

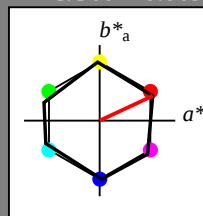
Eingabe: Farbmatisches Natürliches-Reflektiv-System CNS18

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

lab^*tch und lab^*nch

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

Dreiecks-Helligkeit



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

%Regularität

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

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

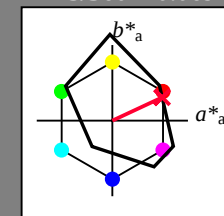
Ausgabe: Farbmatisches Drucker-Reflektiv-System FR506

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

lab^*tch und lab^*nch

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

Dreiecks-Helligkeit

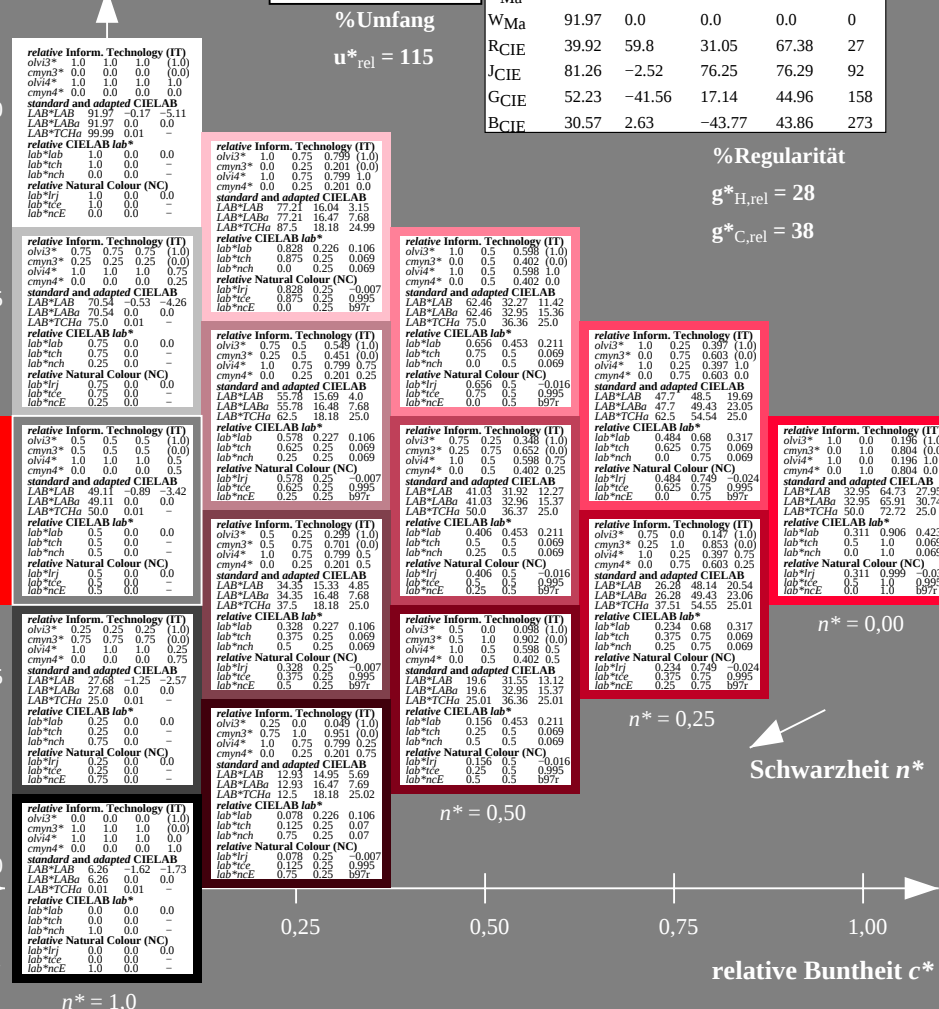
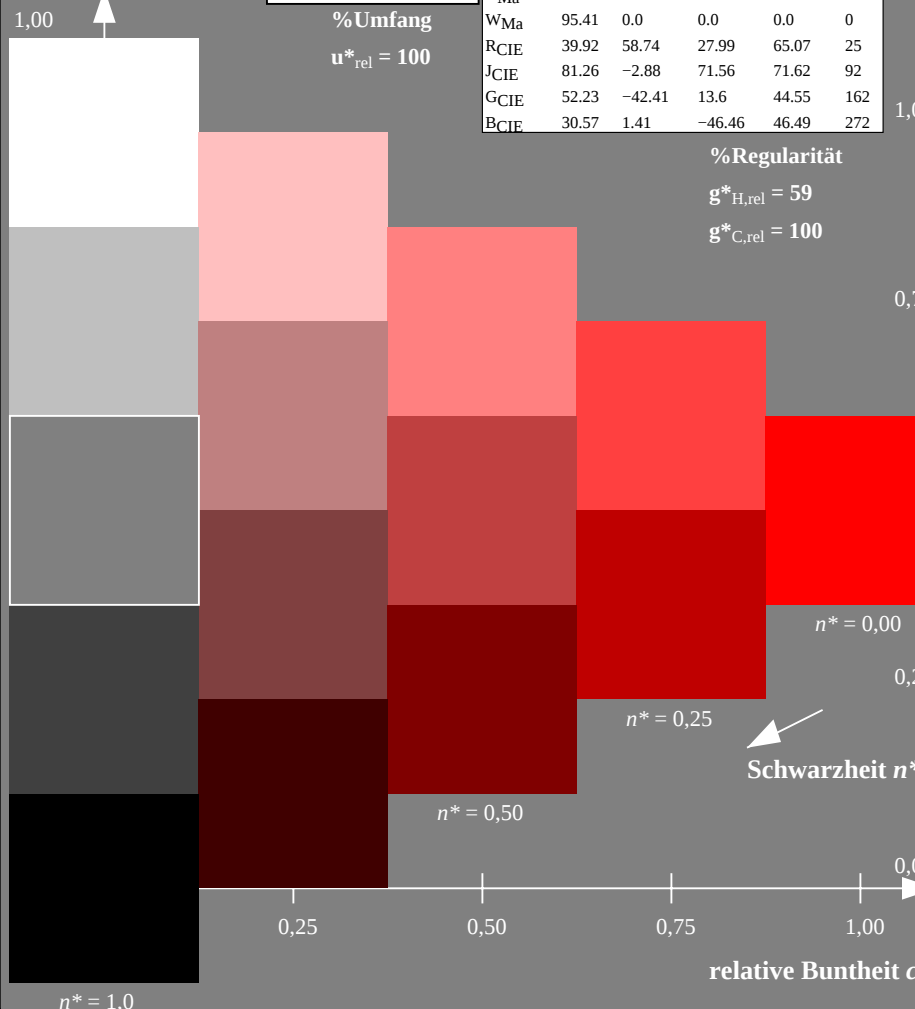


FR506; adaptierte CIELAB-Daten					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
OMa	32.57	62.32	46.49	77.75	37
YMa	82.73	-3.16	113.99	114.03	92
LMa	39.43	-61.79	45.84	76.95	143
CMa	47.86	-26.79	-34.24	43.49	232
VMa	10.16	55.12	-61.03	82.24	312
MMa	34.5	80.68	-33.92	87.52	337
N _{Ma}	6.25	0.0	0.0	0.0	0
W _{Ma}	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

%Regularität

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

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



VG340-7, 5 stufige Reihen für konstanten CIELAB Buntton 25/360 = 0.069 (links)

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

BAM-Prüfvorlage VG34; Farbmatrik-Systeme CNS18 & FR506 input: olv* setrgbcolor

D65: 5stufige Farbreihen und Koordinatendaten für 10 Bunttöne output: no change compared to input

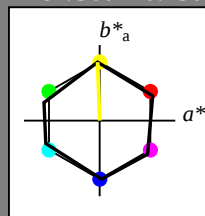
Eingabe: Farbmimetrisches Natürliches-Reflektiv-System CNS18

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



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

%Regularität

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

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

1,00

0,75

$n^* = 0,00$

0,25

$n^* = 0,25$

$n^* = 0,50$

relative Buntheit c^*

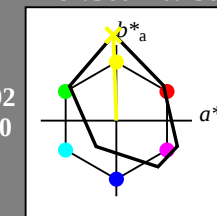
Ausgabe: Farbmimetrisches Drucker-Reflektiv-System FRS06

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



%Umfang

$u^*_{rel} = 115$

1,00

0,75

$n^* = 0,00$

0,25

$n^* = 0,25$

$n^* = 0,50$

relative Buntheit c^*

$n^* = 1,0$

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
N _{Ma}	6.25	0.0	0.0	0.0	0
W _{Ma}	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

%Regularität

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

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

0,75

0,50

$n^* = 0,00$

0,25

$n^* = 0,25$

$n^* = 0,50$

relative Buntheit c^*

$n^* = 1,0$

VG340-7, 5 stufige Reihen für konstanten CIELAB Buntton 92/360 = 0.256 (links)

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

BAM-Prüfvorlage VG34; Farbmimetrik-Systeme CNS18 & FRS06 input: olv* setrgbcolor

D65: 5stufige Farbreihen und Koordinatendaten für 10 Bunttöne output: no change compared to input

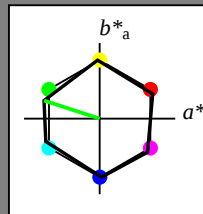
Eingabe: Farbmatisches Natürliches-Reflektiv-System CNS18

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



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

%Regularität

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

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

1,00

0,75

Schwarzheit n^*

$n^* = 0,00$

$n^* = 0,25$

$n^* = 0,50$

$n^* = 1,00$

relative Buntheit c^*

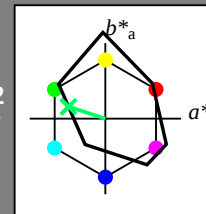
Ausgabe: Farbmatisches Drucker-Reflektiv-System FRS06

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



%Umfang

$u^*_{rel} = 115$

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
N _{Ma}	6.25	0.0	0.0	0.0	0
W _{Ma}	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

%Regularität

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

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

$n^* = 0,00$

$n^* = 0,25$

$n^* = 0,50$

$n^* = 0,75$

$n^* = 1,00$

relative Buntheit c^*

VG340-7, 5 stufige Reihen für konstanten CIELAB Buntton 162/360 = 0.45 (links)

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

BAM-Prüfvorlage VG34; Farbmatrik-Systeme CNS18 & FRS06 input: olv* setrgbcolor

D65: 5stufige Farbreihen und Koordinatendaten für 10 Bunttöne output: no change compared to input

Eingabe: Farbmimetrisches Natürliches-Reflektiv-System CNS18

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

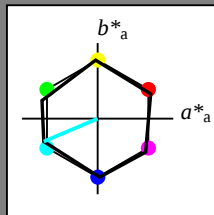
lab^*tch und lab^*nch

D65: Buntton G50B

LCH*Ma: 57 77 203

olv*Ma: 0.0 1.0 1.0

Dreiecks-Helligkeit

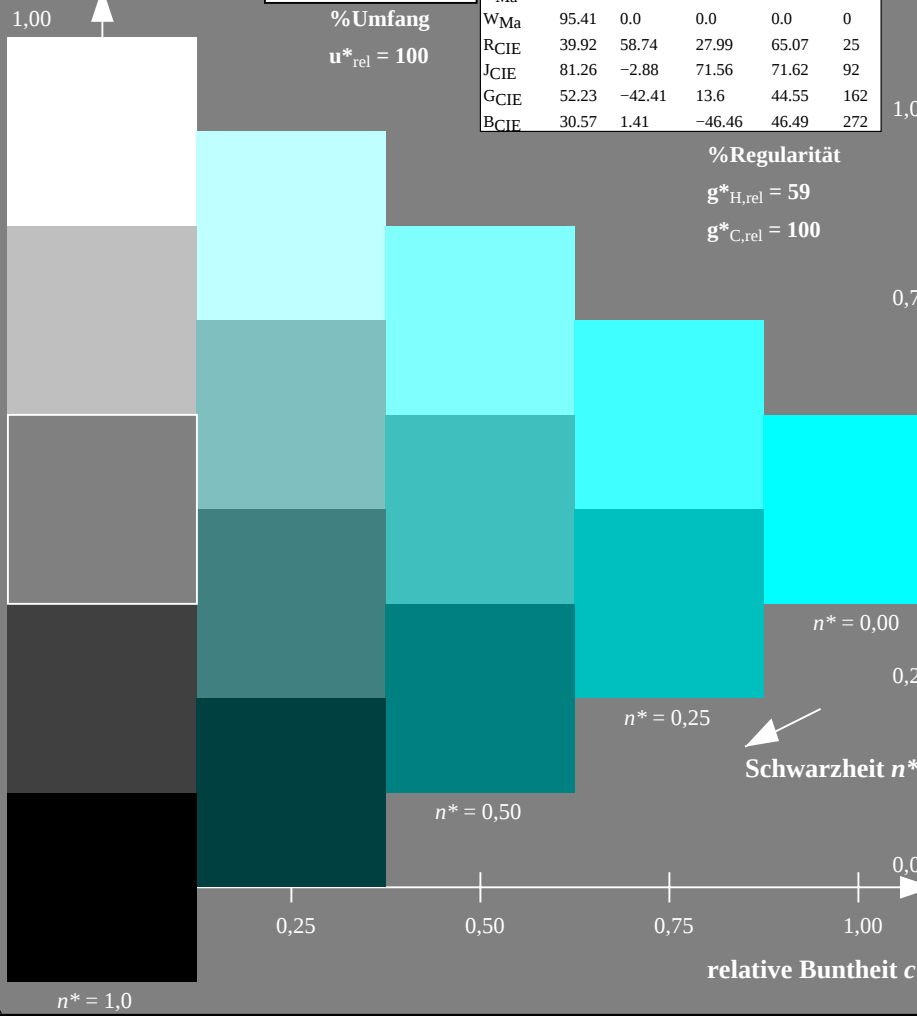


CNS18; adaptierte CIELAB-Daten					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
RMa	56.7	70.15	32.71	77.4	25
JMa	56.7	-2.69	77.35	77.4	92
GMa	56.7	-73.6	23.92	77.4	162
G50B _{Ma}	56.7	-71.24	-30.23	77.4	203
B _{Ma}	56.7	2.7	-77.34	77.4	272
B50R _{Ma}	56.7	63.4	-44.38	77.4	325
N _{Ma}	18.01	0.0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

%Regularität

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

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



VG340-7, 5 stufige Reihen für konstanten CIELAB Buntton 203/360 = 0.564 (links)

BAM-Prüfvorlage VG34; Farbmimetrik-Systeme CNS18 & FRS06 input: olv* setrgbcolor

D65: 5stufige Farbreihen und Koordinatendaten für 10 Bunttöne output: no change compared to input

Ausgabe: Farbmimetrisches Drucker-Reflektiv-System FRS06

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

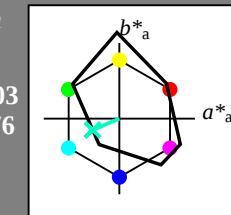
lab^*tch und lab^*nch

D65: Buntton G50B

LCH*Ma: 46 38 203

olv*Ma: 0.0 1.0 0.76

Dreiecks-Helligkeit

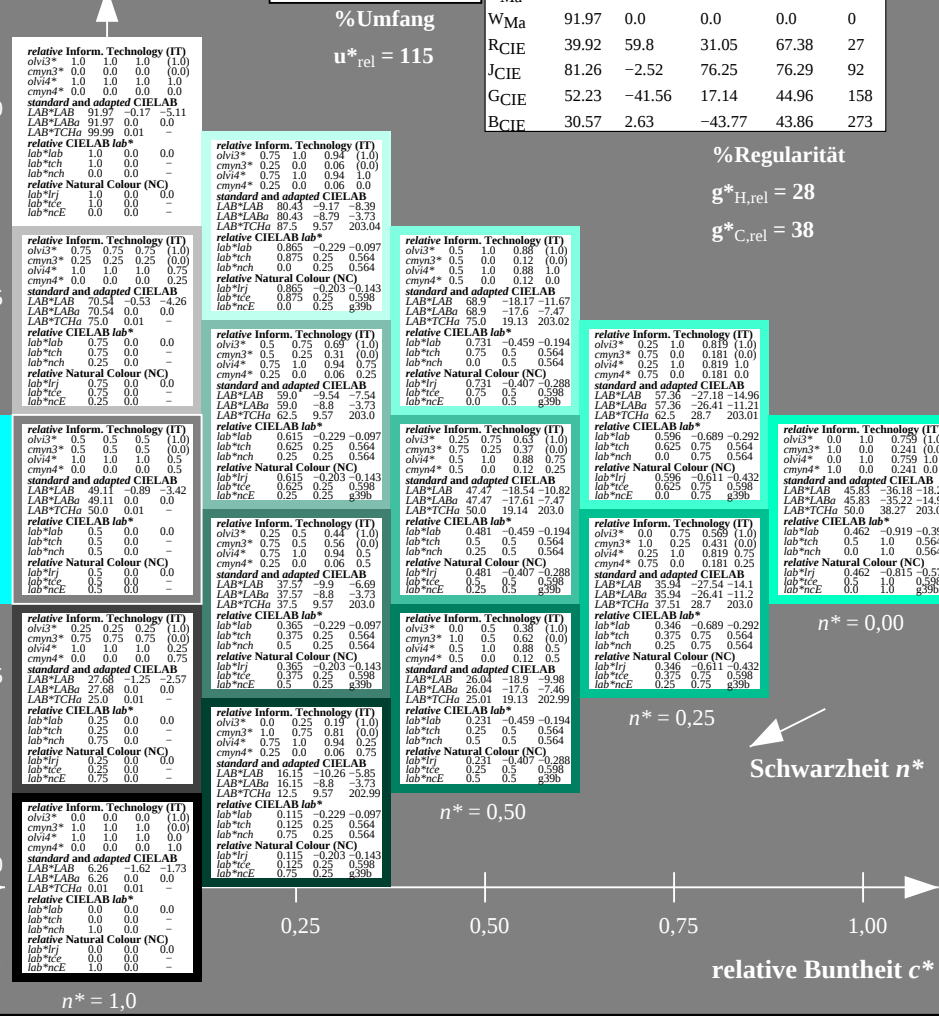


FRS06; adaptierte CIELAB-Daten					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
OMa	32.57	62.32	46.49	77.75	37
YMa	82.73	-3.16	113.99	114.03	92
LMa	39.43	-61.79	45.84	76.95	143
CMa	47.86	-26.79	-34.24	43.49	232
VMa	10.16	55.12	-61.03	82.24	312
MMa	34.5	80.68	-33.92	87.52	337
N _{Ma}	6.25	0.0	0.0	0.0	0
W _{Ma}	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

%Regularität

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

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



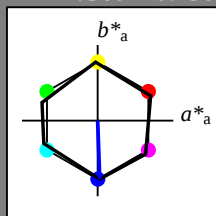
5 stufige Reihen für konstanten CIELAB Buntton 203/360 = 0.564 (rechts)

Eingabe: Farbmatisches 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



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

%Regularität

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

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

1,00

0,75

Schwarzheit n^*

VG340-7, 5 stufige Reihen für konstanten CIELAB Buntton 272/360 = 0.756 (links)

BAM-Prüfvorlage VG34; Farbmatrik-Systeme CNS18 & FRS06 input: olv* setrgbcolor

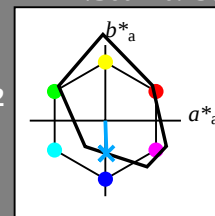
D65: 5stufige Farbreihen und Koordinatendaten für 10 Bunttöne output: no change compared to input

Ausgabe: Farbmatisches 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



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
N _{Ma}	6.25	0.0	0.0	0.0	0
W _{Ma}	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

%Regularität

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

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

1,00

0,75

Schwarzheit n^*

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

Eingabe: Farbmatisches Natürliches-Reflektiv-System CNS18

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

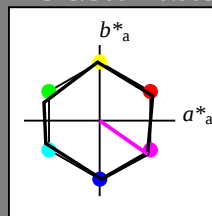
lab^*tch und lab^*nch

D65: Buntton B50R

LCH*Ma: 57 77 325

olv*Ma: 1.0 0.0 1.0

Dreiecks-Helligkeit



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

%Regularität

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

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

1,00

0,75

Schwarzheit n^*

$n^* = 1,0$

relative Buntheit c^*

VG340-7, 5 stufige Reihen für konstanten CIELAB Buntton 325/360 = 0.903 (links)

BAM-Prüfvorlage VG34; Farbmatrik-Systeme CNS18 & FRS06 input: olv* setrgbcolor

D65: 5stufige Farbreihen und Koordinatendaten für 10 Bunttöne output: no change compared to input

Ausgabe: Farbmatisches Drucker-Reflektiv-System FRS06

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

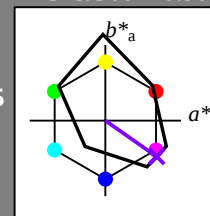
lab^*tch und lab^*nch

D65: Buntton B50R

LCH*Ma: 22 83 325

olv*Ma: 0.5 0.0 1.0

Dreiecks-Helligkeit



%Umfang

$u^*_{rel} = 115$

relative Inform. Technology (IT)					
olv3*	1.0	1.0	1.0	(1.0)	
cmyn3*	0.0	0.0	0.0	(0.0)	
olv4*	1.0	1.0	1.0	1.0	
cmyn4*	0.0	0.0	0.0	0.0	
standard and adapted CIELAB					
LAB*LAB	91.97	-0.17	-5.11		
LAB*TCh	91.97	0.0	0.0		
relative CIELAB lab*					
lab*lab	1.0	0.0	0.0		
lab*tch	1.0	0.0	0.0		
lab*nch	0.0	0.0	0.0		
relative Natural Colour (NC)					
lab*trj	1.0	0.0	0.0		
lab*tce	1.0	0.0	0.0		
lab*nce	0.0	0.0	0.0		

relative Inform. Technology (IT)					
olv3*	0.75	0.75	0.75	(1.0)	
cmyn3*	0.25	0.25	0.25	(0.0)	
olv4*	1.0	1.0	1.0	0.75	
cmyn4*	0.0	0.0	0.0	0.25	
standard and adapted CIELAB					
LAB*LAB	70.54	-0.53	-4.26		
LAB*TCh	70.54	0.0	0.0		
relative CIELAB lab*					
lab*lab	0.75	0.0	0.0		
lab*tch	0.75	0.0	0.0		
lab*nch	0.25	0.0	0.0		
relative Natural Colour (NC)					
lab*trj	0.75	0.0	0.0		
lab*tce	0.75	0.0	0.0		
lab*nce	0.25	0.0	0.0		

relative Inform. Technology (IT)					
olv3*	0.5	0.5	0.5	(1.0)	
cmyn3*	0.5	0.5	0.5	(0.0)	
olv4*	1.0	1.0	1.0	0.5	
cmyn4*	0.0	0.0	0.0	0.5	
standard and adapted CIELAB					
LAB*LAB	49.11	-0.89	-3.42		
LAB*TCh	49.11	0.0	0.0		
relative CIELAB lab*					
lab*lab	0.5	0.0	0.0		
lab*tch	0.5	0.0	0.0		
lab*nch	0.5	0.0	0.0		
relative Natural Colour (NC)					
lab*trj	0.5	0.0	0.0		
lab*tce	0.5	0.0	0.0		
lab*nce	0.5	0.0	0.0		

relative Inform. Technology (IT)					
olv3*	0.25	0.25	0.25	(1.0)	
cmyn3*	0.75	0.75	0.75	(0.0)	
olv4*	1.0	1.0	1.0	0.25	
cmyn4*	0.0	0.0	0.0	0.75	
standard and adapted CIELAB					
LAB*LAB	27.68	-1.25	-2.57		
LAB*TCh	27.68	0.0	0.0		
relative CIELAB lab*					
lab*lab	0.25	0.0	0.0		
lab*tch	0.25	0.0	0.0		
lab*nch	0.75	0.0	0.0		
relative Natural Colour (NC)					
lab*trj	0.25	0.0	0.0		
lab*tce	0.25	0.0	0.0		
lab*nce	0.75	0.0	0.0		

relative Inform. Technology (IT)					
olv3*	0.0	0.0	0.0	(1.0)	
cmyn3*	1.0	1.0	1.0	(0.0)	
olv4*	1.0	1.0	1.0	0.0	
cmyn4*	0.0	0.0	0.0	1.0	
standard and adapted CIELAB					
LAB*LAB	6.26	1.62	-1.73		
LAB*TCh	6.26	0.0	0.0		
relative CIELAB lab*					
lab*lab	0.0	0.0	0.0		
lab*tch	0.0	0.0	0.0		
lab*nch	1.0	0.0	0.0		
relative Natural Colour (NC)					
lab*trj	0.0	0.0	0.0		
lab*tce	0.0	0.0	0.0		
lab*nce	1.0	0.0	0.0		

relative Inform. Technology (IT)					
olv3*	0.875	0.75	1.0	(1.0)	
cmyn3*	0.125	0.25	0.0	(0.0)	
olv4*	0.875	0.75	1.0	1.0	
cmyn4*	0.125	0.25	0.0	0.0	
standard and adapted CIELAB					
LAB*LAB	74.55	16.49	-16.29		
LAB*TCh	74.55	16.96	-11.86		
relative CIELAB lab*					
lab*lab	0.875	0.25	0.0		
lab*tch	0.875	0.25	0.0		
lab*nch	0.125	0.75	0.0		
relative Natural Colour (NC)					
lab*trj	0.875	0.25	0.0		
lab*tce	0.875	0.25	0.0		
lab*nce	0.125	0.75	0.0		

relative Inform. Technology (IT)					
olv3*	0.625	0.5	0.75	(1.0)	
cmyn3*	0.375	0.5	0.25	(0.0)	
olv4*	0.875	0.75	1.0	0.75	
cmyn4*	0.125	0.25	0.0	0.25	
standard and adapted CIELAB					
LAB*LAB	53.12	16.13	-15.45		
LAB*TCh	53.12	16.97	-11.87		
relative CIELAB lab*					
lab*lab	0.625	0.25	0.0		
lab*tch	0.625	0.25	0.0		
lab*nch	0.375	0.75	0.0		
relative Natural Colour (NC)					
lab*trj	0.625	0.25	0.0		
lab*tce	0.625	0.25	0.0		
lab*nce	0.375	0.75	0.0		

relative Inform. Technology (IT)					
olv3*	0.547	0.25	0.0	(1.0)	
cmyn3*	0.453	0.75	0.0	(0.0)	
olv4*	0.875	0.75	1.0	0.5	
cmyn4*	0.125	0.25	0.0	0.5	
standard and adapted CIELAB					
LAB*LAB	31.69	15.77	-14.6		
LAB*TCh	31.69	16.97	-11.87		
relative CIELAB lab*					
lab*lab	0.547	0.163	-0.189		
lab*tch	0.547	0.163	-0.189		
lab*nch	0.453	0.837	0.0		
relative Natural Colour (NC)					
lab*trj	0.547	0.163	-0.189		
lab*tce	0.547	0.163	-0.189		
lab*nce	0.453	0.837	0.0		

relative Inform. Technology (IT)					
olv3*	0.297	0.25	0.0	(1.0)	
cmyn3*	0.703	0.75	0.0	(0.0)	
olv4*	0.875	0.75	1.0	0.25	
cmyn4*	0.125	0.25	0.0	0.25	
standard and adapted CIELAB					
LAB*LAB	14.28	13.74	-13.79		
LAB*TCh	14.28	13.92	-13.75		
relative CIELAB lab*					
lab*lab	0.297	0.163	-0.189		
lab*tch	0.297	0.163	-0.189		
lab*nch	0.703	0.837	0.0		
relative Natural Colour (NC)					
lab*trj	0.297	0.163	-0.189		
lab*tce	0.297	0.163	-0.189		
lab*nce	0.703	0.837	0.0		

relative Inform. Technology (IT)					
olv3*	0.047	0.25	0.0	(1.0)	
cmyn3*	0.953	0.75	0.0	(0.0)	
olv4*	0.875	0.75	1.0	0.0	
cmyn4*	0.125	0.25	0.0	1.0	
standard and adapted CIELAB					
LAB*LAB	10.27	16.96	-11.87		
LAB*TCh	10.27	16.96	-11.87		
relative CIELAB lab*					
lab*lab	0.047	0.25	0.0		
lab*tch	0.047	0.25	0.0		
lab*nch	0.953	0.75	0.0		
relative Natural Colour (NC)					
lab*trj	0.047	0.25	0.0		
lab*tce	0.047	0.25	0.0		
lab*nce	0.953	0.75	0.0		

relative Inform. Technology (IT)					
olv3*	0.749	0.5	1.0	(1.0)	
cmyn3*	0.251	0.5	0.0	(0.0)	
olv4*	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*TCh	57.13	33.93	-23.74		
relative CIELAB lab*					
lab*lab	0.749	0.25	0.0		
lab*tch	0.749	0.25	0.0		
lab*nch	0.251	0.75	0.0		
relative Natural Colour (NC)					
lab*trj	0.749	0.25	0.0		
lab*tce	0.749	0.25	0.0		
lab*nce	0.251	0.75	0.0		

relative CIELAB lab*				
lab*lab	0.594	0.41	-0.286	
lab* <i>ch</i>	0.75	0.5	0.903	
lab* <i>nch</i>	0.0	0.5	0.903	
relative Natural Colour (NC)				
lab* <i>lrj</i>	0.594	0.326	-0.378	
lab* <i>tce</i>	0.75	0.5	0.863	
lab* <i>ncE</i>	0.0	0.5	b45r	

Eingabe: Farbmatisches Natürliches-Reflektiv-System CNS18

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

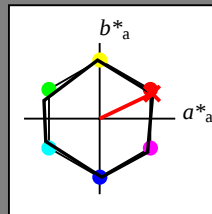
lab^*tch und lab^*nch

D65: Buntton R

LCH*Ma: 57 77 25

olv*Ma: 1.0 0.01 0.0

Dreiecks-Helligkeit



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

%Regularität

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

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

1,00

0,75

$n^* = 0,00$

0,25

$n^* = 0,25$

$n^* = 0,50$

relative Buntheit c^*

Ausgabe: Farbmatisches Drucker-Reflektiv-System FRS06

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

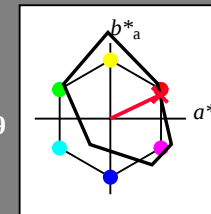
lab^*tch und lab^*nch

D65: Buntton R

LCH*Ma: 33 73 25

olv*Ma: 1.0 0.0 0.19

Dreiecks-Helligkeit



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
N _{Ma}	6.25	0.0	0.0	0.0	0
W _{Ma}	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

%Regularität

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

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

1,00

0,75

$n^* = 0,00$

0,25

$n^* = 0,25$

$n^* = 0,50$

relative Buntheit c^*

VG340-7, 5 stufige Reihen für konstanten CIELAB Buntton 25/360 = 0.071 (links)

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

BAM-Prüfvorlage VG34; Farbmatrik-Systeme CNS18 & FRS06 input: olv* setrgbcolor

D65: 5stufige Farbreihen und Koordinatendaten für 10 Bunttöne output: no change compared to input

Eingabe: Farbmatisches Natürliches-Reflektiv-System CNS18

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

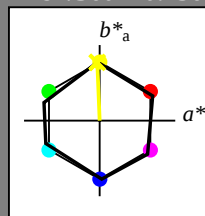
lab^*tch und lab^*nch

D65: Buntton J

LCH*Ma: 57 77 92

olv*Ma: 0.99 1.0 0.0

Dreiecks-Helligkeit



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

%Regularität

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

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

1,00

0,75

$n^* = 0,00$

0,25

$n^* = 0,25$

$n^* = 0,50$

relative Buntheit c^*

Ausgabe: Farbmatisches Drucker-Reflektiv-System FRS06

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

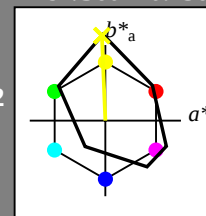
lab^*tch und lab^*nch

D65: Buntton J

LCH*Ma: 82 112 92

olv*Ma: 0.98 1.0 0.0

Dreiecks-Helligkeit



%Umfang

$u^*_{rel} = 115$

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
N _{Ma}	6.25	0.0	0.0	0.0	0
W _{Ma}	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

%Regularität

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

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

$n^* = 0,00$

$n^* = 0,25$

$n^* = 0,50$

relative Buntheit c^*

VG340-7, 5 stufige Reihen für konstanten CIELAB Buntton 92/360 = 0.256 (links)

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

BAM-Prüfvorlage VG34; Farbmatrik-Systeme CNS18 & FRS06 input: olv* setrgbcolor

D65: 5stufige Farbreihen und Koordinatendaten für 10 Bunttöne output: no change compared to input

Eingabe: Farbmatisches Natürliches-Reflektiv-System CNS18

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

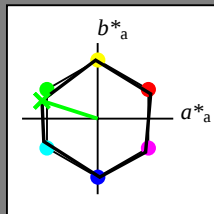
lab^*tch und lab^*nch

D65: Buntton G

LCH*Ma: 57 77 162

olv*Ma: 0.0 1.0 0.01

Dreiecks-Helligkeit



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

%Regularität

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

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

1,00

0,75

$n^* = 0,00$

0,25

$n^* = 0,25$

$n^* = 0,50$

$n^* = 1,0$

relative Buntheit c^*

Ausgabe: Farbmatisches Drucker-Reflektiv-System FRS06

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

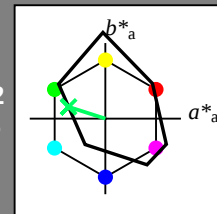
lab^*tch und lab^*nch

D65: Buntton G

LCH*Ma: 43 51 162

olv*Ma: 0.0 1.0 0.38

Dreiecks-Helligkeit



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

%Regularität

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

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

$n^* = 0,00$

$n^* = 0,25$

$n^* = 0,50$

relative Buntheit c^*

VG340-7, 5 stufige Reihen für konstanten CIELAB Buntton 162/360 = 0.451 (links)

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

BAM-Prüfvorlage VG34; Farbmatrik-Systeme CNS18 & FRS06 input: olv* setrgbcolor

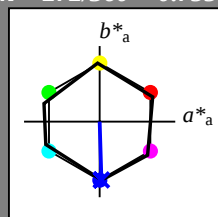
D65: 5stufige Farbreihen und Koordinatendaten für 10 Bunttöne output: no change compared to input

Eingabe: Farbmatisches Natürliches-Reflektiv-System CNS18

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

D65: Buntton B
LCH*Ma: 57 77 272
olv*Ma: 0.0 0.0 1.0

Dreiecks-Helligkeit

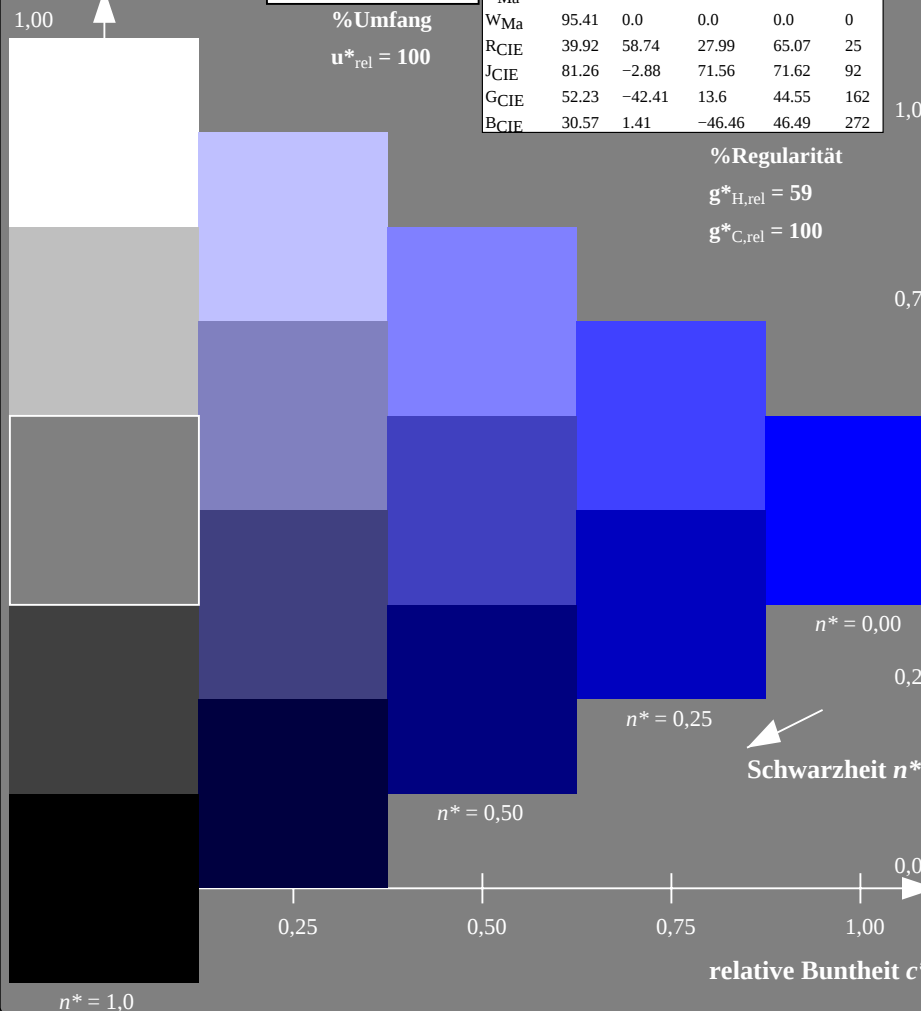


CNS18; adaptierte CIELAB-Daten					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
RMa	56.7	70.15	32.71	77.4	25
JMa	56.7	-2.69	77.35	77.4	92
GMa	56.7	-73.6	23.92	77.4	162
G50B _{Ma}	56.7	-71.24	-30.23	77.4	203
B _{Ma}	56.7	2.7	-77.34	77.4	272
B50R _{Ma}	56.7	63.4	-44.38	77.4	325
N _{Ma}	18.01	0.0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

%Regularität

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

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



VG340-7, 5 stufige Reihen für konstanten CIELAB Buntton 272/360 = 0.755 (links)

BAM-Prüfvorlage VG34; Farbmatrik-Systeme CNS18 & FRS06 input: olv* setrgbcolor

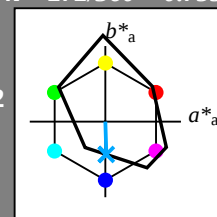
D65: 5stufige Farbreihen und Koordinatendaten für 10 Bunttöne output: no change compared to input

Ausgabe: Farbmatisches Drucker-Reflektiv-System FRS06

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

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

Dreiecks-Helligkeit

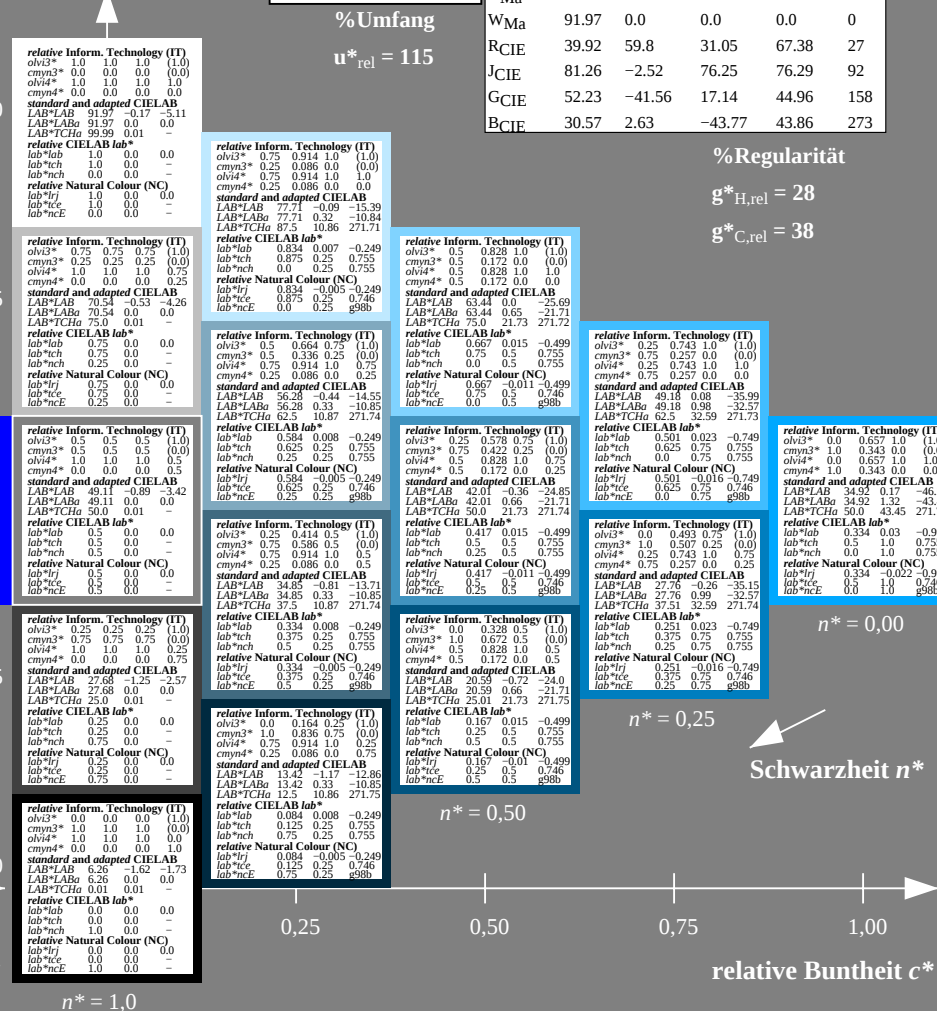


FRS06; adaptierte CIELAB-Daten					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
OMa	32.57	62.32	46.49	77.75	37
YMa	82.73	-3.16	113.99	114.03	92
LMa	39.43	-61.79	45.84	76.95	143
CMa	47.86	-26.79	-34.24	43.49	232
VMa	10.16	55.12	-61.03	82.24	312
MMa	34.5	80.68	-33.92	87.52	337
N _{Ma}	6.25	0.0	0.0	0.0	0
W _{Ma}	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

%Regularität

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

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



5 stufige Reihen für konstanten CIELAB Buntton 272/360 = 0.755 (rechts)