54	0.76	-21.74		
LAB*TCa	25.01	21.76	272.01		
relative CIELAB lab*					
lab*lab	0.167	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	0.167	-0.009	-0.499		
lab*tce	0.25	0.5	0.747		
lab*nce	0.5	0.5	g98b		

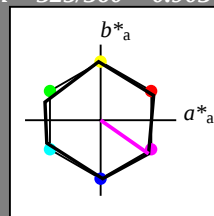
relative Inform. Technology (IT)					
olvi3*	0.0	0.654	1.0	(1.0)	
cmyn3*	1.0	0.346	0.0	(0.0)	
olvi4*	0.0	0.654	1.0	1.0	
cmyn4*	1.0	0.346	0.0	0.0	
standard and adapted CIELAB					
LAB*LAB	34.83	0.37	-46.35		
LAB*LABa	34.83	1.52	-43.49		
LAB*TCa	50.0	43.53	272.0		
relative CIELAB lab*					
lab*lab	0.333	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	0.333	-0.019	-0.999		
lab*tce	0.5	1.0	0.747		
lab*nce	0.0	1.0	g98b		

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
 $g^*_{H,rel} = 59$
 $g^*_{C,rel} = 100$

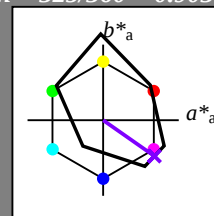
CNS18; adaptierte CIELAB-Daten					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
RMa	56.7	70.15	32.71	77.4	25
JMa	56.7	-2.69	77.35	77.4	92
GMa	56.7	-73.6	23.92	77.4	162
G50BMa	56.7	-71.24	-30.23	77.4	203
BMa	56.7	2.7	-77.34	77.4	272
B50RMa	56.7	63.4	-44.38	77.4	325
NMa	18.01	0.0	0.0	0.0	0
WMa	95.41	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 Drucker-Reflektiv-System FRS06

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

D65: Buntton B50R
LCH*Ma: 22 83 325
olv*Ma: 0.5 0.0 1.0

Dreiecks-Helligkeit t^*



%Umfang
 $u^*_{rel} = 115$
%Regularität
 $g^*_{H,rel} = 28$
 $g^*_{C,rel} = 38$

FRS06; adaptierte CIELAB-Daten					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
OMa	32.57	62.32	46.49	77.75	37
YMa	82.73	-3.16	113.99	114.03	92
LMa	39.43	-61.79	45.84	76.95	143
CMa	47.86	-26.79	-34.24	43.49	232
VMa	10.16	55.12	-61.03	82.24	312
MMa	34.5	80.68	-33.92	87.52	337
NMa	6.25	0.0	0.0	0.0	0
WMa	91.97	0.0	0.0	0.0	0
RCIE	39.92	59.8	31.05	67.38	27
JCIE	81.26	-2.52	76.25	76.29	92
GCIE	52.23	-41.56	17.14	44.96	158
BCIE	30.57	2.63	-43.77	43.86	273

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	91.97	-0.17	-5.11		
LAB*LABa	91.97	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*	0.749	0.5	1.0	(1.0)	
cmyn3*	0.251	0.5	0.0	(0.0)	
olvi4*	0.749	0.5	1.0	1.0	
cmyn4*	0.251	0.5	0.0	0.0	
standard and adapted CIELAB					
LAB*LAB	57.13	33.16	-27.48		
LAB*LABa	57.13	33.93	-23.74		
LAB*TCHa	75.0	41.42	325.0		
relative CIELAB lab*					
lab*lab	0.594	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	0.594	0.326	-0.378		
lab*tce	0.75	0.5	0.863		
lab*nce	0.0	0.5	b45r		

relative Inform. Technology (IT)					
olvi3*	0.499	0.0	1.0	(1.0)	
cmyn3*	0.501	1.0	0.0	(0.0)	
olvi4*	0.499	0.0	1.0	1.0	
cmyn4*	0.501	1.0	0.0	0.0	
standard and adapted CIELAB					
LAB*LAB	22.3	66.49	-49.86		
LAB*LABa	22.3	67.85	-47.5		
LAB*TCHa	50.0	82.83	325.0		
relative CIELAB lab*					
lab*lab	0.187	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	0.187	0.652	-0.757		
lab*tce	0.5	1.0	0.863		
lab*nce	0.0	1.0	b45r		

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	6.26	-1.62	-1.73		
LAB*LABa	6.26	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*	0.249	0.0	0.5	(1.0)	
cmyn3*	0.751	1.0	0.5	(0.0)	
olvi4*	0.749	0.5	1.0	0.5	
cmyn4*	0.251	0.5	0.0	0.5	
standard and adapted CIELAB					
LAB*LAB	14.28	32.43	-25.79		
LAB*LABa	14.28	33.92	-23.75		
LAB*TCHa	25.01	41.42	325.0		
relative CIELAB lab*					
lab*lab	0.094	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	0.094	0.326	-0.378		
lab*tce	0.25	0.5	0.863		
lab*nce	0.5	0.5	b45r		

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	6.26	-1.62	-1.73		
LAB*LABa	6.26	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	-		

BAM-Prüfvorlage VG30; Farbmétrik-Systeme CNS18 & FRS06 input: olv* setrgbcolor

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

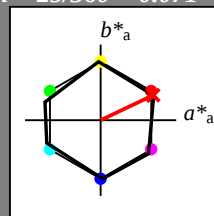
Eingabe: Farbmétrisches Natürliches-Reflektiv-System CNS18

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

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

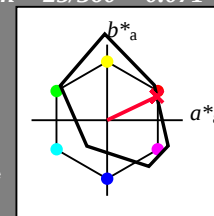
Ausgabe: Farbmétrisches Drucker-Reflektiv-System FRS06

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

lab^*tch und lab^*nch

D65: Buntton R
LCH*Ma: 33 73 25
olv*Ma: 1.0 0.0 0.19

Dreiecks-Helligkeit t^*



%Umfang

$u^*_{rel} = 115$

%Regularität

$g^*_{H,rel} = 28$

$g^*_{C,rel} = 38$

FRS06; adaptierte CIELAB-Daten

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
OMa	32.57	62.32	46.49	77.75	37
YMa	82.73	-3.16	113.99	114.03	92
LMa	39.43	-61.79	45.84	76.95	143
CMa	47.86	-26.79	-34.24	43.49	232
VMa	10.16	55.12	-61.03	82.24	312
MMa	34.5	80.68	-33.92	87.52	337
NMa	6.25	0.0	0.0	0.0	0
WMa	91.97	0.0	0.0	0.0	0
RCIE	39.92	59.8	31.05	67.38	27
JCIE	81.26	-2.52	76.25	76.29	92
GCIE	52.23	-41.56	17.14	44.96	158
BCIE	30.57	2.63	-43.77	43.86	273

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 91.97 -0.17 -5.11
LAB*LABa 91.97 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 49.11 -0.89 -3.42
LAB*LABa 49.11 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 6.26 -1.62 -1.73
LAB*LABa 6.26 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 0.594 (1.0)
cmyn3* 0.0 0.5 0.406 (0.0)
olvi4* 1.0 0.5 0.594 1.0
cmyn4* 0.0 0.5 0.406 0.0

standard and adapted CIELAB
LAB*LAB 62.45 32.21 11.72
LAB*LABa 62.45 32.88 15.67
LAB*TCHa 75.0 36.43 25.48

relative CIELAB lab*
lab*lab 0.656 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 0.656 0.5 -0.013
lab*tce 0.75 0.5 0.996
lab*nce 0.0 0.5 b98r

relative Inform. Technology (IT)
olvi3* 0.5 0.0 0.094 (1.0)
cmyn3* 0.5 1.0 0.906 (0.0)
olvi4* 1.0 0.5 0.594 0.5
cmyn4* 0.0 0.5 0.406 0.5

standard and adapted CIELAB
LAB*LAB 19.6 31.48 13.42
LAB*LABa 19.6 32.88 15.68
LAB*TCHa 25.01 36.43 25.49

relative CIELAB lab*
lab*lab 0.156 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 0.156 0.5 -0.012
lab*tce 0.25 0.5 0.996
lab*nce 0.5 0.5 b98r

relative Inform. Technology (IT)
olvi3* 1.0 0.0 0.188 (1.0)
cmyn3* 0.0 1.0 0.812 (0.0)
olvi4* 1.0 0.0 0.188 1.0
cmyn4* 0.0 1.0 0.812 0.0

standard and adapted CIELAB
LAB*LAB 32.94 64.59 28.56
LAB*LABa 32.94 65.77 31.34
LAB*TCHa 50.0 72.85 25.48

relative CIELAB lab*
lab*lab 0.311 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 0.311 0.999 -0.026
lab*tce 0.5 1.0 0.996
lab*nce 0.0 1.0 b98r

Siehe ähnliche Dateien: <http://www.ps.bam.de/VG30/>
Technische Information: <http://www.ps.bam.de> Version 2.1, io=1,1

BAM-Registrierung: 20060101-VG30/10L/L30G06NP.PS/.PDF BAM-Material: Code=rha4ta
Anwendung für Beurteilung und Messung von Drucker- oder Monitorssystemen
/VG30/ Form: 7/10, Serie: 1/1, Seite: 7
Satzzeichnung 1

VG300-7, 3 stufige Reihen für konstanten CIELAB Buntton 25/360 = 0.071 (links)

3 stufige Reihen für konstanten CIELAB Buntton 25/360 = 0.071 (rechts)

BAM-Prüfvorlage VG30; Farbmétrik-Systeme CNS18 & FRS06 input: olv* setrgbcolor

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

Eingabe: Farbmétrisches Natürliches-Reflektiv-System CNS18

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

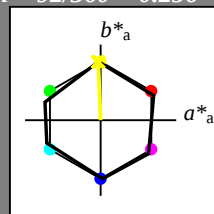
lab^*ch und lab^*nch

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 Drucker-Reflektiv-System FRS06

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

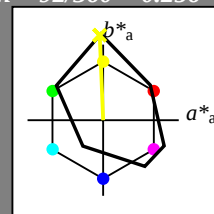
lab^*ch und lab^*nch

D65: Buntton J

LCH*Ma: 82 112 92

olv*Ma: 0.98 1.0 0.0

Dreiecks-Helligkeit t^*



%Umfang

$u^*_{rel} = 115$

%Regularität

$g^*_{H,rel} = 28$

$g^*_{C,rel} = 38$

FRS06; adaptierte CIELAB-Daten

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
OMa	32.57	62.32	46.49	77.75	37
YMa	82.73	-3.16	113.99	114.03	92
LMa	39.43	-61.79	45.84	76.95	143
CMa	47.86	-26.79	-34.24	43.49	232
VMa	10.16	55.12	-61.03	82.24	312
MMa	34.5	80.68	-33.92	87.52	337
NMa	6.25	0.0	0.0	0.0	0
WMa	91.97	0.0	0.0	0.0	0
RCIE	39.92	59.8	31.05	67.38	27
JCIE	81.26	-2.52	76.25	76.29	92
GCIE	52.23	-41.56	17.14	44.96	158
BCIE	30.57	2.63	-43.77	43.86	273

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 91.97 -0.17 -5.11
LAB*LABa 91.97 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 49.11 -0.89 -3.42
LAB*LABa 49.11 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 6.26 -1.62 -1.73
LAB*LABa 6.26 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* 0.988 1.0 0.5 (1.0)
cmyn3* 0.012 0.0 0.5 (0.0)
olvi4* 0.988 1.0 0.5 1.0
cmyn4* 0.012 0.0 0.5 0.0

standard and adapted CIELAB
LAB*LAB 86.84 -2.52 51.29
LAB*LABa 86.84 -2.25 56.19
LAB*TCHa 75.0 56.24 92.31

relative CIELAB lab*
lab*lab 0.94 -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 0.94 -0.004 0.5
lab*tce 0.75 0.5 0.252
lab*nce 0.0 0.5 0.00g

relative Inform. Technology (IT)
olvi3* 0.488 0.5 0.0 (1.0)
cmyn3* 0.512 0.5 1.0 (0.0)
olvi4* 0.988 1.0 0.5 0.5
cmyn4* 0.012 0.0 0.5 0.5

standard and adapted CIELAB
LAB*LAB 43.99 -3.25 52.97
LAB*LABa 43.99 -2.26 56.19
LAB*TCHa 25.01 56.23 92.31

relative CIELAB lab*
lab*lab 0.44 -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 0.44 -0.004 0.5
lab*tce 0.25 0.5 0.252
lab*nce 0.5 0.5 0.00g

relative Inform. Technology (IT)
olvi3* 0.977 1.0 0.0 (1.0)
cmyn3* 0.023 0.0 1.0 (0.0)
olvi4* 0.977 1.0 0.0 1.0
cmyn4* 0.023 0.0 1.0 0.0

standard and adapted CIELAB
LAB*LAB 81.72 -4.88 107.68
LAB*LABa 81.72 -4.52 112.38
LAB*TCHa 50.0 112.47 92.31

relative CIELAB lab*
lab*lab 0.88 -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 0.88 -0.009 1.0
lab*tce 0.5 1.0 0.252
lab*nce 0.0 1.0 0.00g

Siehe ähnliche Dateien: <http://www.ps.bam.de/VG30/>
Technische Information: <http://www.ps.bam.de> Version 2.1, io=1,1

BAM-Registrierung: 20060101-VG30/10L/L30G07NP.PS/.PDF BAM-Material: Code=rha4ta
Anwendung für Beurteilung und Messung von Drucker- oder Monitorssystemen
VG30/ Form: 8/10, Serie: 1/1, Seite: 8
Satzzeichnung 1

VG300-7, 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 VG30; Farbmétrik-Systeme CNS18 & FRS06 input: olv* setrgbcolor

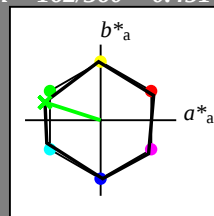
D65: 3stufige Farbreihen und Koordinatendaten für 10 Bunttöne output: no change compared to input

Eingabe: Farbmétrisches Natürliches-Reflektiv-System CNS18

für Buntton $h^* = lab^*h = 162/360 = 0.451$
 lab^*ch 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
 $g^*_{H,rel} = 59$
 $g^*_{C,rel} = 100$

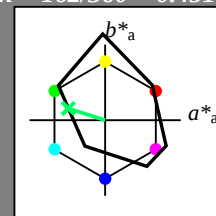
CNS18; adaptierte CIELAB-Daten					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
RMa	56.7	70.15	32.71	77.4	25
JMa	56.7	-2.69	77.35	77.4	92
GMa	56.7	-73.6	23.92	77.4	162
G50BMa	56.7	-71.24	-30.23	77.4	203
BMa	56.7	2.7	-77.34	77.4	272
B50RMa	56.7	63.4	-44.38	77.4	325
NMa	18.01	0.0	0.0	0.0	0
WMa	95.41	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 Drucker-Reflektiv-System FRS06

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

D65: Buntton G
LCH*Ma: 43 51 162
olv*Ma: 0.0 1.0 0.38

Dreiecks-Helligkeit t^*



%Umfang
 $u^*_{rel} = 115$
%Regularität
 $g^*_{H,rel} = 28$
 $g^*_{C,rel} = 38$

FRS06; adaptierte CIELAB-Daten					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
OMa	32.57	62.32	46.49	77.75	37
YMa	82.73	-3.16	113.99	114.03	92
LMa	39.43	-61.79	45.84	76.95	143
CMa	47.86	-26.79	-34.24	43.49	232
VMa	10.16	55.12	-61.03	82.24	312
MMa	34.5	80.68	-33.92	87.52	337
NMa	6.25	0.0	0.0	0.0	0
WMa	91.97	0.0	0.0	0.0	0
RCIE	39.92	59.8	31.05	67.38	27
JCIE	81.26	-2.52	76.25	76.29	92
GCIE	52.23	-41.56	17.14	44.96	158
BCIE	30.57	2.63	-43.77	43.86	273

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	91.97	-0.17	-5.11		
LAB*LABa	91.97	0.0	0.0		
LAB*TBa	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	-		

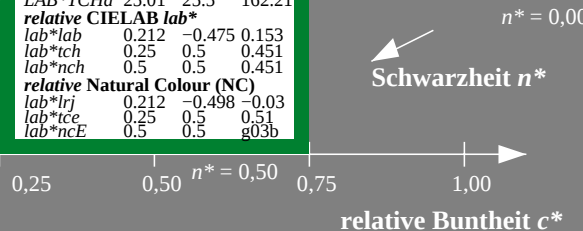
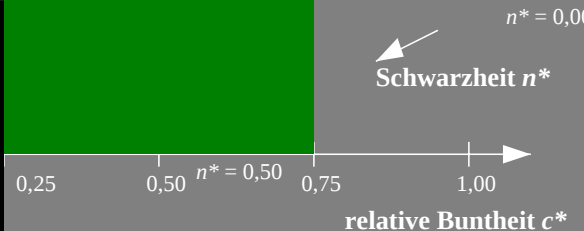
relative Inform. Technology (IT)					
olvi3*	0.5	1.0	0.689	(1.0)	
cmyn3*	0.5	0.0	0.311	(0.0)	
olvi4*	0.5	1.0	0.689	1.0	
cmyn4*	0.5	0.0	0.311	0.0	
standard and adapted CIELAB					
LAB*LAB	67.29	-24.87	3.65		
LAB*LABa	67.29	-24.27	7.78		
LAB*TBa	75.0	25.5	162.23		
relative CIELAB lab*					
lab*lab	0.712	-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	0.712	-0.498	-0.03		
lab*tce	0.75	0.5	0.51		
lab*nce	0.0	0.5	g04b		

relative Inform. Technology (IT)					
olvi3*	0.0	1.0	0.378	(1.0)	
cmyn3*	1.0	0.0	0.622	(0.0)	
olvi4*	0.0	1.0	0.378	1.0	
cmyn4*	1.0	0.0	0.622	0.0	
standard and adapted CIELAB					
LAB*LAB	42.62	-49.57	12.41		
LAB*LABa	42.62	-48.56	15.57		
LAB*TBa	50.0	51.0	162.22		
relative CIELAB lab*					
lab*lab	0.424	-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	0.424	-0.997	-0.062		
lab*tce	0.5	1.0	0.51		
lab*nce	0.0	1.0	g04b		

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	49.11	-0.89	-3.42		
LAB*LABa	49.11	0.0	0.0		
LAB*TBa	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	0.5	0.189	(1.0)	
cmyn3*	1.0	0.5	0.811	(0.0)	
olvi4*	0.5	1.0	0.689	0.5	
cmyn4*	0.5	0.0	0.311	0.5	
standard and adapted CIELAB					
LAB*LAB	24.44	-25.6	5.34		
LAB*LABa	24.44	-24.28	7.79		
LAB*TBa	25.01	25.5	162.21		
relative CIELAB lab*					
lab*lab	0.212	-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	0.212	-0.498	-0.03		
lab*tce	0.25	0.5	0.51		
lab*nce	0.5	0.5	g03b		

relative Inform. Technology (IT)					
olvi3*	0.0	1.0	0.378	(1.0)	
cmyn3*	1.0	0.0	0.622	(0.0)	
olvi4*	0.0	1.0	0.378	1.0	
cmyn4*	1.0	0.0	0.622	0.0	
standard and adapted CIELAB					
LAB*LAB	42.62	-49.57	12.41		
LAB*LABa	42.62	-48.56	15.57		
LAB*TBa	50.0	51.0	162.22		
relative CIELAB lab*					
lab*lab	0.424	-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	0.424	-0.997	-0.062		
lab*tce	0.5	1.0	0.51		
lab*nce	0.0	1.0	g04b		



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	6.26	-1.62	-1.73		
LAB*LABa	6.26	0.0	0.0		
LAB*TBa	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	0.189	(1.0)	
cmyn3*	1.0	0.5	0.811	(0.0)	
olvi4*	0.5	1.0	0.689	0.5	
cmyn4*	0.5	0.0	0.311	0.5	
standard and adapted CIELAB					
LAB*LAB	24.44	-25.6	5.34		
LAB*LABa	24.44	-24.28	7.79		
LAB*TBa	25.01	25.5	162.21		
relative CIELAB lab*					
lab*lab	0.212	-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	0.212	-0.498	-0.03		
lab*tce	0.25	0.5	0.51		
lab*nce	0.5	0.5	g03b		

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

VG300-7, 3 stufige Reihen für konstanten CIELAB Buntton 162/360 = 0.451 (links)

BAM-Prüfvorlage VG30; Farbmétrik-Systeme CNS18 & FRS06 input: olv* setrgbcolor

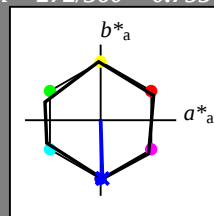
D65: 3stufige Farbreihen und Koordinatendaten für 10 Bunttöne output: no change compared to input

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
 $g^*_{H,rel} = 59$
 $g^*_{C,rel} = 100$

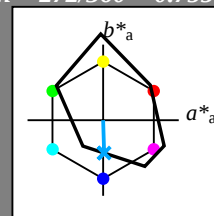
CNS18; adaptierte CIELAB-Daten					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
RMa	56.7	70.15	32.71	77.4	25
JMa	56.7	-2.69	77.35	77.4	92
GMa	56.7	-73.6	23.92	77.4	162
G50BMa	56.7	-71.24	-30.23	77.4	203
BMa	56.7	2.7	-77.34	77.4	272
B50RMa	56.7	63.4	-44.38	77.4	325
NMa	18.01	0.0	0.0	0.0	0
WMa	95.41	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 Drucker-Reflektiv-System FRS06

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

D65: Buntton B
LCH*Ma: 35 43 272
olv*Ma: 0.0 0.66 1.0

Dreiecks-Helligkeit t^*



%Umfang
 $u^*_{rel} = 115$
%Regularität
 $g^*_{H,rel} = 28$
 $g^*_{C,rel} = 38$

FRS06; adaptierte CIELAB-Daten					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
OMa	32.57	62.32	46.49	77.75	37
YMa	82.73	-3.16	113.99	114.03	92
LMa	39.43	-61.79	45.84	76.95	143
CMa	47.86	-26.79	-34.24	43.49	232
VMa	10.16	55.12	-61.03	82.24	312
MMa	34.5	80.68	-33.92	87.52	337
NMa	6.25	0.0	0.0	0.0	0
WMa	91.97	0.0	0.0	0.0	0
RCIE	39.92	59.8	31.05	67.38	27
JCIE	81.26	-2.52	76.25	76.29	92
GCIE	52.23	-41.56	17.14	44.96	158
BCIE	30.57	2.63	-43.77	43.86	273

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	91.97	-0.17	-5.11		
LAB*LABa	91.97	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	0.828	1.0	(1.0)	
cmyn3*	0.5	0.172	0.0	(0.0)	
olvi4*	0.5	0.828	1.0	1.0	
cmyn4*	0.5	0.172	0.0	0.0	
standard and adapted CIELAB					
LAB*LAB	63.44	0.0	-25.69		
LAB*LABa	63.44	0.65	-21.71		
LAB*TCa	75.0	21.73	271.72		
relative CIELAB lab*					
lab*lab	0.667	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	0.667	-0.011	-0.499		
lab*tce	0.75	0.5	0.746		
lab*nce	0.0	0.5	g98b		

relative Inform. Technology (IT)					
olvi3*	0.0	0.657	1.0	(1.0)	
cmyn3*	1.0	0.343	0.0	(0.0)	
olvi4*	0.0	0.657	1.0	1.0	
cmyn4*	1.0	0.343	0.0	0.0	
standard and adapted CIELAB					
LAB*LAB	34.92	0.17	-46.28		
LAB*LABa	34.92	1.32	-43.42		
LAB*TCa	50.0	43.45	271.73		
relative CIELAB lab*					
lab*lab	0.334	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	0.334	-0.022	-0.999		
lab*tce	0.5	1.0	0.746		
lab*nce	0.0	1.0	g98b		

relative Inform. Technology (IT)					
olvi3*	0.0	0.328	0.5	(1.0)	
cmyn3*	1.0	0.672	0.5	(0.0)	
olvi4*	0.5	0.828	1.0	0.5	
cmyn4*	0.5	0.172	0.0	0.5	
standard and adapted CIELAB					
LAB*LAB	20.59	-0.72	-24.0		
LAB*LABa	20.59	0.66	-21.71		
LAB*TCa	25.01	21.73	271.75		
relative CIELAB lab*					
lab*lab	0.167	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	0.167	-0.01	-0.499		
lab*tce	0.25	0.5	0.746		
lab*nce	0.5	0.5	g98b		

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	6.26	-1.62	-1.73		
LAB*LABa	6.26	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	0.328	0.5	(1.0)	
cmyn3*	1.0	0.672	0.5	(0.0)	
olvi4*	0.5	0.828	1.0	0.5	
cmyn4*	0.5	0.172	0.0	0.5	
standard and adapted CIELAB					
LAB*LAB	20.59	-0.72	-24.0		
LAB*LABa	20.59	0.66	-21.71		
LAB*TCa	25.01	21.73	271.75		
relative CIELAB lab*					
lab*lab	0.167	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	0.167	-0.01	-0.499		
lab*tce	0.25	0.5	0.746		
lab*nce	0.5	0.5	g98b		

relative Inform. Technology (IT)					
olvi3*	0.0	0.657	1.0	(1.0)	
cmyn3*	1.0	0.343	0.0	(0.0)	
olvi4*	0.0	0.657	1.0	1.0	
cmyn4*	1.0	0.343	0.0	0.0	
standard and adapted CIELAB					
LAB*LAB	34.92	0.17	-46.28		
LAB*LABa	34.92	1.32	-43.42		
LAB*TCa	50.0	43.45	271.73		
relative CIELAB lab*					
lab*lab	0.334	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	0.334	-0.022	-0.999		
lab*tce	0.5	1.0	0.746		
lab*nce	0.0	1.0	g98b		

relative Inform. Technology (IT)					
olvi3*	0.0	0.328	0.5	(1.0)	
cmyn3*	1.0	0.672	0.5	(0.0)	
olvi4*	0.5	0.828	1.0	0.5	
cmyn4*	0.5	0.172	0.0	0.5	
standard and adapted CIELAB					
LAB*LAB	20.59	-0.72	-24.0		
LAB*LABa	20.59	0.66	-21.71		
LAB*TCa	25.01	21.73	271.75		
relative CIELAB lab*					
lab*lab	0.167	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	0.167	-0.01	-0.499		
lab*tce	0.25	0.5	0.746		
lab*nce	0.5	0.5	g98b		

relative Inform. Technology (IT)					
olvi3*	0.0	0.657	1.0	(1.0)	
cmyn3*	1.0	0.343	0.0	(0.0)	
olvi4*	0.0	0.657	1.0	1.0	
cmyn4*	1.0	0.343	0.0	0.0	
standard and adapted CIELAB					
LAB*LAB	34.92	0.17	-46.28		
LAB*LABa	34.92	1.32	-43.42		
LAB*TCa	50.0	43.45	271.73		
relative CIELAB lab*					
lab*lab	0.334	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	0.334	-0.022	-0.999		
lab*tce	0.5	1.0	0.746		
lab*nce	0.0	1.0	g98b		

relative Inform. Technology (IT)					
olvi3*	0.0	0.328	0.5	(1.0)	
cmyn3*	1.0	0.672	0.5	(0.0)	
olvi4*	0.5	0.828	1.0	0.5	
cmyn4*	0.5	0.172	0.0	0.5	
standard and adapted CIELAB					
LAB*LAB	20.59	-0.72	-24.0		
LAB*LABa	20.59	0.66	-21.71		
LAB*TCa	25.01	21.73	271.75		
relative CIELAB lab*					
lab*lab	0.167	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	0.167	-0.01	-0.499		
lab*tce	0.25	0.5	0.746		
lab*nce	0.5	0.5	g98b		

relative Inform. Technology (IT)				
olvi3*	0.0	0.657	1.0	(1.0)
cmyn3*	1.0	0.343	0.0	(0.0)
olvi4*	0.0	0.657	1.0	1.0
cmyn4*	1.0	0.343	0.0	0.0
standard and adapted CIELAB				
LAB*LAB	34.92	0.17	-46.28	
LAB*LABa	34.92	1.32	-43.42	
LAB*TCa	50.0	43.45	271.73	
relative CIELAB lab*				
lab*lab	0.334	0.03	-0.998	
lab*tcch	0.5	1.0	0.755	
lab*nch	0.0	1.0	0.755	
relative Natural Colour (NC)				
lab*lrj	0.334	-0.022	-0.999	
lab*acc	0.5	1.0	0.746	
lab*ucf	0.0	1.0	0.998	