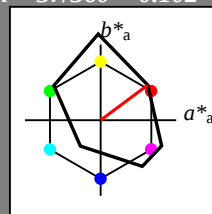


Eingabe: Farbmétrisches Drucker-Reflektiv-System FRS06

für Buntton $h^* = lab^*h = 37/360 = 0.102$
 lab^*ch und lab^*nch

D65: Buntton O
LCH*Ma: 33 78 37
olv*Ma: 1.0 0.0 0.0

Dreiecks-Helligkeit t^*



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

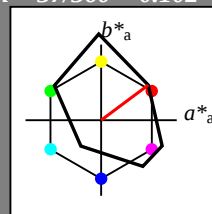
FRS06; adaptierte CIELAB-Daten					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	32.57	62.32	46.49	77.75	37
Y _{Ma}	82.73	-3.16	113.99	114.03	92
L _{Ma}	39.43	-61.79	45.84	76.95	143
C _{Ma}	47.86	-26.79	-34.24	43.49	232
V _{Ma}	10.16	55.12	-61.03	82.24	312
M _{Ma}	34.5	80.68	-33.92	87.52	337
N _{Ma}	6.25	0.0	0.0	0.0	0
W _{Ma}	91.97	0.0	0.0	0.0	0
R _{CIE}	39.92	59.8	31.05	67.38	27
J _{CIE}	81.26	-2.52	76.25	76.29	92
G _{CIE}	52.23	-41.56	17.14	44.96	158
B _{CIE}	30.57	2.63	-43.77	43.86	273

Ausgabe: Farbmétrisches Drucker-Reflektiv-System FRS06

für Buntton $h^* = lab^*h = 37/360 = 0.102$
 lab^*ch und lab^*nch

D65: Buntton O
LCH*Ma: 33 78 37
olv*Ma: 1.0 0.0 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	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	32.57	62.32	46.49	77.75	37
Y _{Ma}	82.73	-3.16	113.99	114.03	92
L _{Ma}	39.43	-61.79	45.84	76.95	143
C _{Ma}	47.86	-26.79	-34.24	43.49	232
V _{Ma}	10.16	55.12	-61.03	82.24	312
M _{Ma}	34.5	80.68	-33.92	87.52	337
N _{Ma}	6.25	0.0	0.0	0.0	0
W _{Ma}	91.97	0.0	0.0	0.0	0
R _{CIE}	39.92	59.8	31.05	67.38	27
J _{CIE}	81.26	-2.52	76.25	76.29	92
G _{CIE}	52.23	-41.56	17.14	44.96	158
B _{CIE}	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*	1.0	0.5	0.5	(1.0)	
cmyn3*	0.0	0.5	0.5	(0.0)	
olvi4*	1.0	0.5	0.5	1.0	
cmyn4*	0.0	0.5	0.5	0.0	
standard and adapted CIELAB					
LAB*LAB	62.27	30.47	19.3		
LAB*LABa	62.27	31.16	23.24		
LAB*TCa	75.0	38.87	36.72		
relative CIELAB lab*					
lab*lab	0.653	0.401	0.299		
lab*tch	0.75	0.5	0.102		
lab*nch	0.0	0.5	0.102		
relative Natural Colour (NC)					
lab*lrj	0.653	0.487	0.112		
lab*tce	0.75	0.5	0.036		
lab*nce	0.0	0.5	r14j		

relative Inform. Technology (IT)					
olvi3*	1.0	0.0	0.0	(1.0)	
cmyn3*	0.0	1.0	1.0	(0.0)	
olvi4*	1.0	0.0	0.0	1.0	
cmyn4*	0.0	1.0	1.0	0.0	
standard and adapted CIELAB					
LAB*LAB	32.57	61.13	43.71		
LAB*LABa	32.57	62.31	46.48		
LAB*TCa	50.0	77.74	36.72		
relative CIELAB lab*					
lab*lab	0.307	0.801	0.598		
lab*tch	0.5	1.0	0.102		
lab*nch	0.0	1.0	0.102		
relative Natural Colour (NC)					
lab*lrj	0.307	0.974	0.224		
lab*tce	0.5	1.0	0.036		
lab*nce	0.0	1.0	r14j		

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*	0.5	0.0	0.0	(1.0)	
cmyn3*	0.5	1.0	1.0	(0.0)	
olvi4*	1.0	0.5	0.5	0.5	
cmyn4*	0.0	0.5	0.5	0.5	
standard and adapted CIELAB					
LAB*LAB	19.42	29.75	20.99		
LAB*LABa	19.42	31.16	23.24		
LAB*TCa	25.01	38.87	36.72		
relative CIELAB lab*					
lab*lab	0.154	0.401	0.299		
lab*tch	0.25	0.5	0.102		
lab*nch	0.5	0.5	0.102		
relative Natural Colour (NC)					
lab*lrj	0.154	0.487	0.112		
lab*tce	0.25	0.5	0.036		
lab*nce	0.5	0.5	r14j		

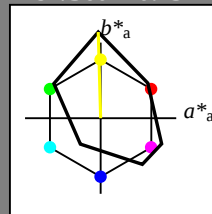
relative Inform. Technology (IT)					
olvi3*	1.0	0.0	0.0	(1.0)	
cmyn3*	0.0	1.0	1.0	(0.0)	
olvi4*	1.0	0.0	0.0	1.0	
cmyn4*	0.0	1.0	1.0	0.0	
standard and adapted CIELAB					
LAB*LAB	32.57	61.13	43.71		
LAB*LABa	32.57	62.31	46.48		
LAB*TCa	50.0	77.74	36.72		
relative CIELAB lab*					
lab*lab	0.307	0.801	0.598		
lab*tch	0.5	1.0	0.102		
lab*nch	0.0	1.0	0.102		
relative Natural Colour (NC)					
lab*lrj	0.307	0.974	0.224		
lab*tce	0.5	1.0	0.036		
lab*nce	0.0	1.0	r14j		

Eingabe: Farbmimetrisches Drucker-Reflektiv-System FRS06

für Buntton $h^* = lab^*h = 92/360 = 0.254$
 lab^*ch und lab^*nch

D65: Buntton Y
LCH*Ma: 83 114 92
olv*Ma: 1.0 1.0 0.0

Dreiecks-Helligkeit t^*



%Umfang

$u^*_{rel} = 115$

%Regularität

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

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

FRS06; adaptierte CIELAB-Daten

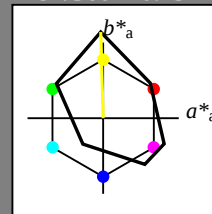
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	32.57	62.32	46.49	77.75	37
Y _{Ma}	82.73	-3.16	113.99	114.03	92
L _{Ma}	39.43	-61.79	45.84	76.95	143
C _{Ma}	47.86	-26.79	-34.24	43.49	232
V _{Ma}	10.16	55.12	-61.03	82.24	312
M _{Ma}	34.5	80.68	-33.92	87.52	337
N _{Ma}	6.25	0.0	0.0	0.0	0
W _{Ma}	91.97	0.0	0.0	0.0	0
R _{CIE}	39.92	59.8	31.05	67.38	27
J _{CIE}	81.26	-2.52	76.25	76.29	92
G _{CIE}	52.23	-41.56	17.14	44.96	158
B _{CIE}	30.57	2.63	-43.77	43.86	273

Ausgabe: Farbmimetrisches Drucker-Reflektiv-System FRS06

für Buntton $h^* = lab^*h = 92/360 = 0.254$
 lab^*ch und lab^*nch

D65: Buntton Y
LCH*Ma: 83 114 92
olv*Ma: 1.0 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	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	32.57	62.32	46.49	77.75	37
Y _{Ma}	82.73	-3.16	113.99	114.03	92
L _{Ma}	39.43	-61.79	45.84	76.95	143
C _{Ma}	47.86	-26.79	-34.24	43.49	232
V _{Ma}	10.16	55.12	-61.03	82.24	312
M _{Ma}	34.5	80.68	-33.92	87.52	337
N _{Ma}	6.25	0.0	0.0	0.0	0
W _{Ma}	91.97	0.0	0.0	0.0	0
R _{CIE}	39.92	59.8	31.05	67.38	27
J _{CIE}	81.26	-2.52	76.25	76.29	92
G _{CIE}	52.23	-41.56	17.14	44.96	158
B _{CIE}	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 1.0 0.5 (1.0)
cmyn3* 0.0 0.0 0.5 (0.0)
olvi4* 1.0 1.0 0.5 1.0
cmyn4* 0.0 0.0 0.5 0.0

standard and adapted CIELAB
LAB*LAB 87.34 -1.83 52.05
LAB*LABa 87.34 -1.58 56.98
LAB*TCHa 75.0 57.0 91.59

relative CIELAB lab*
lab*lab 0.946 -0.013 0.5
lab*tch 0.75 0.5 0.254
lab*nch 0.0 0.5 0.254

relative Natural Colour (NC)
lab*lrj 0.946 0.004 0.5
lab*tce 0.75 0.5 0.249
lab*nce 0.0 0.5 r99j

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

standard and adapted CIELAB
LAB*LAB 44.49 -2.56 53.74
LAB*LABa 44.49 -1.58 56.98
LAB*TCHa 25.01 57.0 91.59

relative CIELAB lab*
lab*lab 0.446 -0.013 0.5
lab*tch 0.25 0.5 0.254
lab*nch 0.5 0.5 0.254

relative Natural Colour (NC)
lab*lrj 0.446 0.004 0.5
lab*tce 0.25 0.5 0.249
lab*nce 0.5 0.5 r99j

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

standard and adapted CIELAB
LAB*LAB 82.72 -3.5 109.22
LAB*LABa 82.72 -3.16 113.96
LAB*TCHa 50.0 114.01 91.59

relative CIELAB lab*
lab*lab 0.892 -0.027 0.999
lab*tch 0.5 1.0 0.254
lab*nch 0.0 1.0 0.254

relative Natural Colour (NC)
lab*lrj 0.892 0.007 1.0
lab*tce 0.5 1.0 0.249
lab*nce 0.0 1.0 r99j

relative Buntheit c^*
0,25 0,50 $n^* = 0,50$ 0,75 1,00
 $n^* = 0,00$

Schwarzheit n^*

relative Buntheit c^*
0,25 0,50 $n^* = 0,50$ 0,75 1,00
 $n^* = 0,00$

Schwarzheit n^*

VG200-7, 3 stufige Reihen für konstanten CIELAB Buntton 92/360 = 0.254 (links)

3 stufige Reihen für konstanten CIELAB Buntton 92/360 = 0.254 (rechts)

BAM-Prüfvorlage VG20; Farbmimetrik-Systeme FRS06 & FRS06 input: olv* setrgbcolor

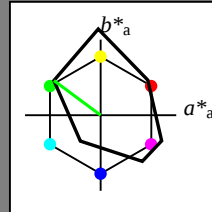
D65: 3stufige Farbreihen und Koordinatendaten für 10 Bunttöne output: no change compared to input

Eingabe: Farbmétrisches Drucker-Reflektiv-System FRS06

für Buntton $h^* = lab^*h = 143/360 = 0.398$
 lab^*ch und lab^*nch

D65: Buntton L
LCH*Ma: 39 77 143
olv*Ma: 0.0 1.0 0.0

Dreiecks-Helligkeit t^*



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

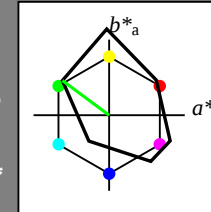
FRS06; adaptierte CIELAB-Daten					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	32.57	62.32	46.49	77.75	37
Y _{Ma}	82.73	-3.16	113.99	114.03	92
L _{Ma}	39.43	-61.79	45.84	76.95	143
C _{Ma}	47.86	-26.79	-34.24	43.49	232
V _{Ma}	10.16	55.12	-61.03	82.24	312
M _{Ma}	34.5	80.68	-33.92	87.52	337
N _{Ma}	6.25	0.0	0.0	0.0	0
W _{Ma}	91.97	0.0	0.0	0.0	0
R _{CIE}	39.92	59.8	31.05	67.38	27
J _{CIE}	81.26	-2.52	76.25	76.29	92
G _{CIE}	52.23	-41.56	17.14	44.96	158
B _{CIE}	30.57	2.63	-43.77	43.86	273

Ausgabe: Farbmétrisches Drucker-Reflektiv-System FRS06

für Buntton $h^* = lab^*h = 143/360 = 0.398$
 lab^*ch und lab^*nch

D65: Buntton L
LCH*Ma: 39 77 143
olv*Ma: 0.0 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	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	32.57	62.32	46.49	77.75	37
Y _{Ma}	82.73	-3.16	113.99	114.03	92
L _{Ma}	39.43	-61.79	45.84	76.95	143
C _{Ma}	47.86	-26.79	-34.24	43.49	232
V _{Ma}	10.16	55.12	-61.03	82.24	312
M _{Ma}	34.5	80.68	-33.92	87.52	337
N _{Ma}	6.25	0.0	0.0	0.0	0
W _{Ma}	91.97	0.0	0.0	0.0	0
R _{CIE}	39.92	59.8	31.05	67.38	27
J _{CIE}	81.26	-2.52	76.25	76.29	92
G _{CIE}	52.23	-41.56	17.14	44.96	158
B _{CIE}	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*ch 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*TCa 50.0 0.01 -
relative CIELAB lab*
lab*lab 0.5 0.0 0.0
lab*ch 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*ch 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 0.5 (1.0)
cmyn3* 0.5 0.0 0.5 (0.0)
olvi4* 0.5 1.0 0.5 1.0
cmyn4* 0.5 0.0 0.5 0.0
standard and adapted CIELAB
LAB*LAB 65.7 -31.51 18.84
LAB*LABa 65.7 -30.88 22.91
LAB*TCa 75.0 38.46 143.44
relative CIELAB lab*
lab*lab 0.693 -0.401 0.298
lab*ch 0.75 0.5 0.398
lab*nch 0.0 0.5 0.398
relative Natural Colour (NC)
lab*lrj 0.693 -0.471 0.166
lab*tce 0.75 0.5 0.446
lab*nce 0.0 0.5 178g

relative Inform. Technology (IT)
olvi3* 0.0 0.5 0.0 (1.0)
cmyn3* 1.0 0.5 1.0 (0.0)
olvi4* 0.5 1.0 0.5 0.5
cmyn4* 0.5 0.0 0.5 0.5
standard and adapted CIELAB
LAB*LAB 22.85 -32.23 20.53
LAB*LABa 22.85 -30.88 22.91
LAB*TCa 25.01 38.46 143.44
relative CIELAB lab*
lab*lab 0.194 -0.401 0.298
lab*ch 0.25 0.5 0.398
lab*nch 0.5 0.5 0.398
relative Natural Colour (NC)
lab*lrj 0.194 -0.471 0.166
lab*tce 0.25 0.5 0.446
lab*nce 0.5 0.5 178g

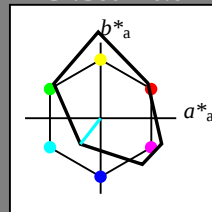
relative Inform. Technology (IT)
olvi3* 0.0 1.0 0.0 (1.0)
cmyn3* 1.0 0.0 1.0 (0.0)
olvi4* 0.0 1.0 0.0 1.0
cmyn4* 1.0 0.0 1.0 0.0
standard and adapted CIELAB
LAB*LAB 39.43 -62.85 42.79
LAB*LABa 39.43 -61.78 45.83
LAB*TCa 50.0 76.93 143.44
relative CIELAB lab*
lab*lab 0.387 -0.802 0.596
lab*ch 0.5 1.0 0.398
lab*nch 0.0 1.0 0.398
relative Natural Colour (NC)
lab*lrj 0.387 -0.942 0.332
lab*tce 0.5 1.0 0.446
lab*nce 0.0 1.0 178g

Eingabe: Farbmétrisches Drucker-Reflektiv-System FRS06

für Buntton $h^* = lab^*h = 232/360 = 0.644$
 lab^*ch und lab^*nch

D65: Buntton C
LCH*Ma: 48 43 232
olv*Ma: 0.0 1.0 1.0

Dreiecks-Helligkeit t^*



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

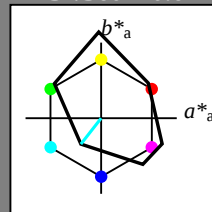
FRS06; adaptierte CIELAB-Daten					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	32.57	62.32	46.49	77.75	37
Y _{Ma}	82.73	-3.16	113.99	114.03	92
L _{Ma}	39.43	-61.79	45.84	76.95	143
C _{Ma}	47.86	-26.79	-34.24	43.49	232
V _{Ma}	10.16	55.12	-61.03	82.24	312
M _{Ma}	34.5	80.68	-33.92	87.52	337
N _{Ma}	6.25	0.0	0.0	0.0	0
W _{Ma}	91.97	0.0	0.0	0.0	0
R _{CIE}	39.92	59.8	31.05	67.38	27
J _{CIE}	81.26	-2.52	76.25	76.29	92
G _{CIE}	52.23	-41.56	17.14	44.96	158
B _{CIE}	30.57	2.63	-43.77	43.86	273

Ausgabe: Farbmétrisches Drucker-Reflektiv-System FRS06

für Buntton $h^* = lab^*h = 232/360 = 0.644$
 lab^*ch und lab^*nch

D65: Buntton C
LCH*Ma: 48 43 232
olv*Ma: 0.0 1.0 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	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	32.57	62.32	46.49	77.75	37
Y _{Ma}	82.73	-3.16	113.99	114.03	92
L _{Ma}	39.43	-61.79	45.84	76.95	143
C _{Ma}	47.86	-26.79	-34.24	43.49	232
V _{Ma}	10.16	55.12	-61.03	82.24	312
M _{Ma}	34.5	80.68	-33.92	87.52	337
N _{Ma}	6.25	0.0	0.0	0.0	0
W _{Ma}	91.97	0.0	0.0	0.0	0
R _{CIE}	39.92	59.8	31.05	67.38	27
J _{CIE}	81.26	-2.52	76.25	76.29	92
G _{CIE}	52.23	-41.56	17.14	44.96	158
B _{CIE}	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	1.0	1.0	(1.0)	
cmyn3*	0.5	0.0	0.0	(0.0)	
olvi4*	0.5	1.0	1.0	1.0	
cmyn4*	0.5	0.0	0.0	0.0	
standard and adapted CIELAB					
LAB*LAB	69.91	-13.94	-21.35		
LAB*LABa	69.91	-13.39	-17.11		
LAB*TCa	75.0	21.74	231.95		
relative CIELAB lab*					
lab*lab	0.743	-0.307	-0.393		
lab*tch	0.75	0.5	0.644		
lab*nch	0.0	0.5	0.644		
relative Natural Colour (NC)					
lab*lrj	0.743	-0.266	-0.422		
lab*tce	0.75	0.5	0.66		
lab*nce	0.0	0.5	g64b		

relative Inform. Technology (IT)					
olvi3*	0.0	1.0	1.0	(1.0)	
cmyn3*	1.0	0.0	0.0	(0.0)	
olvi4*	0.0	1.0	1.0	1.0	
cmyn4*	1.0	0.0	0.0	0.0	
standard and adapted CIELAB					
LAB*LAB	47.86	-27.71	-37.6		
LAB*LABa	47.86	-26.79	-34.23		
LAB*TCa	50.0	43.48	231.95		
relative CIELAB lab*					
lab*lab	0.485	-0.615	-0.786		
lab*tch	0.5	1.0	0.644		
lab*nch	0.0	1.0	0.644		
relative Natural Colour (NC)					
lab*lrj	0.485	-0.532	-0.845		
lab*tce	0.5	1.0	0.66		
lab*nce	0.0	1.0	g64b		

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	0.5	0.5	(1.0)	
cmyn3*	1.0	0.5	0.5	(0.0)	
olvi4*	0.5	1.0	1.0	0.5	
cmyn4*	0.5	0.0	0.0	0.5	
standard and adapted CIELAB					
LAB*LAB	27.06	-14.67	-19.66		
LAB*LABa	27.06	-13.39	-17.11		
LAB*TCa	25.01	21.74	231.95		
relative CIELAB lab*					
lab*lab	0.243	-0.307	-0.393		
lab*tch	0.25	0.5	0.644		
lab*nch	0.5	0.5	0.644		
relative Natural Colour (NC)					
lab*lrj	0.243	-0.266	-0.422		
lab*tce	0.25	0.5	0.66		
lab*nce	0.5	0.5	g64b		

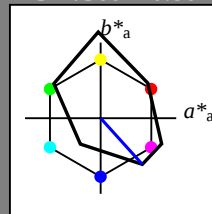
relative Inform. Technology (IT)					
olvi3*	0.0	1.0	1.0	(1.0)	
cmyn3*	1.0	0.0	0.0	(0.0)	
olvi4*	0.0	1.0	1.0	1.0	
cmyn4*	1.0	0.0	0.0	0.0	
standard and adapted CIELAB					
LAB*LAB	47.86	-27.71	-37.6		
LAB*LABa	47.86	-26.79	-34.23		
LAB*TCa	50.0	43.48	231.95		
relative CIELAB lab*					
lab*lab	0.485	-0.615	-0.786		
lab*tch	0.5	1.0	0.644		
lab*nch	0.0	1.0	0.644		
relative Natural Colour (NC)					
lab*lrj	0.485	-0.532	-0.845		
lab*tce	0.5	1.0	0.66		
lab*nce	0.0	1.0	g64b		

Eingabe: Farbmétrisches Drucker-Reflektiv-System FRS06

für Buntton $h^* = lab^*h = 312/360 = 0.867$
 lab^*ch und lab^*nch

D65: Buntton V
LCH*Ma: 10 82 312
olv*Ma: 0.0 0.0 1.0

Dreiecks-Helligkeit t^*



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

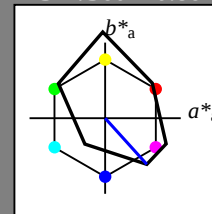
FRS06; adaptierte CIELAB-Daten					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	32.57	62.32	46.49	77.75	37
Y _{Ma}	82.73	-3.16	113.99	114.03	92
L _{Ma}	39.43	-61.79	45.84	76.95	143
C _{Ma}	47.86	-26.79	-34.24	43.49	232
V _{Ma}	10.16	55.12	-61.03	82.24	312
M _{Ma}	34.5	80.68	-33.92	87.52	337
N _{Ma}	6.25	0.0	0.0	0.0	0
W _{Ma}	91.97	0.0	0.0	0.0	0
R _{CIE}	39.92	59.8	31.05	67.38	27
J _{CIE}	81.26	-2.52	76.25	76.29	92
G _{CIE}	52.23	-41.56	17.14	44.96	158
B _{CIE}	30.57	2.63	-43.77	43.86	273

Ausgabe: Farbmétrisches Drucker-Reflektiv-System FRS06

für Buntton $h^* = lab^*h = 312/360 = 0.867$
 lab^*ch und lab^*nch

D65: Buntton V
LCH*Ma: 10 82 312
olv*Ma: 0.0 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	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	32.57	62.32	46.49	77.75	37
Y _{Ma}	82.73	-3.16	113.99	114.03	92
L _{Ma}	39.43	-61.79	45.84	76.95	143
C _{Ma}	47.86	-26.79	-34.24	43.49	232
V _{Ma}	10.16	55.12	-61.03	82.24	312
M _{Ma}	34.5	80.68	-33.92	87.52	337
N _{Ma}	6.25	0.0	0.0	0.0	0
W _{Ma}	91.97	0.0	0.0	0.0	0
R _{CIE}	39.92	59.8	31.05	67.38	27
J _{CIE}	81.26	-2.52	76.25	76.29	92
G _{CIE}	52.23	-41.56	17.14	44.96	158
B _{CIE}	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	0.5	1.0	(1.0)	
cmyn3*	0.5	0.5	0.0	(0.0)	
olvi4*	0.5	0.5	1.0	1.0	
cmyn4*	0.5	0.5	0.0	0.0	
standard and adapted CIELAB					
LAB*LAB	51.06	26.68	-34.0		
LAB*LABa	51.06	27.56	-30.5		
LAB*TCa	75.0	41.11	312.09		
relative CIELAB lab*					
lab*lab	0.523	0.335	-0.37		
lab*tch	0.75	0.5	0.867		
lab*nch	0.0	0.5	0.867		
relative Natural Colour (NC)					
lab*lrj	0.523	0.254	-0.43		
lab*tce	0.75	0.5	0.835		
lab*nce	0.0	0.5	b33r		

relative Inform. Technology (IT)					
olvi3*	0.0	0.0	1.0	(1.0)	
cmyn3*	1.0	1.0	0.0	(0.0)	
olvi4*	0.0	0.0	1.0	1.0	
cmyn4*	1.0	1.0	0.0	0.0	
standard and adapted CIELAB					
LAB*LAB	10.17	53.55	-62.9		
LAB*LABa	10.17	55.11	-61.01		
LAB*TCa	50.0	82.23	312.09		
relative CIELAB lab*					
lab*lab	0.046	0.67	-0.741		
lab*tch	0.5	1.0	0.867		
lab*nch	0.0	1.0	0.867		
relative Natural Colour (NC)					
lab*lrj	0.046	0.508	-0.86		
lab*tce	0.5	1.0	0.835		
lab*nce	0.0	1.0	b33r		

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	0.0	0.5	(1.0)	
cmyn3*	1.0	1.0	0.5	(0.0)	
olvi4*	0.5	0.5	1.0	0.5	
cmyn4*	0.5	0.5	0.0	0.5	
standard and adapted CIELAB					
LAB*LAB	8.21	25.96	-32.31		
LAB*LABa	8.21	27.56	-30.5		
LAB*TCa	25.01	41.11	312.09		
relative CIELAB lab*					
lab*lab	0.023	0.335	-0.37		
lab*tch	0.25	0.5	0.867		
lab*nch	0.5	0.5	0.867		
relative Natural Colour (NC)					
lab*lrj	0.023	0.254	-0.43		
lab*tce	0.25	0.5	0.835		
lab*nce	0.5	0.5	b33r		

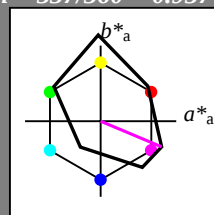
relative Inform. Technology (IT)					
olvi3*	0.0	0.0	1.0	(1.0)	
cmyn3*	1.0	1.0	0.0	(0.0)	
olvi4*	0.0	0.0	1.0	1.0	
cmyn4*	1.0	1.0	0.0	0.0	
standard and adapted CIELAB					
LAB*LAB	10.17	53.55	-62.9		
LAB*LABa	10.17	55.11	-61.01		
LAB*TCa	50.0	82.23	312.09		
relative CIELAB lab*					
lab*lab	0.046	0.67	-0.741		
lab*tch	0.5	1.0	0.867		
lab*nch	0.0	1.0	0.867		
relative Natural Colour (NC)					
lab*lrj	0.046	0.508	-0.86		
lab*tce	0.5	1.0	0.835		
lab*nce	0.0	1.0	b33r		

Eingabe: Farbmétrisches Drucker-Reflektiv-System FRS06

für Buntton $h^* = lab^*h = 337/360 = 0.937$
 lab^*ch und lab^*nch

D65: Buntton M
LCH*Ma: 35 88 337
olv*Ma: 1.0 0.0 1.0

Dreiecks-Helligkeit t^*



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

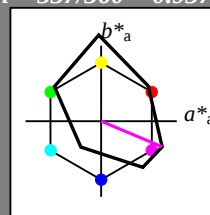
FRS06; adaptierte CIELAB-Daten					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	32.57	62.32	46.49	77.75	37
Y _{Ma}	82.73	-3.16	113.99	114.03	92
L _{Ma}	39.43	-61.79	45.84	76.95	143
C _{Ma}	47.86	-26.79	-34.24	43.49	232
V _{Ma}	10.16	55.12	-61.03	82.24	312
M _{Ma}	34.5	80.68	-33.92	87.52	337
N _{Ma}	6.25	0.0	0.0	0.0	0
W _{Ma}	91.97	0.0	0.0	0.0	0
R _{CIE}	39.92	59.8	31.05	67.38	27
J _{CIE}	81.26	-2.52	76.25	76.29	92
G _{CIE}	52.23	-41.56	17.14	44.96	158
B _{CIE}	30.57	2.63	-43.77	43.86	273

Ausgabe: Farbmétrisches Drucker-Reflektiv-System FRS06

für Buntton $h^* = lab^*h = 337/360 = 0.937$
 lab^*ch und lab^*nch

D65: Buntton M
LCH*Ma: 35 88 337
olv*Ma: 1.0 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	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	32.57	62.32	46.49	77.75	37
Y _{Ma}	82.73	-3.16	113.99	114.03	92
L _{Ma}	39.43	-61.79	45.84	76.95	143
C _{Ma}	47.86	-26.79	-34.24	43.49	232
V _{Ma}	10.16	55.12	-61.03	82.24	312
M _{Ma}	34.5	80.68	-33.92	87.52	337
N _{Ma}	6.25	0.0	0.0	0.0	0
W _{Ma}	91.97	0.0	0.0	0.0	0
R _{CIE}	39.92	59.8	31.05	67.38	27
J _{CIE}	81.26	-2.52	76.25	76.29	92
G _{CIE}	52.23	-41.56	17.14	44.96	158
B _{CIE}	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	1.0	(1.0)
cmyn3*	0.0	0.5	0.0	(0.0)
olvi4*	1.0	0.5	1.0	1.0
cmyn4*	0.0	0.5	0.0	0.0
standard and adapted CIELAB				
LAB*LAB	63.23	39.67	-20.93	
LAB*LABa	63.23	40.33	-16.95	
LAB*TCHa	75.0	43.75	337.19	
relative CIELAB lab*				
lab*lab	0.665	0.461	-0.193	
lab*tch	0.75	0.5	0.937	
lab*nch	0.0	0.5	0.937	
relative Natural Colour (NC)				
lab*lrj	0.665	0.385	-0.318	
lab*tce	0.75	0.5	0.89	
lab*nce	0.0	0.5	b55r	

relative Inform. Technology (IT)				
olvi3*	1.0	0.0	1.0	(1.0)
cmyn3*	0.0	1.0	0.0	(0.0)
olvi4*	1.0	0.0	1.0	1.0
cmyn4*	0.0	1.0	0.0	0.0
standard and adapted CIELAB				
LAB*LAB	34.5	79.51	-36.75	
LAB*LABa	34.5	80.67	-33.91	
LAB*TCHa	50.0	87.51	337.19	
relative CIELAB lab*				
lab*lab	0.33	0.922	-0.387	
lab*tch	0.5	1.0	0.937	
lab*nch	0.0	1.0	0.937	
relative Natural Colour (NC)				
lab*lrj	0.33	0.77	-0.637	
lab*tce	0.5	1.0	0.89	
lab*nce	0.0	1.0	b55r	

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	0.5	(1.0)
cmyn3*	0.5	1.0	0.5	(0.0)
olvi4*	1.0	0.5	1.0	0.5
cmyn4*	0.0	0.5	0.0	0.5
standard and adapted CIELAB				
LAB*LAB	20.38	38.94	-19.24	
LAB*LABa	20.38	40.33	-16.95	
LAB*TCHa	25.01	43.75	337.19	
relative CIELAB lab*				
lab*lab	0.165	0.461	-0.193	
lab*tch	0.25	0.5	0.937	
lab*nch	0.5	0.5	0.937	
relative Natural Colour (NC)				
lab*lrj	0.165	0.385	-0.318	
lab*tce	0.25	0.5	0.89	
lab*nce	0.5	0.5	b55r	

relative Inform. Technology (IT)				
olvi3*	1.0	0.0	1.0	(1.0)
cmyn3*	0.0	1.0	0.0	(0.0)
olvi4*	1.0	0.0	1.0	1.0
cmyn4*	0.0	1.0	0.0	0.0
standard and adapted CIELAB				
LAB*LAB	34.5	79.51	-36.75	
LAB*LABa	34.5	80.67	-33.91	
LAB*TCHa	50.0	87.51	337.19	
relative CIELAB lab*				
lab*lab	0.33	0.922	-0.387	
lab*tch	0.5	1.0	0.937	
lab*nch	0.0	1.0	0.937	
relative Natural Colour (NC)				
lab*lrj	0.33	0.77	-0.637	
lab*tce	0.5	1.0	0.89	
lab*nce	0.0	1.0	b55r	

Schwarzheit n^*

relative Buntheit c^*

Schwarzheit n^*

relative Buntheit c^*

VG200-7, 3 stufige Reihen für konstanten CIELAB Buntton 337/360 = 0.937 (links)

3 stufige Reihen für konstanten CIELAB Buntton 337/360 = 0.937 (rechts)

BAM-Prüfvorlage VG20; Farbmétrik-Systeme FRS06 & FRS06 input: olv* setrgbcolor

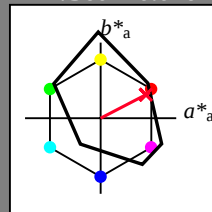
D65: 3stufige Farbreihen und Koordinatendaten für 10 Bunttöne output: no change compared to input

Eingabe: Farbmétrisches Drucker-Reflektiv-System FRS06

für Buntton $h^* = lab^*h = 27/360 = 0.076$
 lab^*ch und lab^*nch

D65: Buntton R
LCH*Ma: 33 73 27
olv*Ma: 1.0 0.0 0.16

Dreiecks-Helligkeit t^*



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

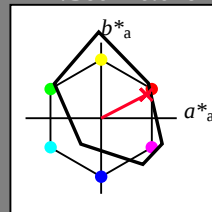
FRS06; adaptierte CIELAB-Daten					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	32.57	62.32	46.49	77.75	37
Y _{Ma}	82.73	-3.16	113.99	114.03	92
L _{Ma}	39.43	-61.79	45.84	76.95	143
C _{Ma}	47.86	-26.79	-34.24	43.49	232
V _{Ma}	10.16	55.12	-61.03	82.24	312
M _{Ma}	34.5	80.68	-33.92	87.52	337
N _{Ma}	6.25	0.0	0.0	0.0	0
W _{Ma}	91.97	0.0	0.0	0.0	0
R _{CIE}	39.92	59.8	31.05	67.38	27
J _{CIE}	81.26	-2.52	76.25	76.29	92
G _{CIE}	52.23	-41.56	17.14	44.96	158
B _{CIE}	30.57	2.63	-43.77	43.86	273

Ausgabe: Farbmétrisches Drucker-Reflektiv-System FRS06

für Buntton $h^* = lab^*h = 27/360 = 0.076$
 lab^*ch und lab^*nch

D65: Buntton R
LCH*Ma: 33 73 27
olv*Ma: 1.0 0.0 0.16

Dreiecks-Helligkeit t^*



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

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	0.5	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	-		

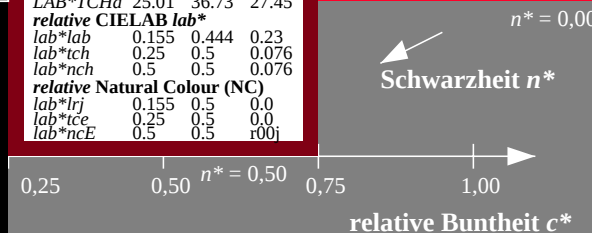
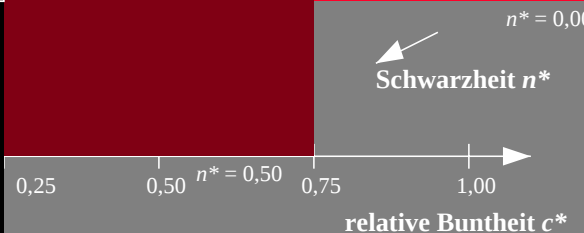
relative Inform. Technology (IT)					
olvi3*	0.0	0.0	0.0	(1.0)	
cmyn3*	1.0	1.0	1.0	(0.0)	
olvi4*	1.0	1.0	1.0	0.0	
cmyn4*	0.0	0.0	0.0	1.0	
standard and adapted CIELAB					
LAB*LAB	6.26	-1.62	-1.73		
LAB*LABa	6.26	0.0	0.0		
LAB*TCa	0.01	0.01	-		
relative CIELAB lab*					
lab*lab	0.0	0.0	0.0		
lab*tch	0.0	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	-		

FRS06; adaptierte CIELAB-Daten					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	32.57	62.32	46.49	77.75	37
Y _{Ma}	82.73	-3.16	113.99	114.03	92
L _{Ma}	39.43	-61.79	45.84	76.95	143
C _{Ma}	47.86	-26.79	-34.24	43.49	232
V _{Ma}	10.16	55.12	-61.03	82.24	312
M _{Ma}	34.5	80.68	-33.92	87.52	337
N _{Ma}	6.25	0.0	0.0	0.0	0
W _{Ma}	91.97	0.0	0.0	0.0	0
R _{CIE}	39.92	59.8	31.05	67.38	27
J _{CIE}	81.26	-2.52	76.25	76.29	92
G _{CIE}	52.23	-41.56	17.14	44.96	158
B _{CIE}	30.57	2.63	-43.77	43.86	273

relative Inform. Technology (IT)					
olvi3*	1.0	0.5	0.579	(1.0)	
cmyn3*	0.0	0.5	0.421	(0.0)	
olvi4*	1.0	0.5	0.579	1.0	
cmyn4*	0.0	0.5	0.421	0.0	
standard and adapted CIELAB					
LAB*LAB	62.42	31.92	12.98		
LAB*LABa	62.42	32.6	16.92		
LAB*TCa	75.0	36.73	27.44		
relative CIELAB lab*					
lab*lab	0.655	0.444	0.23		
lab*tch	0.75	0.5	0.076		
lab*nch	0.0	0.5	0.076		
relative Natural Colour (NC)					
lab*lrj	0.655	0.5	0.0		
lab*tce	0.75	0.5	1.0		
lab*nce	0.0	0.5	0.99r		

relative Inform. Technology (IT)					
olvi3*	0.5	0.0	0.079	(1.0)	
cmyn3*	0.5	1.0	0.921	(0.0)	
olvi4*	1.0	0.5	0.579	0.5	
cmyn4*	0.0	0.5	0.421	0.5	
standard and adapted CIELAB					
LAB*LAB	19.57	31.19	14.68		
LAB*LABa	19.57	32.6	16.93		
LAB*TCa	25.01	36.73	27.45		
relative CIELAB lab*					
lab*lab	0.155	0.444	0.23		
lab*tch	0.25	0.5	0.076		
lab*nch	0.5	0.5	0.076		
relative Natural Colour (NC)					
lab*lrj	0.155	0.5	0.0		
lab*tce	0.25	0.5	0.0		
lab*nce	0.5	0.5	0.00j		

relative Inform. Technology (IT)					
olvi3*	1.0	0.0	0.157	(1.0)	
cmyn3*	0.0	1.0	0.843	(0.0)	
olvi4*	1.0	0.0	0.157	1.0	
cmyn4*	0.0	1.0	0.843	0.0	
standard and adapted CIELAB					
LAB*LAB	32.88	64.01	31.07		
LAB*LABa	32.88	65.19	33.85		
LAB*TCa	50.0	73.46	27.44		
relative CIELAB lab*					
lab*lab	0.311	0.887	0.461		
lab*tch	0.5	1.0	0.076		
lab*nch	0.0	1.0	0.076		
relative Natural Colour (NC)					
lab*lrj	0.311	1.0	0.0		
lab*tce	0.5	1.0	0.0		
lab*nce	0.0	1.0	0.00j		



VG200-7, 3 stufige Reihen für konstanten CIELAB Buntton 27/360 = 0.076 (links)

3 stufige Reihen für konstanten CIELAB Buntton 27/360 = 0.076 (rechts)

BAM-Prüfvorlage VG20; Farbmétrik-Systeme FRS06 & FRS06 input: olv* setrgbcolor

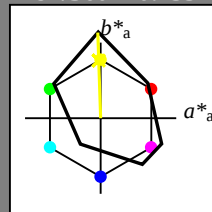
D65: 3stufige Farbreihen und Koordinatendaten für 10 Bunttöne output: no change compared to input

Eingabe: Farbmétrisches Drucker-Reflektiv-System FRS06

für Buntton $h^* = lab^*h = 92/360 = 0.255$
 lab^*ch 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
 $g^*_{H,rel} = 28$
 $g^*_{C,rel} = 38$

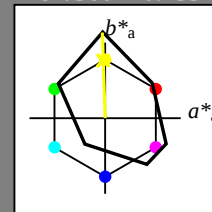
FRS06; adaptierte CIELAB-Daten					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	32.57	62.32	46.49	77.75	37
Y _{Ma}	82.73	-3.16	113.99	114.03	92
L _{Ma}	39.43	-61.79	45.84	76.95	143
C _{Ma}	47.86	-26.79	-34.24	43.49	232
V _{Ma}	10.16	55.12	-61.03	82.24	312
M _{Ma}	34.5	80.68	-33.92	87.52	337
N _{Ma}	6.25	0.0	0.0	0.0	0
W _{Ma}	91.97	0.0	0.0	0.0	0
R _{CIE}	39.92	59.8	31.05	67.38	27
J _{CIE}	81.26	-2.52	76.25	76.29	92
G _{CIE}	52.23	-41.56	17.14	44.96	158
B _{CIE}	30.57	2.63	-43.77	43.86	273

Ausgabe: Farbmétrisches Drucker-Reflektiv-System FRS06

für Buntton $h^* = lab^*h = 92/360 = 0.255$
 lab^*ch 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	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	32.57	62.32	46.49	77.75	37
Y _{Ma}	82.73	-3.16	113.99	114.03	92
L _{Ma}	39.43	-61.79	45.84	76.95	143
C _{Ma}	47.86	-26.79	-34.24	43.49	232
V _{Ma}	10.16	55.12	-61.03	82.24	312
M _{Ma}	34.5	80.68	-33.92	87.52	337
N _{Ma}	6.25	0.0	0.0	0.0	0
W _{Ma}	91.97	0.0	0.0	0.0	0
R _{CIE}	39.92	59.8	31.05	67.38	27
J _{CIE}	81.26	-2.52	76.25	76.29	92
G _{CIE}	52.23	-41.56	17.14	44.96	158
B _{CIE}	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* 0.995 1.0 0.5 (1.0)
cmyn3* 0.005 0.0 0.5 (0.0)
olvi4* 0.995 1.0 0.5 1.0
cmyn4* 0.005 0.0 0.5 0.0
standard and adapted CIELAB
LAB*LAB 87.13 -2.12 51.73
LAB*LABa 87.13 -1.86 56.65
LAB*TCa 75.0 56.68 91.89
relative CIELAB lab*
lab*lab 0.944 -0.016 0.5
lab*tch 0.75 0.5 0.255
lab*nch 0.0 0.5 0.255
relative Natural Colour (NC)
lab*lrj 0.944 0.0 0.5
lab*tce 0.75 0.5 0.25
lab*nce 0.0 0.5 r99j

relative Inform. Technology (IT)
olvi3* 0.99 1.0 0.0 (1.0)
cmyn3* 0.01 0.0 1.0 (0.0)
olvi4* 0.99 1.0 0.0 1.0
cmyn4* 0.01 0.0 1.0 0.0
standard and adapted CIELAB
LAB*LAB 82.3 -4.09 108.56
LAB*LABa 82.3 -3.74 113.29
LAB*TCa 50.0 113.35 91.9
relative CIELAB lab*
lab*lab 0.887 -0.032 0.999
lab*tch 0.5 1.0 0.255
lab*nch 0.0 1.0 0.255
relative Natural Colour (NC)
lab*lrj 0.887 0.0 1.0
lab*tce 0.5 1.0 0.25
lab*nce 0.0 1.0 r99j

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* 0.495 0.5 0.0 (1.0)
cmyn3* 0.505 0.5 1.0 (0.0)
olvi4* 0.995 1.0 0.5 0.5
cmyn4* 0.005 0.0 0.5 0.5
standard and adapted CIELAB
LAB*LAB 44.28 -2.86 53.41
LAB*LABa 44.28 -1.87 56.64
LAB*TCa 25.01 56.67 91.9
relative CIELAB lab*
lab*lab 0.444 -0.016 0.5
lab*tch 0.25 0.5 0.255
lab*nch 0.5 0.5 0.255
relative Natural Colour (NC)
lab*lrj 0.444 0.0 0.5
lab*tce 0.25 0.5 0.25
lab*nce 0.5 0.5 100g

relative Inform. Technology (IT)
olvi3* 0.495 0.5 0.0 (1.0)
cmyn3* 0.505 0.5 1.0 (0.0)
olvi4* 0.995 1.0 0.5 0.5
cmyn4* 0.005 0.0 0.5 0.5
standard and adapted CIELAB
LAB*LAB 44.28 -2.86 53.41
LAB*LABa 44.28 -1.87 56.64
LAB*TCa 25.01 56.67 91.9
relative CIELAB lab*
lab*lab 0.444 -0.016 0.5
lab*tch 0.25 0.5 0.255
lab*nch 0.5 0.5 0.255
relative Natural Colour (NC)
lab*lrj 0.444 0.0 0.5
lab*tce 0.25 0.5 0.25
lab*nce 0.5 0.5 100g

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 0.0 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 -

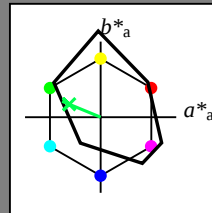
relative Inform. Technology (IT)
olvi3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 1.0 (0.0)
olvi4* 1.0 1.0 1.0 0.0
cmyn4* 0.0 0.0 0.0 1.0
standard and adapted CIELAB
LAB*LAB 6.26 -1.62 -1.73
LAB*LABa 6.26 0.0 0.0
LAB*TCa 0.01 0.01 -
relative CIELAB lab*
lab*lab 0.0 0.0 0.0
lab*tch 0.0 0.0 -
lab*nch 1.0 0.0 -
relative Natural Colour (NC)
lab*lrj 0.0 0.0 0.0
lab*tce 0.0 0.0 -
lab*nce 1.0 0.0 -

Eingabe: Farbmétrisches Drucker-Reflektiv-System FRS06

für Buntton $h^* = lab^*h = 158/360 = 0.438$
 lab^*ch und lab^*nch

D65: Buntton G
LCH*Ma: 42 55 158
olv*Ma: 0.0 1.0 0.31

Dreiecks-Helligkeit t^*



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

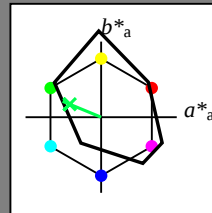
FRS06; adaptierte CIELAB-Daten					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	32.57	62.32	46.49	77.75	37
Y _{Ma}	82.73	-3.16	113.99	114.03	92
L _{Ma}	39.43	-61.79	45.84	76.95	143
C _{Ma}	47.86	-26.79	-34.24	43.49	232
V _{Ma}	10.16	55.12	-61.03	82.24	312
M _{Ma}	34.5	80.68	-33.92	87.52	337
N _{Ma}	6.25	0.0	0.0	0.0	0
W _{Ma}	91.97	0.0	0.0	0.0	0
R _{CIE}	39.92	59.8	31.05	67.38	27
J _{CIE}	81.26	-2.52	76.25	76.29	92
G _{CIE}	52.23	-41.56	17.14	44.96	158
B _{CIE}	30.57	2.63	-43.77	43.86	273

Ausgabe: Farbmétrisches Drucker-Reflektiv-System FRS06

für Buntton $h^* = lab^*h = 158/360 = 0.438$
 lab^*ch und lab^*nch

D65: Buntton G
LCH*Ma: 42 55 158
olv*Ma: 0.0 1.0 0.31

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	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	32.57	62.32	46.49	77.75	37
Y _{Ma}	82.73	-3.16	113.99	114.03	92
L _{Ma}	39.43	-61.79	45.84	76.95	143
C _{Ma}	47.86	-26.79	-34.24	43.49	232
V _{Ma}	10.16	55.12	-61.03	82.24	312
M _{Ma}	34.5	80.68	-33.92	87.52	337
N _{Ma}	6.25	0.0	0.0	0.0	0
W _{Ma}	91.97	0.0	0.0	0.0	0
R _{CIE}	39.92	59.8	31.05	67.38	27
J _{CIE}	81.26	-2.52	76.25	76.29	92
G _{CIE}	52.23	-41.56	17.14	44.96	158
B _{CIE}	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	1.0	0.655	(1.0)	
cmyn3*	0.5	0.0	0.345	(0.0)	
olvi4*	0.5	1.0	0.655	1.0	
cmyn4*	0.5	0.0	0.345	0.0	
standard and adapted CIELAB					
LAB*LAB	67.0	-26.06	6.38		
LAB*LABa	67.0	-25.46	10.5		
LAB*TCa	75.0	27.55	157.59		
relative CIELAB lab*					
lab*lab	0.709	-0.461	0.191		
lab*tch	0.75	0.5	0.438		
lab*nch	0.0	0.5	0.438		
relative Natural Colour (NC)					
lab*lrj	0.709	-0.499	0.0		
lab*tce	0.75	0.5	0.5		
lab*nce	0.0	0.5	g00b		

relative Inform. Technology (IT)					
olvi3*	0.0	1.0	0.31	(1.0)	
cmyn3*	1.0	0.0	0.69	(0.0)	
olvi4*	0.0	1.0	0.31	1.0	
cmyn4*	1.0	0.0	0.69	0.0	
standard and adapted CIELAB					
LAB*LAB	42.04	-51.96	17.87		
LAB*LABa	42.04	-50.93	21.01		
LAB*TCa	50.0	55.11	157.59		
relative CIELAB lab*					
lab*lab	0.418	-0.923	0.381		
lab*tch	0.5	1.0	0.438		
lab*nch	0.0	1.0	0.438		
relative Natural Colour (NC)					
lab*lrj	0.418	-0.999	0.0		
lab*tce	0.5	1.0	0.5		
lab*nce	0.0	1.0	199g		

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	0.5	0.155	(1.0)	
cmyn3*	1.0	0.5	0.845	(0.0)	
olvi4*	0.5	1.0	0.655	0.5	
cmyn4*	0.5	0.0	0.345	0.5	
standard and adapted CIELAB					
LAB*LAB	24.15	-26.79	8.07		
LAB*LABa	24.15	-25.46	10.51		
LAB*TCa	25.01	27.56	157.58		
relative CIELAB lab*					
lab*lab	0.209	-0.461	0.191		
lab*tch	0.25	0.5	0.438		
lab*nch	0.5	0.5	0.438		
relative Natural Colour (NC)					
lab*lrj	0.209	-0.499	0.0		
lab*tce	0.25	0.5	0.5		
lab*nce	0.5	0.5	199g		

relative Inform. Technology (IT)					
olvi3*	0.0	1.0	0.31	(1.0)	
cmyn3*	1.0	0.0	0.69	(0.0)	
olvi4*	0.0	1.0	0.31	1.0	
cmyn4*	1.0	0.0	0.69	0.0	
standard and adapted CIELAB					
LAB*LAB	42.04	-51.96	17.87		
LAB*LABa	42.04	-50.93	21.01		
LAB*TCa	50.0	55.11	157.59		
relative CIELAB lab*					
lab*lab	0.418	-0.923	0.381		
lab*tch	0.5	1.0	0.438		
lab*nch	0.0	1.0	0.438		
relative Natural Colour (NC)					
lab*lrj	0.418	-0.999	0.0		
lab*tce	0.5	1.0	0.5		
lab*nce	0.0	1.0	199g		

Siehe ähnliche Dateien: <http://www.ps.bam.de/VG20/>
Technische Information: <http://www.ps.bam.de> Version 2.1, io=1,1

BAM-Registrierung: 20060101-VG20/10L/L20G08NP.PS/.PDF BAM-Material: Code=rha4ta
Anwendung für Beurteilung und Messung von Drucker- oder Monitorssystemen
/VG20/ Form: 9/10, Serie: 1/1, Seite: 9
Satzzeichnung 1

VG200-7, 3 stufige Reihen für konstanten CIELAB Buntton 158/360 = 0.438 (links)

3 stufige Reihen für konstanten CIELAB Buntton 158/360 = 0.438 (rechts)

BAM-Prüfvorlage VG20; Farbmétrik-Systeme FRS06 & FRS06 input: olv* setrgbcolor

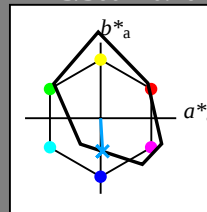
D65: 3stufige Farbreihen und Koordinatendaten für 10 Bunttöne output: no change compared to input

Eingabe: Farbmimetrisches Drucker-Reflektiv-System FRS06

für Buntton $h^* = lab^*h = 273/360 = 0.76$
 lab^*ch und lab^*nch

D65: Buntton B
LCH*Ma: 34 44 273
olv*Ma: 0.0 0.64 1.0

Dreiecks-Helligkeit t^*



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

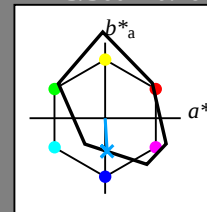
FRS06; adaptierte CIELAB-Daten					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	32.57	62.32	46.49	77.75	37
Y _{Ma}	82.73	-3.16	113.99	114.03	92
L _{Ma}	39.43	-61.79	45.84	76.95	143
C _{Ma}	47.86	-26.79	-34.24	43.49	232
V _{Ma}	10.16	55.12	-61.03	82.24	312
M _{Ma}	34.5	80.68	-33.92	87.52	337
N _{Ma}	6.25	0.0	0.0	0.0	0
W _{Ma}	91.97	0.0	0.0	0.0	0
R _{CIE}	39.92	59.8	31.05	67.38	27
J _{CIE}	81.26	-2.52	76.25	76.29	92
G _{CIE}	52.23	-41.56	17.14	44.96	158
B _{CIE}	30.57	2.63	-43.77	43.86	273

Ausgabe: Farbmimetrisches Drucker-Reflektiv-System FRS06

für Buntton $h^* = lab^*h = 273/360 = 0.76$
 lab^*ch und lab^*nch

D65: Buntton B
LCH*Ma: 34 44 273
olv*Ma: 0.0 0.64 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	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	32.57	62.32	46.49	77.75	37
Y _{Ma}	82.73	-3.16	113.99	114.03	92
L _{Ma}	39.43	-61.79	45.84	76.95	143
C _{Ma}	47.86	-26.79	-34.24	43.49	232
V _{Ma}	10.16	55.12	-61.03	82.24	312
M _{Ma}	34.5	80.68	-33.92	87.52	337
N _{Ma}	6.25	0.0	0.0	0.0	0
W _{Ma}	91.97	0.0	0.0	0.0	0
R _{CIE}	39.92	59.8	31.05	67.38	27
J _{CIE}	81.26	-2.52	76.25	76.29	92
G _{CIE}	52.23	-41.56	17.14	44.96	158
B _{CIE}	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	0.82	1.0	(1.0)	
cmyn3*	0.5	0.18	0.0	(0.0)	
olvi4*	0.5	0.82	1.0	1.0	
cmyn4*	0.5	0.18	0.0	0.0	
standard and adapted CIELAB					
LAB*LAB	63.14	0.64	-25.89		
LAB*LABa	63.14	1.31	-21.92		
LAB*TBa	75.0	21.97	273.42		
relative CIELAB lab*					
lab*lab	0.664	0.03	-0.498		
lab*tch	0.75	0.5	0.76		
lab*nch	0.0	0.5	0.76		
relative Natural Colour (NC)					
lab*lrj	0.664	0.0	-0.499		
lab*tce	0.75	0.5	0.75		
lab*nce	0.0	0.5	g99b		

relative Inform. Technology (IT)					
olvi3*	0.0	0.641	1.0	(1.0)	
cmyn3*	1.0	0.359	0.0	(0.0)	
olvi4*	0.0	0.641	1.0	1.0	
cmyn4*	1.0	0.359	0.0	0.0	
standard and adapted CIELAB					
LAB*LAB	34.32	1.48	-46.69		
LAB*LABa	34.32	2.63	-43.85		
LAB*TBa	50.0	43.94	273.43		
relative CIELAB lab*					
lab*lab	0.327	0.06	-0.997		
lab*tch	0.5	1.0	0.76		
lab*nch	0.0	1.0	0.76		
relative Natural Colour (NC)					
lab*lrj	0.327	0.0	-0.999		
lab*tce	0.5	1.0	0.75		
lab*nce	0.0	1.0	g99b		

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	0.0	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	0.32	0.5	(1.0)	
cmyn3*	1.0	0.68	0.5	(0.0)	
olvi4*	0.5	0.82	1.0	0.5	
cmyn4*	0.5	0.18	0.0	0.5	
standard and adapted CIELAB					
LAB*LAB	20.29	-0.06	-24.21		
LAB*LABa	20.29	1.32	-21.92		
LAB*TBa	25.01	21.97	273.44		
relative CIELAB lab*					
lab*lab	0.164	0.03	-0.498		
lab*tch	0.25	0.5	0.76		
lab*nch	0.5	0.5	0.76		
relative Natural Colour (NC)					
lab*lrj	0.164	0.0	-0.499		
lab*tce	0.25	0.5	0.75		
lab*nce	0.5	0.5	b00r		

relative Inform. Technology (IT)					
olvi3*	0.0	0.641	1.0	(1.0)	
cmyn3*	1.0	0.359	0.0	(0.0)	
olvi4*	0.0	0.641	1.0	1.0	
cmyn4*	1.0	0.359	0.0	0.0	
standard and adapted CIELAB					
LAB*LAB	34.32	1.48	-46.69		
LAB*LABa	34.32	2.63	-43.85		
LAB*TBa	50.0	43.94	273.43		
relative CIELAB lab*					
lab*lab	0.327	0.06	-0.997		
lab*tch	0.5	1.0	0.76		
lab*nch	0.0	1.0	0.76		
relative Natural Colour (NC)					
lab*lrj	0.327	0.0	-0.999		
lab*tce	0.5	1.0	0.75		
lab*nce	0.0	1.0	g99b		