Siehe ähnliche Dateien: http://www.ps.bam.de/NG57/
Technische Information: http://www.ps.bam.de Version 2.1, io=1,1, CIELAB

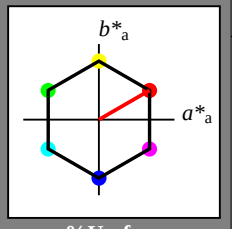
BAM-Registrierung: 20060101-NG57/10L/L57G00FP.PS/.PDF BAM-Material: Code=rha4ta
Anwendung für Beurteilung und Messung von Drucker– oder Monitorsystemen
/NG57/ Form: 1/10. Serie: 1/1, Seite: 1 Sattenz hlung 1

Eingabe: Farbmetrisches Standard-Reflektiv-System SRS18

für Buntton *h = lab*h = 30/360 = 0.083**
lab*tch* und *lab*nch

D65: Buntton O
LCH*Ma: 57 77 30
olv*Ma: 1.0 0.0 0.0

Dreiecks-Helligkeit *t**

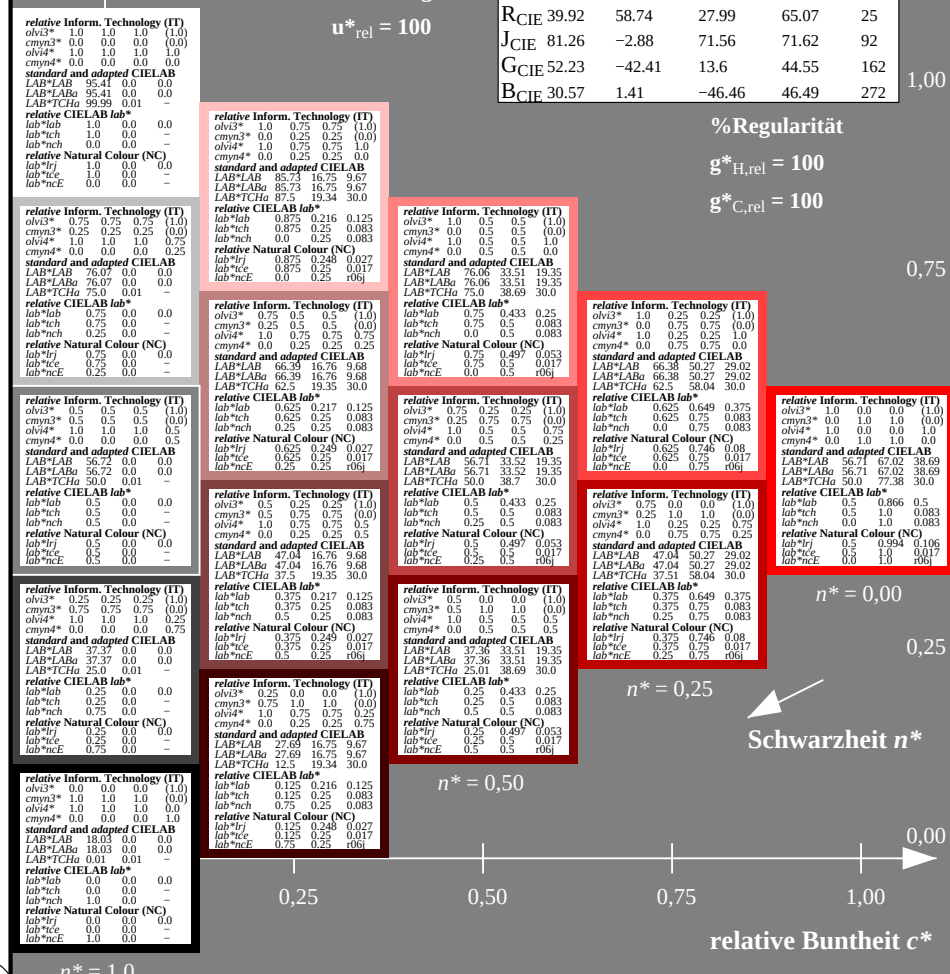


%Umfang
u*rel = 100

SRS18; adaptierte CIELAB-Daten

	L*=L*a	a*a	b*a	C*ab,a	h*ab,a
O_{Ma}	56.71	67.03	38.7	77.4	30
Y_{Ma}	56.71	0.0	77.4	77.4	90
L_{Ma}	56.71	−67.02	38.7	77.4	150
C_{Ma}	56.71	−67.02	−38.69	77.4	210
V_{Ma}	56.71	0.0	−77.39	77.4	270
M_{Ma}	56.71	67.03	−38.69	77.4	330
N_{Ma}	18.01	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	−2.88	71.56	71.62	92
G_{CIE}	52.23	−42.41	13.6	44.55	162
B_{CIE}	30.57	1.41	−46.46	46.49	272

%Regularität
g*H,rel = 100
g*C,rel = 100

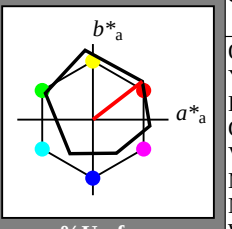


Ausgabe: Farbmetrisches Offset-Reflektiv-System ORS18

für Buntton *h = lab*h = 38/360 = 0.105**
lab*tch* und *lab*nch

D65: Buntton O
LCH*Ma: 48 83 38
olv*Ma: 1.0 0.0 0.0

Dreiecks-Helligkeit *t**

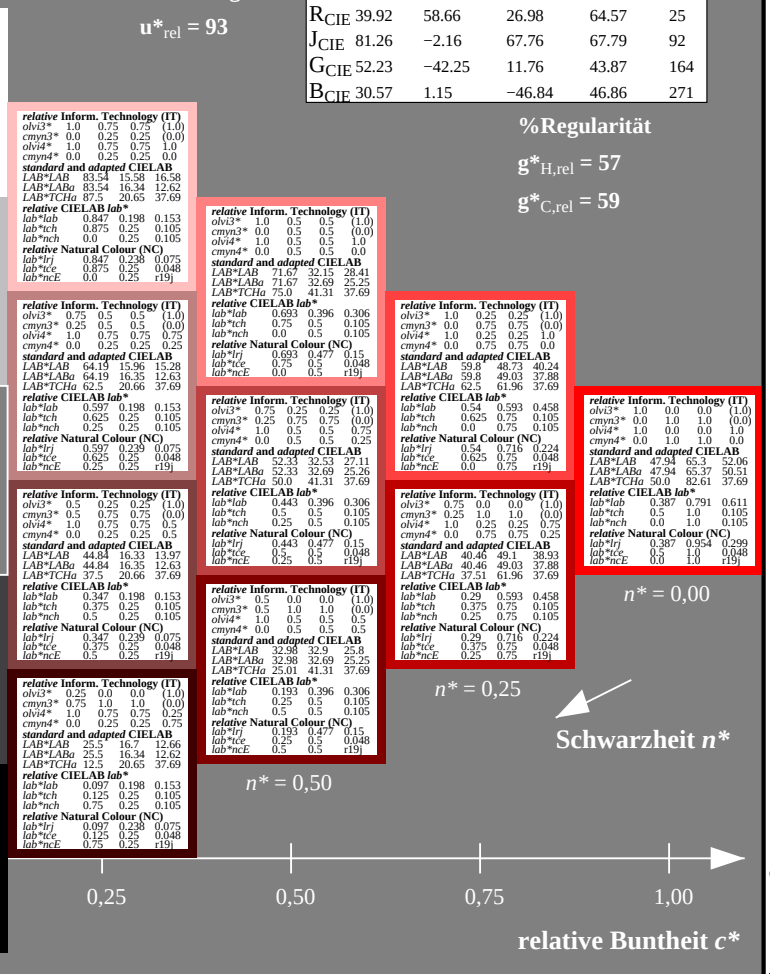


%Umfang
u*rel = 93

ORS18; adaptierte CIELAB-Daten

	L*=L*a	a*a	b*a	C*ab,a	h*ab,a
O_{Ma}	47.94	65.39	50.52	82.63	38
Y_{Ma}	90.37	−10.26	91.75	92.32	96
L_{Ma}	50.9	−62.83	34.96	71.91	151
C_{Ma}	58.62	−30.34	−45.01	54.3	236
V_{Ma}	25.72	31.1	−44.4	54.22	305
M_{Ma}	48.13	75.28	−8.36	75.74	354
N_{Ma}	18.01	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	39.92	58.66	26.98	64.57	25
J_{CIE}	81.26	−2.16	67.76	67.79	92
G_{CIE}	52.23	−42.25	11.76	43.87	164
B_{CIE}	30.57	1.15	−46.84	46.86	271

%Regularität
g*H,rel = 57
g*C,rel = 59



NG570−7, 5 stufige Reihen für konstanten CIELAB Buntton 30/360 = 0.083 (links) 5 stufige Reihen für konstanten CIELAB Buntton 38/360 = 0.105 (rechts)

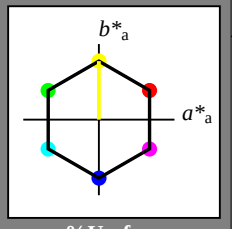
BAM-Prüfvorlage NG57; Farbmetrik-Systeme SRS18 & ORS18 input: *olv* setrgbcolor*
D65: 2 Koordinatendaten; 5stufige Farbreihen für 10 Bunttöne output: *olv* setrgbcolor / w* setgray*

Eingabe: Farbmetrisches Standard-Reflektiv-System SRS18

für Buntton *h = lab*h = 90/360 = 0.25**
lab*tch* und *lab*nch

D65: Buntton Y
LCH*Ma: 57 77 90
olv*Ma: 1.0 1.0 0.0

Dreiecks-Helligkeit *t**

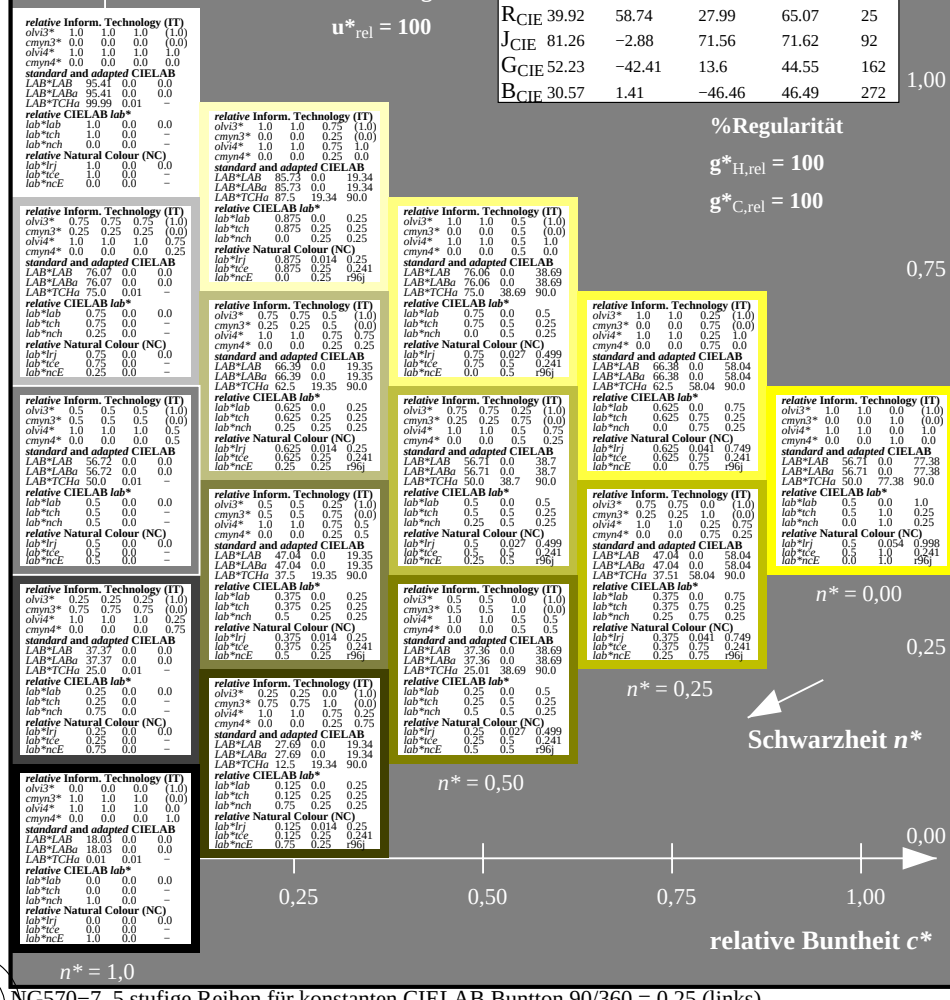


%Umfang
u*rel = 100

SRS18; adaptierte CIELAB-Daten

	L*=L*a	a*a	b*a	C*ab,a	h*ab,a
O_{Ma}	56.71	67.03	38.7	77.4	30
Y_{Ma}	56.71	0.0	77.4	77.4	90
L_{Ma}	56.71	−67.02	38.7	77.4	150
C_{Ma}	56.71	−67.02	−38.69	77.4	210
V_{Ma}	56.71	0.0	−77.39	77.4	270
M_{Ma}	56.71	67.03	−38.69	77.4	330
N_{Ma}	18.01	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	−2.88	71.56	71.62	92
G_{CIE}	52.23	−42.41	13.6	44.55	162
B_{CIE}	30.57	1.41	−46.46	46.49	272

%Regularität
g*H,rel = 100
g*C,rel = 100

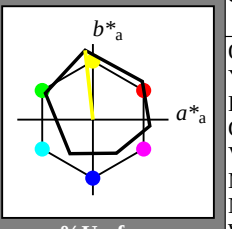


Ausgabe: Farbmetrisches Offset-Reflektiv-System ORS18

für Buntton *h = lab*h = 96/360 = 0.268**
lab*tch* und *lab*nch

D65: Buntton Y
LCH*Ma: 90 92 96
olv*Ma: 1.0 1.0 0.0

Dreiecks-Helligkeit *t**

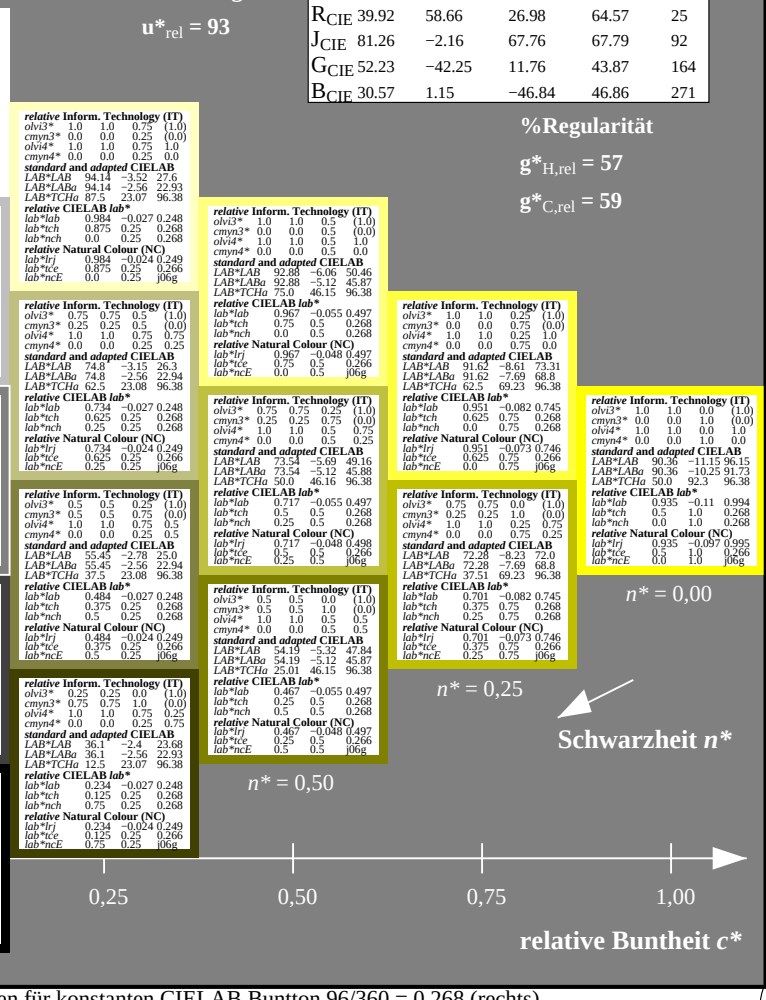


%Umfang
u*rel = 93

ORS18; adaptierte CIELAB-Daten

	L*=L*a	a*a	b*a	C*ab,a	h*ab,a
O_{Ma}	47.94	65.39	50.52	82.63	38
Y_{Ma}	90.37	−10.26	91.75	92.32	96
L_{Ma}	50.9	−62.83	34.96	71.91	151
C_{Ma}	58.62	−30.34	−45.01	54.3	236
V_{Ma}	25.72	31.1	−44.4	54.22	305
M_{Ma}	48.13	75.28	−8.36	75.74	354
N_{Ma}	18.01	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	39.92	58.66	26.98	64.57	25
J_{CIE}	81.26	−2.16	67.76	67.79	92
G_{CIE}	52.23	−42.25	11.76	43.87	164
B_{CIE}	30.57	1.15	−46.84	46.86	271

%Regularität
g*H,rel = 57
g*C,rel = 59



NG570−7, 5 stufige Reihen für konstanten CIELAB Buntton 90/360 = 0.25 (links)

5 stufige Reihen für konstanten CIELAB Buntton 96/360 = 0.268 (rechts)

BAM-Prüfvorlage NG57; Farbmetrik-Systeme SRS18 & ORS18 input: *olv* setrgbcolor*
D65: 2 Koordinatendaten; 5stufige Farbreihen für 10 Bunttöne output: *olv* setrgbcolor / w* setgray*

Siehe ähnliche Dateien: http://www.ps.bam.de/NG57/
Technische Information: http://www.ps.bam.de Version 2.1, io=1,1, CIELAB

BAM-Registrierung: 20060101-NG57/10L/L57G01FP.PS/.PDF BAM-Material: Code=rha4ta
Anwendung für Beurteilung und Messung von Drucker− oder Monitorsystemen
/NG57/ Form: 2/10, Serie: 1/1, Seite: 2 Sättenz hlung 2

Siehe ähnliche Dateien: http://www.ps.bam.de/NG57/
Technische Information: http://www.ps.bam.de Version 2.1, io=1,1, CIELAB

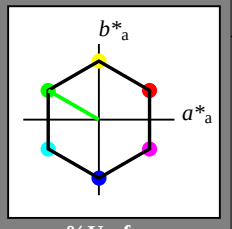
BAM-Registrierung: 20060101-NG57/10L/L57G02FP.PS/.PDF BAM-Material: Code=rha4ta
Anwendung für Beurteilung und Messung von Drucker– oder Monitorsystemen
/NG57/ Form: 3/10, Serie: 1/1, Seite: 3 Sattenz hlung 3

Eingabe: Farbmetrisches Standard-Reflektiv-System SRS18

für Buntton *h = lab*h = 150/360 = 0.417**
lab*tch* und *lab*nch

D65: Buntton L
LCH*Ma: 57 77 150
olv*Ma: 0.0 1.0 0.0

Dreiecks-Helligkeit *t**

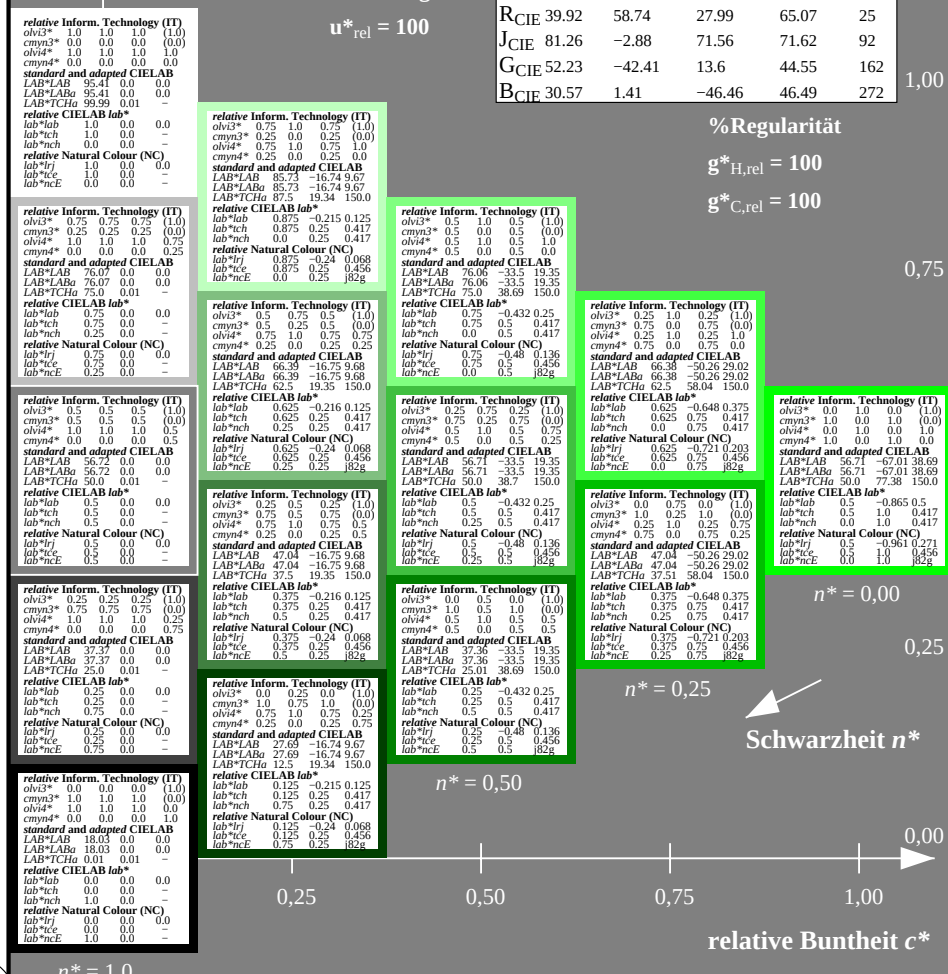


%Umfang
u*rel = 100

SRS18; adaptierte CIELAB-Daten

	L*=L*a	a*a	b*a	C*ab,a	h*ab,a
O_{Ma}	56.71	67.03	38.7	77.4	30
Y_{Ma}	56.71	0.0	77.4	77.4	90
L_{Ma}	56.71	−67.02	38.7	77.4	150
C_{Ma}	56.71	−67.02	−38.69	77.4	210
V_{Ma}	56.71	0.0	−77.39	77.4	270
M_{Ma}	56.71	67.03	−38.69	77.4	330
N_{Ma}	18.01	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	−2.88	71.56	71.62	92
G_{CIE}	52.23	−42.41	13.6	44.55	162
B_{CIE}	30.57	1.41	−46.46	46.49	272

%Regularität
g*H,rel = 100
g*C,rel = 100

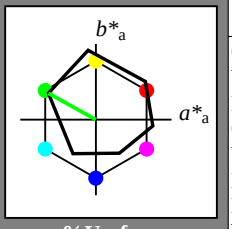


Ausgabe: Farbmetrisches Offset-Reflektiv-System ORS18

für Buntton *h = lab*h = 151/360 = 0.419**
lab*tch* und *lab*nch

D65: Buntton L
LCH*Ma: 51 72 151
olv*Ma: 0.0 1.0 0.0

Dreiecks-Helligkeit *t**

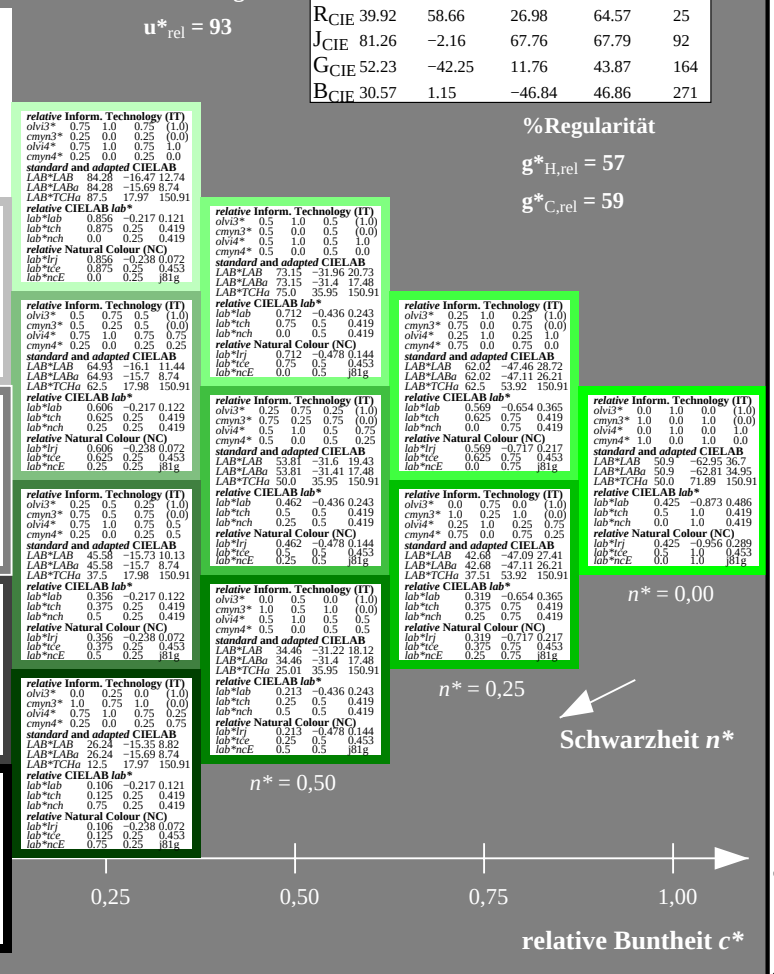


%Umfang
u*rel = 93

ORS18; adaptierte CIELAB-Daten

	L*=L*a	a*a	b*a	C*ab,a	h*ab,a
O_{Ma}	47.94	65.39	50.52	82.63	38
Y_{Ma}	90.37	−10.26	91.75	92.32	96
L_{Ma}	50.9	−62.83	34.96	71.91	151
C_{Ma}	58.62	−30.34	−45.01	54.3	236
V_{Ma}	25.72	31.1	−44.4	54.22	305
M_{Ma}	48.13	75.28	−8.36	75.74	354
N_{Ma}	18.01	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	39.92	58.66	26.98	64.57	25
J_{CIE}	81.26	−2.16	67.76	67.79	92
G_{CIE}	52.23	−42.25	11.76	43.87	164
B_{CIE}	30.57	1.15	−46.84	46.86	271

%Regularität
g*H,rel = 57
g*C,rel = 59



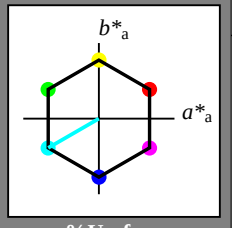
NG570−7, 5 stufige Reihen für konstanten CIELAB Buntton 150/360 = 0.417 (links) 5 stufige Reihen für konstanten CIELAB Buntton 151/360 = 0.419 (rechts)

Eingabe: Farbmetrisches Standard-Reflektiv-System SRS18

für Buntton *h* = lab*h = 210/360 = 0.583*
lab*tch* und *lab*nch

D65: Buntton C
LCH*Ma: 57 77 210
olv*Ma: 0.0 1.0 1.0

Dreiecks-Helligkeit *t**



%Umfang

u^*_{rel} = 100

SRS18; adaptierte CIELAB-Daten

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	56.71	67.03	38.7	77.4	30
Y_{Ma}	56.71	0.0	77.4	77.4	90
L_{Ma}	56.71	−67.02	38.7	77.4	150
C_{Ma}	56.71	−67.02	−38.69	77.4	210
V_{Ma}	56.71	0.0	−77.39	77.4	270
M_{Ma}	56.71	67.03	−38.69	77.4	330
N_{Ma}	18.01	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	−2.88	71.56	71.62	92
G_{CIE}	52.23	−42.41	13.6	44.55	162
B_{CIE}	30.57	1.41	−46.46	46.49	272

%Regularität

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

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

1,00

0,75

0,25

0,00

0,25 0,50 0,75 1,00

relative Buntheit *c**

Schwarzheit *n**

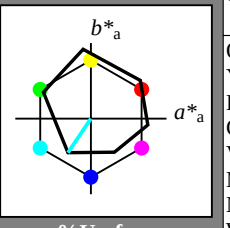
*n** = 1,0 *n** = 0,50 *n** = 0,25 *n** = 0,00

Ausgabe: Farbmetrisches Offset-Reflektiv-System ORS18

für Buntton *h* = lab*h = 236/360 = 0.656*
lab*tch* und *lab*nch

D65: Buntton C
LCH*Ma: 59 54 236
olv*Ma: 0.0 1.0 1.0

Dreiecks-Helligkeit *t**



%Umfang

u^*_{rel} = 93

ORS18; adaptierte CIELAB-Daten

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	47.94	65.39	50.52	82.63	38
Y_{Ma}	90.37	−10.26	91.75	92.32	96
L_{Ma}	50.9	−62.83	34.96	71.91	151
C_{Ma}	58.62	−30.34	−45.01	54.3	236
V_{Ma}	25.72	31.1	−44.4	54.22	305
M_{Ma}	48.13	75.28	−8.36	75.74	354
N_{Ma}	18.01	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	39.92	58.66	26.98	64.57	25
J_{CIE}	81.26	−2.16	67.76	67.79	92
G_{CIE}	52.23	−42.25	11.76	43.87	164
B_{CIE}	30.57	1.15	−46.84	46.86	271

%Regularität

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

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

0,75

0,25

0,00

0,25 0,50 0,75 1,00

relative Buntheit *c**

Schwarzheit *n**

*n** = 1,0 *n** = 0,50 *n** = 0,25 *n** = 0,00

NG570−7, 5 stufige Reihen für konstanten CIELAB Buntton 210/360 = 0.583 (links) 5 stufige Reihen für konstanten CIELAB Buntton 236/360 = 0.656 (rechts)

BAM-Prüfvorlage NG57; Farbmetrik-Systeme SRS18 & ORS18 input: *olv* setrgbcolor*
D65: 2 Koordinatendaten; 5stufige Farbreihen für 10 Bunttöne output: *olv* setrgbcolor / w* setgray*

Siehe ähnliche Dateien: http://www.ps.bam.de/NG57/
Technische Information: http://www.ps.bam.de Version 2.1, io=1,1, CIELAB

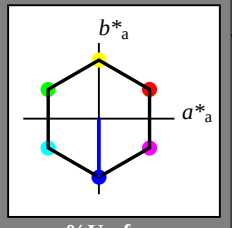
BAM-Registrierung: 20060101-NG57/10L/L57G03FP.PS/.PDF BAM-Material: Code=rha4ta
Anwendung für Beurteilung und Messung von Drucker− oder Monitorsystemen
/NG57/ Form: 4/10, Serie: 1/1, Seite: 4 Sattenz hlung 4

Eingabe: Farbmetrisches Standard-Reflektiv-System SRS18

für Buntton *h = lab*h = 270/360 = 0.75**
lab*tch* und *lab*nch

D65: Buntton V
LCH*Ma: 57 77 270
olv*Ma: 0.0 0.0 1.0

Dreiecks-Helligkeit *t**



%Umfang
u*rel = 100

SRS18; adaptierte CIELAB-Daten

	L*=L*a	a*a	b*a	C*ab,a	h*ab,a
O_{Ma}	56.71	67.03	38.7	77.4	30
Y_{Ma}	56.71	0.0	77.4	77.4	90
L_{Ma}	56.71	−67.02	38.7	77.4	150
C_{Ma}	56.71	−67.02	−38.69	77.4	210
V_{Ma}	56.71	0.0	−77.39	77.4	270
M_{Ma}	56.71	67.03	−38.69	77.4	330
N_{Ma}	18.01	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	−2.88	71.56	71.62	92
G_{CIE}	52.23	−42.41	13.6	44.55	162
B_{CIE}	30.57	1.41	−46.46	46.49	272

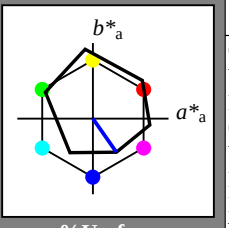
%Regularität
g*H,rel = 100
g*C,rel = 100

Ausgabe: Farbmetrisches Offset-Reflektiv-System ORS18

für Buntton *h = lab*h = 305/360 = 0.847**
lab*tch* und *lab*nch

D65: Buntton V
LCH*Ma: 26 54 305
olv*Ma: 0.0 0.0 1.0

Dreiecks-Helligkeit *t**

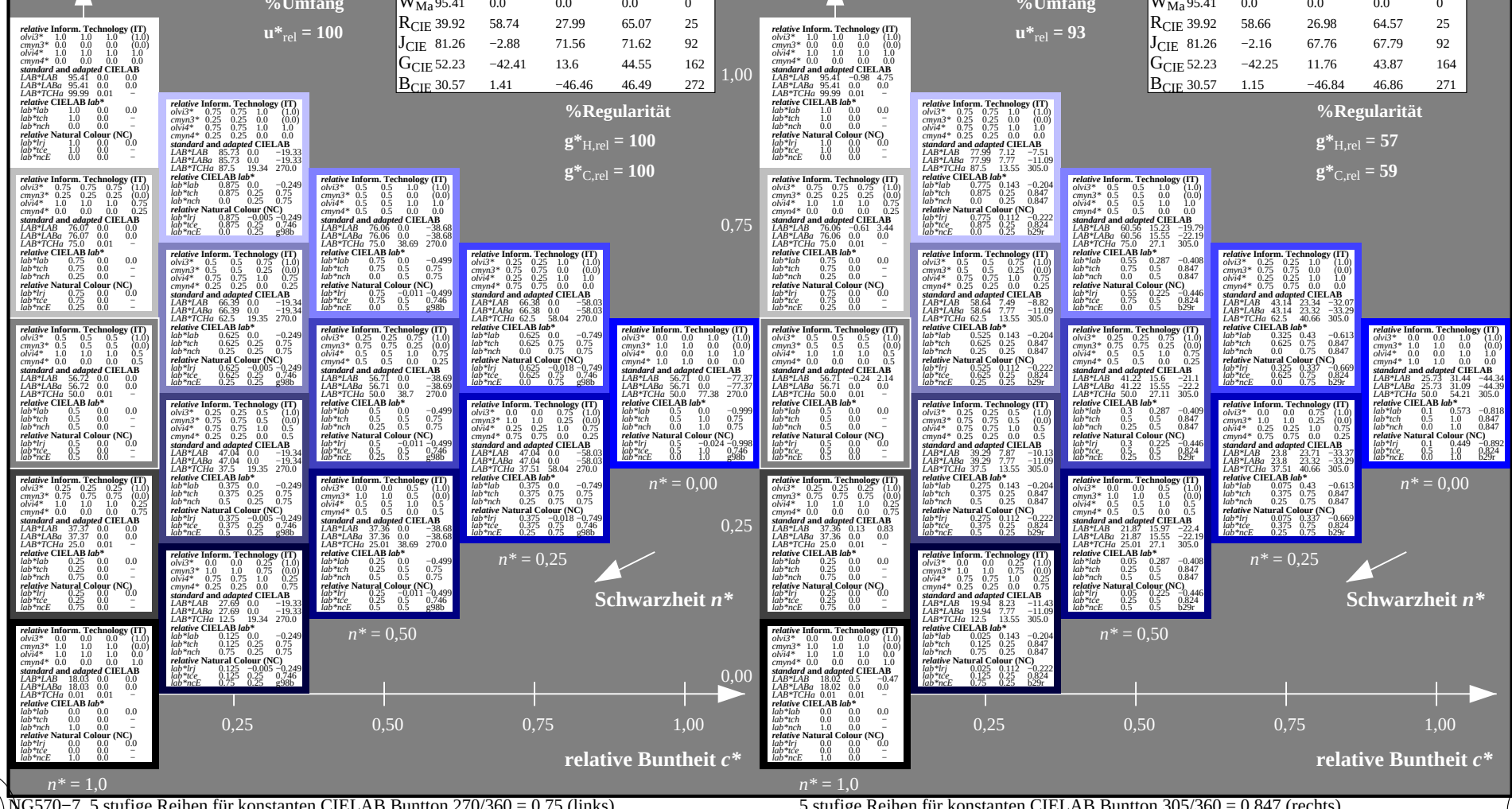


%Umfang
u*rel = 93

ORS18; adaptierte CIELAB-Daten

	L*=L*a	a*a	b*a	C*ab,a	h*ab,a
O_{Ma}	47.94	65.39	50.52	82.63	38
Y_{Ma}	90.37	−10.26	91.75	92.32	96
L_{Ma}	50.9	−62.83	34.96	71.91	151
C_{Ma}	58.62	−30.34	−45.01	54.3	236
V_{Ma}	25.72	31.1	−44.4	54.22	305
M_{Ma}	48.13	75.28	−8.36	75.74	354
N_{Ma}	18.01	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	39.92	58.66	26.98	64.57	25
J_{CIE}	81.26	−2.16	67.76	67.79	92
G_{CIE}	52.23	−42.25	11.76	43.87	164
B_{CIE}	30.57	1.15	−46.84	46.86	271

%Regularität
g*H,rel = 57
g*C,rel = 59



NG570−7, 5 stufige Reihen für konstanten CIELAB Buntton 270/360 = 0.75 (links)

5 stufige Reihen für konstanten CIELAB Buntton 305/360 = 0.847 (rechts)

BAM-Prüfvorlage NG57; Farbmetrik-Systeme SRS18 & ORS18 input: *olv* setrgbcolor*
D65: 2 Koordinatendaten; 5stufige Farbreihen für 10 Bunttöne output: *olv* setrgbcolor / w* setgray*

Siehe ähnliche Dateien: http://www.ps.bam.de/NG57/
Technische Information: http://www.ps.bam.de Version 2.1, io=1,1, CIELAB

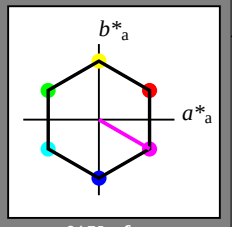
BAM-Registrierung: 20060101-NG57/10L/L57G04FP.PS/.PDF BAM-Material: Code=rha4ta
Anwendung für Beurteilung und Messung von Drucker− oder Monitorsystemen
/NG57/ Form: 5/10. Serie: 1/1, Seite: 5 Sattelstreifung 5

Eingabe: Farbmetrisches Standard-Reflektiv-System SRS18

für Buntton *h = lab*h = 330/360 = 0.917**
lab*tch* und *lab*nch

D65: Buntton M
LCH*Ma: 57 77 330
olv*Ma: 1.0 0.0 1.0

Dreiecks-Helligkeit *t**



%Umfang
u*rel = 100

SRS18; adaptierte CIELAB-Daten

	L*=L*a	a*a	b*a	C*ab,a	h*ab,a
O_{Ma}	56.71	67.03	38.7	77.4	30
Y_{Ma}	56.71	0.0	77.4	77.4	90
L_{Ma}	56.71	−67.02	38.7	77.4	150
C_{Ma}	56.71	−67.02	−38.69	77.4	210
V_{Ma}	56.71	0.0	−77.39	77.4	270
M_{Ma}	56.71	67.03	−38.69	77.4	330
N_{Ma}	18.01	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	−2.88	71.56	71.62	92
G_{CIE}	52.23	−42.41	13.6	44.55	162
B_{CIE}	30.57	1.41	−46.46	46.49	272

%Regularität
g*H,rel = 100
g*C,rel = 100

1,00
0,75
0,25
0,00

*n** = 1,0 · *n** = 0,50 · *n** = 0,25 · *n** = 0,00

Schwarzheit *n**

0,25 · 0,50 · 0,75 · 1,00

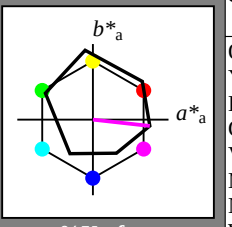
relative Buntheit *c**

Ausgabe: Farbmetrisches Offset-Reflektiv-System ORS18

für Buntton *h = lab*h = 354/360 = 0.982**
lab*tch* und *lab*nch

D65: Buntton M
LCH*Ma: 48 76 354
olv*Ma: 1.0 0.0 1.0

Dreiecks-Helligkeit *t**



%Umfang
u*rel = 93

ORS18; adaptierte CIELAB-Daten

	L*=L*a	a*a	b*a	C*ab,a	h*ab,a
O_{Ma}	47.94	65.39	50.52	82.63	38
Y_{Ma}	90.37	−10.26	91.75	92.32	96
L_{Ma}	50.9	−62.83	34.96	71.91	151
C_{Ma}	58.62	−30.34	−45.01	54.3	236
V_{Ma}	25.72	31.1	−44.4	54.22	305
M_{Ma}	48.13	75.28	−8.36	75.74	354
N_{Ma}	18.01	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	39.92	58.66	26.98	64.57	25
J_{CIE}	81.26	−2.16	67.76	67.79	92
G_{CIE}	52.23	−42.25	11.76	43.87	164
B_{CIE}	30.57	1.15	−46.84	46.86	271

%Regularität
g*H,rel = 57
g*C,rel = 59

*n** = 1,0 · *n** = 0,50 · *n** = 0,25 · *n** = 0,00

Schwarzheit *n**

0,25 · 0,50 · 0,75 · 1,00

relative Buntheit *c**

NG570−7, 5 stufige Reihen für konstanten CIELAB Buntton 330/360 = 0.917 (links)

5 stufige Reihen für konstanten CIELAB Buntton 354/360 = 0.982 (rechts)

BAM-Prüfvorlage NG57; Farbmetrik-Systeme SRS18 & ORS18 input: *olv* setrgbcolor*
D65: 2 Koordinatendaten; 5stufige Farbreihen für 10 Bunttöne output: *olv* setrgbcolor / w* setgray*

Siehe ähnliche Dateien: http://www.ps.bam.de/NG57/
Technische Information: http://www.ps.bam.de Version 2.1, io=1,1, CIELAB

BAM-Registrierung: 20060101-NG57/10L/L57G05FP.PS/.PDF BAM-Material: Code=rha4ta
Anwendung für Beurteilung und Messung von Drucker− oder Monitorsystemen
/NG57/ Form: 6/10, Serie: 1/1, Seite: 6 Seitenz hlung 6

Siehe ähnliche Dateien: http://www.ps.bam.de/NG57/
Technische Information: http://www.ps.bam.de Version 2.1, io=1,1, CIELAB

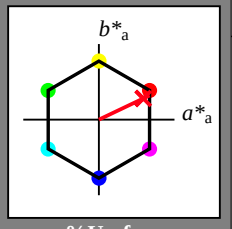
BAM-Registrierung: 20060101-NG57/10L/L57G06FP.PS/.PDF BAM-Material: Code=rha4ta
Anwendung für Beurteilung und Messung von Drucker– oder Monitorsystemen
/NG57/ Form: 7/10, Serie: 1/1, Seite: 7 Sattelnz hlung 7

Eingabe: Farbmetrisches Standard-Reflektiv-System SRS18

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

D65: Buntton R
LCH*Ma: 57 74 25
olv*Ma: 1.0 0.0 0.09

Dreiecks-Helligkeit t^*



%Umfang

u^*_{rel} = 100

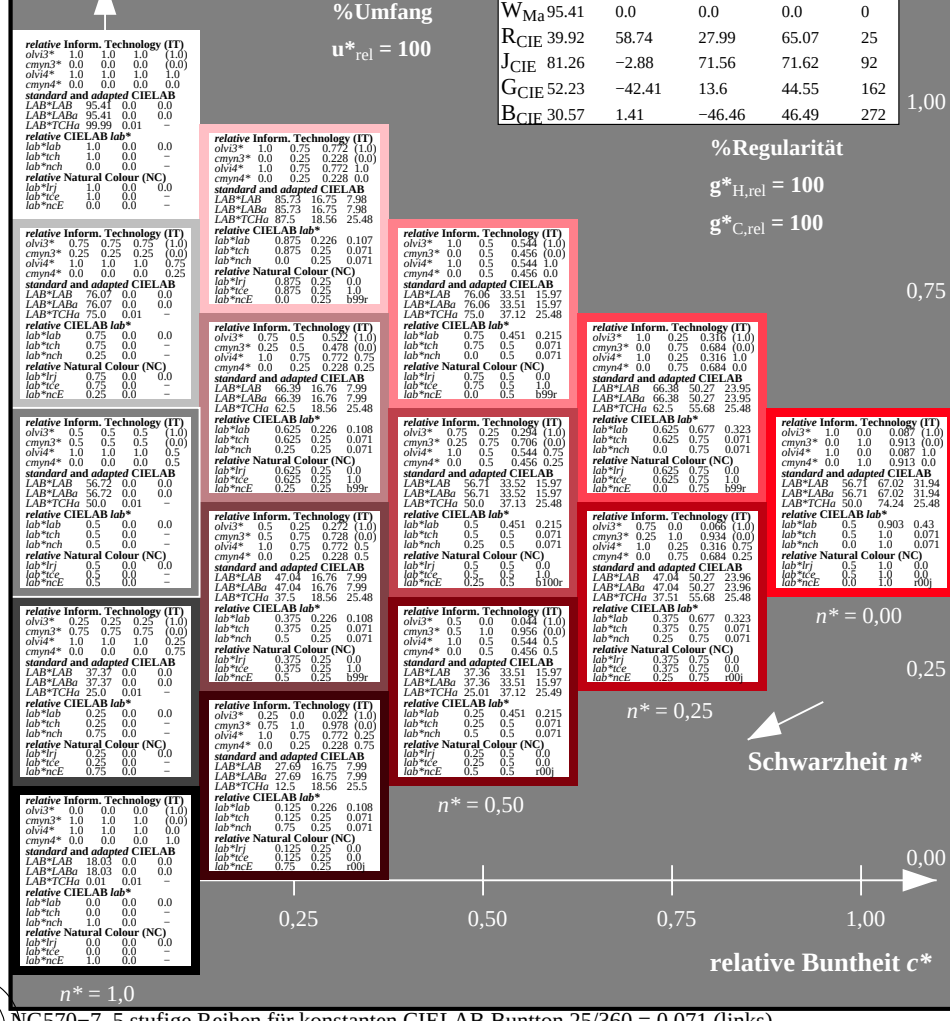
SRS18; adaptierte CIELAB-Daten

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	56.71	67.03	38.7	77.4	30
Y_{Ma}	56.71	0.0	77.4	77.4	90
L_{Ma}	56.71	−67.02	38.7	77.4	150
C_{Ma}	56.71	−67.02	−38.69	77.4	210
V_{Ma}	56.71	0.0	−77.39	77.4	270
M_{Ma}	56.71	67.03	−38.69	77.4	330
N_{Ma}	18.01	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	−2.88	71.56	71.62	92
G_{CIE}	52.23	−42.41	13.6	44.55	162
B_{CIE}	30.57	1.41	−46.46	46.49	272

%Regularität

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

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

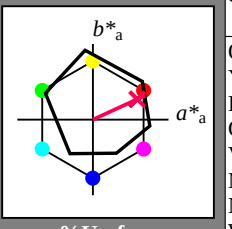


Ausgabe: Farbmetrisches Offset-Reflektiv-System ORS18

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

D65: Buntton R
LCH*Ma: 48 75 25
olv*Ma: 1.0 0.0 0.32

Dreiecks-Helligkeit t^*



%Umfang

u^*_{rel} = 93

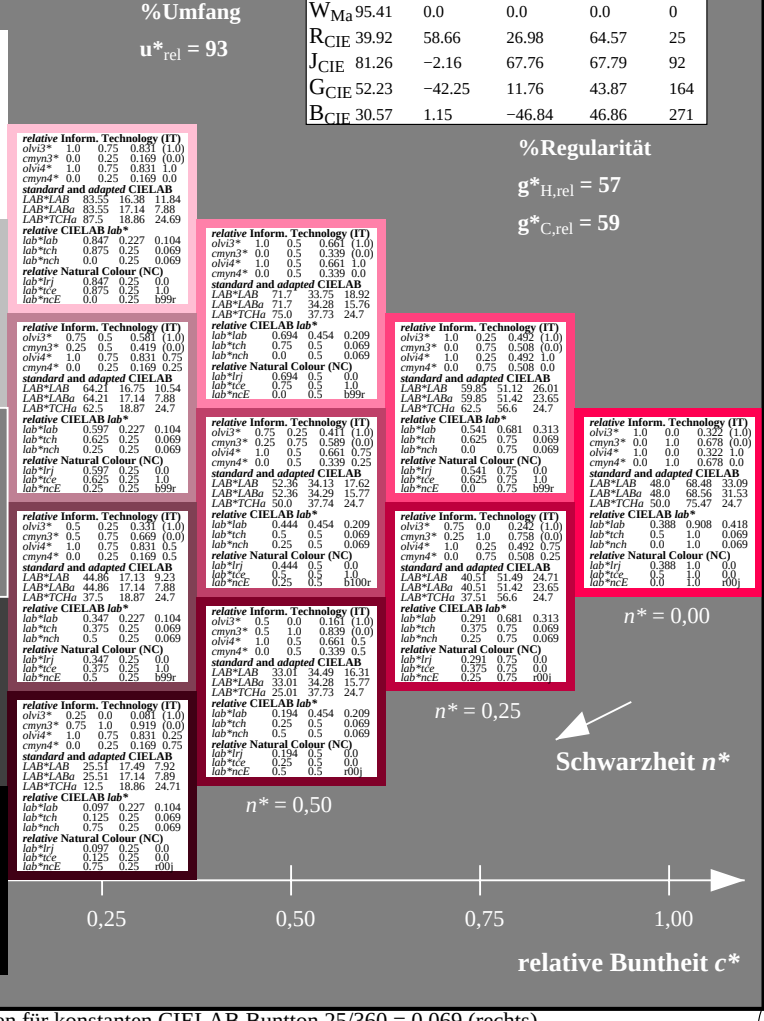
ORS18; adaptierte CIELAB-Daten

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	47.94	65.39	50.52	82.63	38
Y_{Ma}	90.37	−10.26	91.75	92.32	96
L_{Ma}	50.9	−62.83	34.96	71.91	151
C_{Ma}	58.62	−30.34	−45.01	54.3	236
V_{Ma}	25.72	31.1	−44.4	54.22	305
M_{Ma}	48.13	75.28	−8.36	75.74	354
N_{Ma}	18.01	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	39.92	58.66	26.98	64.57	25
J_{CIE}	81.26	−2.16	67.76	67.79	92
G_{CIE}	52.23	−42.25	11.76	43.87	164
B_{CIE}	30.57	1.15	−46.84	46.86	271

%Regularität

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

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



NG570−7, 5 stufige Reihen für konstanten CIELAB Buntton 25/360 = 0.071 (links) 5 stufige Reihen für konstanten CIELAB Buntton 25/360 = 0.069 (rechts)

BAM-Prüfvorlage NG57; Farbmetrik-Systeme SRS18 & ORS18 input: *olv* setrgbcolor*
D65: 2 Koordinatendaten; 5stufige Farbreihen für 10 Bunttöne output: *olv* setrgbcolor / w* setgray*

Siehe ähnliche Dateien: http://www.ps.bam.de/NG57/
Technische Information: http://www.ps.bam.de Version 2.1, io=1,1, CIELAB

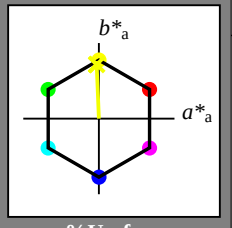
BAM-Registrierung: 20060101-NG57/10L/L57G07FP.PS/.PDF BAM-Material: Code=rha4ta
Anwendung für Beurteilung und Messung von Drucker– oder Monitorsystemen
/NG57/ Form: 8/10. Serie: 1/1, Seite: 8 Sattelstreifen 8

Eingabe: Farbmetrisches Standard-Reflektiv-System SRS18

für Buntton *h = lab*h = 92/360 = 0.256**
lab*tch* und *lab*nch

D65: Buntton J
LCH*Ma: 57 76 92
olv*Ma: 0.95 1.0 0.0

Dreiecks-Helligkeit *t**

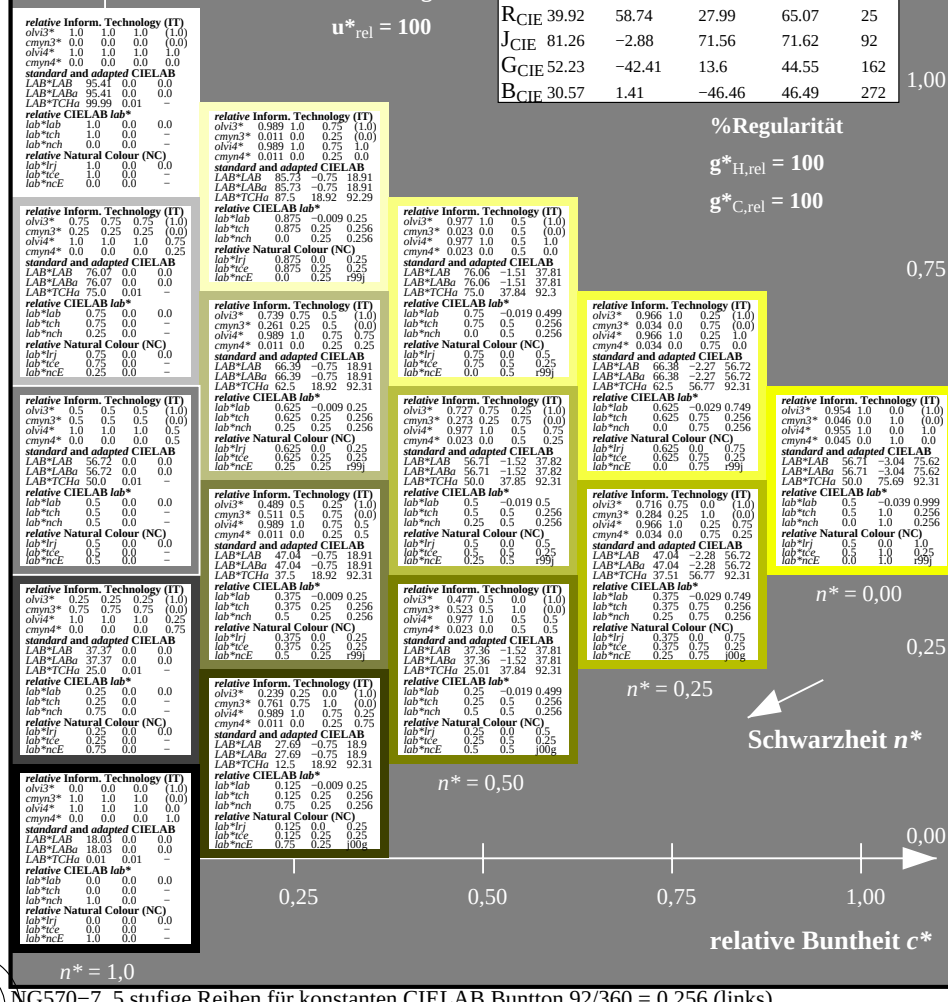


%Umfang
u*rel = 100

SRS18; adaptierte CIELAB-Daten

	L*=L*a	a*a	b*a	C*ab,a	h*ab,a
O_{Ma}	56.71	67.03	38.7	77.4	30
Y_{Ma}	56.71	0.0	77.4	77.4	90
L_{Ma}	56.71	−67.02	38.7	77.4	150
C_{Ma}	56.71	−67.02	−38.69	77.4	210
V_{Ma}	56.71	0.0	−77.39	77.4	270
M_{Ma}	56.71	67.03	−38.69	77.4	330
N_{Ma}	18.01	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	−2.88	71.56	71.62	92
G_{CIE}	52.23	−42.41	13.6	44.55	162
B_{CIE}	30.57	1.41	−46.46	46.49	272

%Regularität
g*H,rel = 100
g*C,rel = 100

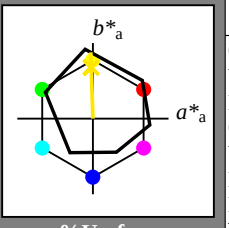


Ausgabe: Farbmetrisches Offset-Reflektiv-System ORS18

für Buntton *h = lab*h = 92/360 = 0.255**
lab*tch* und *lab*nch

D65: Buntton J
LCH*Ma: 86 88 92
olv*Ma: 1.0 0.9 0.0

Dreiecks-Helligkeit *t**

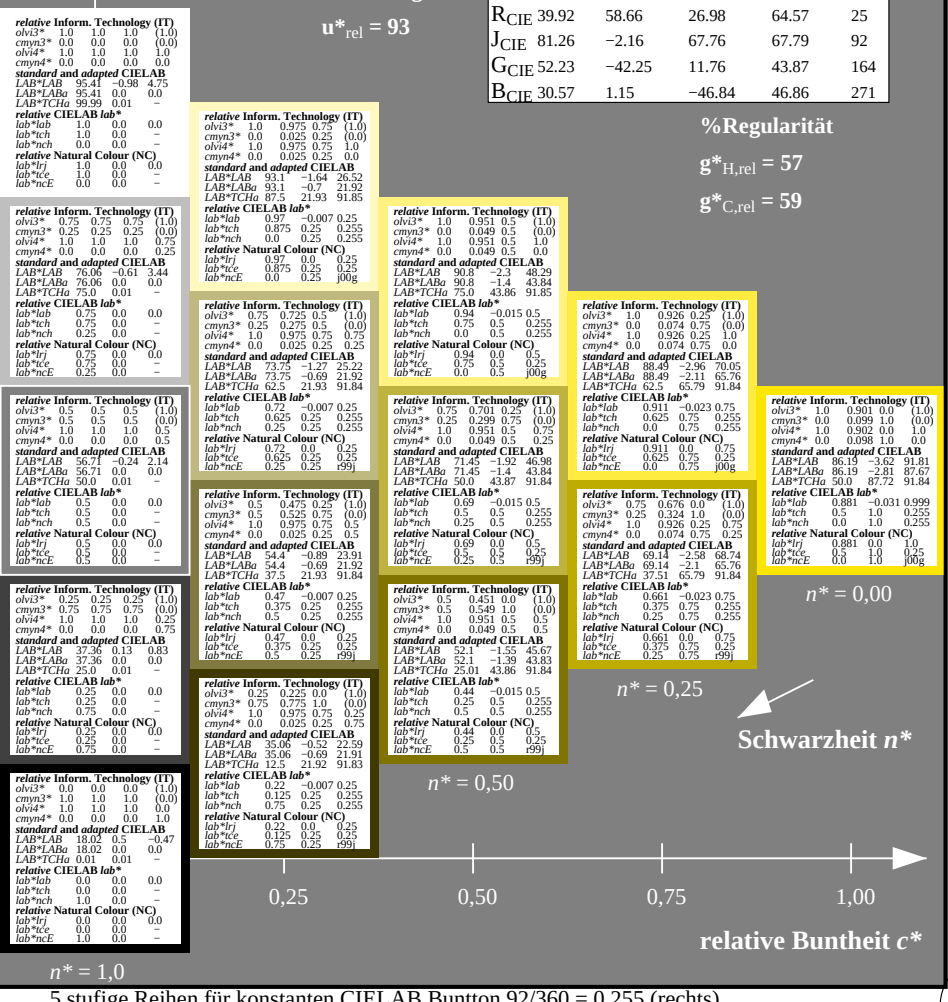


%Umfang
u*rel = 93

ORS18; adaptierte CIELAB-Daten

	L*=L*a	a*a	b*a	C*ab,a	h*ab,a
O_{Ma}	47.94	65.39	50.52	82.63	38
Y_{Ma}	90.37	−10.26	91.75	92.32	96
L_{Ma}	50.9	−62.83	34.96	71.91	151
C_{Ma}	58.62	−30.34	−45.01	54.3	236
V_{Ma}	25.72	31.1	−44.4	54.22	305
M_{Ma}	48.13	75.28	−8.36	75.74	354
N_{Ma}	18.01	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	39.92	58.66	26.98	64.57	25
J_{CIE}	81.26	−2.16	67.76	67.79	92
G_{CIE}	52.23	−42.25	11.76	43.87	164
B_{CIE}	30.57	1.15	−46.84	46.86	271

%Regularität
g*H,rel = 57
g*C,rel = 59



NG570−7, 5 stufige Reihen für konstanten CIELAB Buntton 92/360 = 0.256 (links)

5 stufige Reihen für konstanten CIELAB Buntton 92/360 = 0.255 (rechts)

BAM-Prüfvorlage NG57; Farbmetrik-Systeme SRS18 & ORS18 input: *olv* setrgbcolor*
D65: 2 Koordinatendaten; 5stufige Farbreihen für 10 Bunttöne output: *olv* setrgbcolor / w* setgray*

Siehe ähnliche Dateien: http://www.ps.bam.de/NG57/
Technische Information: http://www.ps.bam.de Version 2.1, io=1,1, CIELAB

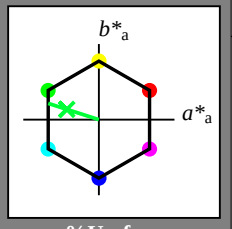
BAM-Registrierung: 20060101-NG57/10L/L57G08FP.PS/.PDF BAM-Material: Code=rha4ta
Anwendung für Beurteilung und Messung von Drucker– oder Monitorsystemen
/NG57/ Form: 9/10. Serie: 1/1, Seite: 9 Sattenz hlung 9

Eingabe: Farbmetrisches Standard-Reflektiv-System SRS18

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

D65: Buntton G
LCH*Ma: 57 70 162
olv*Ma: 0.0 1.0 0.22

Dreiecks-Helligkeit *t**



%Umfang
u^*_{rel} = 100

SRS18; adaptierte CIELAB-Daten

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	56.71	67.03	38.7	77.4	30
Y_{Ma}	56.71	0.0	77.4	77.4	90
L_{Ma}	56.71	−67.02	38.7	77.4	150
C_{Ma}	56.71	−67.02	−38.69	77.4	210
V_{Ma}	56.71	0.0	−77.39	77.4	270
M_{Ma}	56.71	67.03	−38.69	77.4	330
N_{Ma}	18.01	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	−2.88	71.56	71.62	92
G_{CIE}	52.23	−42.41	13.6	44.55	162
B_{CIE}	30.57	1.41	−46.46	46.49	272

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

1,00

0,75

0,25

0,00

n^* = 1,0 n^* = 0,50 n^* = 0,25 n^* = 0,00

Schwarzheit *n**

0,25 0,50 0,75 1,00

relative Buntheit *c**

relative Inform. Technology (IT)				
olvi3*	1.0	1.0	1.0	(1.0)
cmyn3*	0.0	0.0	0.0	(0.0)
olvi4*	1.0	1.0	1.0	1.0
cmyn4*	0.0	0.0	0.0	0.0
standard and adapted CIELAB				
LAB*LAB	95.41	0.0	0.0	
LAB*LABa	95.41	0.0	0.0	
LAB*TCHa	99.99	0.01	–	
relative CIELAB lab*				
lab*lab	1.0	0.0	0.0	
lab*tch	1.0	0.0	–	
lab*nch	0.0	0.0	–	
relative Natural Colour (NC)				
lab*lrj	1.0	0.0	0.0	
lab*tce	1.0	0.0	–	
lab*ncE	0.0	0.0	–	

relative Inform. Technology (IT)				
olvi3*	0.75	1.0	0.806	(1.0)
cmyn3*	0.25	0.0	0.194	(0.0)
olvi4*	0.75	1.0	0.806	1.0
cmyn4*	0.25	0.0	0.194	0.0
standard and adapted CIELAB				
LAB*LAB	85.73	−16.74	5.37	
LAB*LABa	85.73	−16.74	5.37	
LAB*TCHa	87.5	17.59	162.23	
relative CIELAB lab*				
lab*lab	0.875	−0.237	0.076	
lab*tch	0.875	0.25	0.451	
lab*nch	0.0	0.25	0.451	
relative Natural Colour (NC)				
lab*lrj	0.875	−0.249	0.0	
lab*tce	0.875	0.25	0.5	
lab*ncE	0.0	0.25	g00b	

relative Inform. Technology (IT)				
olvi3*	0.5	1.0	0.611	(1.0)
cmyn3*	0.5	0.0	0.389	(0.0)
olvi4*	0.5	1.0	0.611	1.0
cmyn4*	0.5	0.0	0.389	0.0
standard and adapted CIELAB				
LAB*LAB	76.06	−33.5	10.74	
LAB*LABa	76.06	−33.5	10.74	
LAB*TCHa	75.0	35.19	162.23	
relative CIELAB lab*				
lab*lab	0.75	−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	0.75	−0.499	0.0	
lab*tce	0.75	0.5	0.5	
lab*ncE	0.0	0.5	g00b	

relative Inform. Technology (IT)				
olvi3*	0.25	1.0	0.417	(1.0)
cmyn3*	0.75	0.0	0.583	(0.0)
olvi4*	0.25	1.0	0.417	1.0
cmyn4*	0.75	0.0	0.583	0.0
standard and adapted CIELAB				
LAB*LAB	66.38	−50.26	16.11	
LAB*LABa	66.38	−50.26	16.11	
LAB*TCHa	62.5	52.79	162.23	
relative CIELAB lab*				
lab*lab	0.625	−0.713	0.229	
lab*tch	0.625	0.75	0.451	
lab*nch	0.0	0.75	0.451	
relative Natural Colour (NC)				
lab*lrj	0.625	−0.749	0.0	
lab*tce	0.625	0.75	0.5	
lab*ncE	0.0	0.75	g00b	

relative Inform. Technology (IT)				
olvi3*	0.0	1.0	0.222	(1.0)
cmyn3*	1.0	0.0	0.778	(0.0)
olvi4*	0.0	1.0	0.222	1.0
cmyn4*	1.0	0.0	0.778	0.0
standard and adapted CIELAB				
LAB*LAB	56.71	−67.01	21.49	
LAB*LABa	56.71	−67.01	21.49	
LAB*TCHa	50.0	70.38	162.22	
relative CIELAB lab*				
lab*lab	0.5	−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	0.5	−0.999	0.0	
lab*tce	0.5	1.0	0.5	
lab*ncE	0.0	1.0	j99g	

relative Inform. Technology (IT)				
olvi3*	0.5	0.5	0.5	(1.0)
cmyn3*	0.5	0.5	0.5	(0.0)
olvi4*	1.0	1.0	1.0	0.5
cmyn4*	0.0	0.0	0.0	0.5
standard and adapted CIELAB				
LAB*LAB	56.72	0.0	0.0	
LAB*LABa	56.72	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*	0.5	0.5	0.556	(1.0)
cmyn3*	0.5	0.25	0.444	(0.0)
olvi4*	0.75	1.0	0.806	0.75
cmyn4*	0.25	0.0	0.194	0.25
standard and adapted CIELAB				
LAB*LAB	66.39	−16.75	5.37	
LAB*LABa	66.39	−16.75	5.37	
LAB*TCHa	62.5	17.6	162.22	
relative CIELAB lab*				
lab*lab	0.625	−0.249	0.0	
lab*tch	0.625	0.25	0.5	
lab*nch	0.25	0.25	j99g	

relative Inform. Technology (IT)				
olvi3*	0.25	0.75	0.361	(1.0)
cmyn3*	0.75	0.25	0.639	(0.0)
olvi4*	0.5	1.0	0.611	0.75
cmyn4*	0.5	0.0	0.389	0.25
standard and adapted CIELAB				
LAB*LAB	56.71	−33.5	10.75	
LAB*LABa	56.71	−33.5	10.75	
LAB*TCHa	50.0	35.2	162.22	
relative CIELAB lab*				
lab*lab	0.5	−0.475	0.153	
lab*tch	0.5	0.5	0.451	
lab*nch	0.25	0.5	0.451	
relative Natural Colour (NC)				
lab*lrj	0.5	−0.499	0.0	
lab*tce	0.5	0.5	0.5	
lab*ncE	0.25	0.5	j100g	

relative Inform. Technology (IT)				
olvi3*	0.25	0.5	0.306	(1.0)
cmyn3*	0.75	0.5	0.694	(0.0)
olvi4*	0.75	1.0	0.806	0.5
cmyn4*	0.25	0.0	0.194	0.5
standard and adapted CIELAB				
LAB*LAB	47.04	−16.75	5.37	
LAB*LABa	47.04	−16.75	5.37	
LAB*TCHa	37.5	17.6	162.22	
relative CIELAB lab*				
lab*lab	0.375	−0.237	0.076	
lab*tch	0.375	0.25	0.451	
lab*nch	0.5	0.25	0.451	
relative Natural Colour (NC)				
lab*lrj	0.375	−0.249	0.0	
lab*tce	0.375	0.25	0.5	
lab*ncE	0.5	0.25	j99g	

relative Inform. Technology (IT)				
olvi3*	0.0	0.5	0.111	(1.0)
cmyn3*	1.0	0.5	0.889	(0.0)
olvi4*	0.5	1.0	0.611	0.5
cmyn4*	0.5	0.0	0.389	0.5
standard and adapted CIELAB				
LAB*LAB	37.36	−33.5	10.75	
LAB*LABa	37.36	−33.5	10.75	
LAB*TCHa	25.01	35.19	162.21	
relative CIELAB lab*				
lab*lab	0.25	−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	0.25	−0.499	0.0	
lab*tce	0.25	0.5	0.5	
lab*ncE	0.5	0.5	j99g	

relative Inform. Technology (IT)				
olvi3*	0.0	0.25	0.056	(1.0)
cmyn3*	1.0	0.75	0.944	(0.0)
olvi4*	0.75	1.0	0.806	0.25
cmyn4*	0.25	0.0	0.194	0.75
standard and adapted CIELAB				
LAB*LAB	27.69	−16.74	5.38	
LAB*LABa	27.69	−16.74	5.38	
LAB*TCHa	12.5	17.59	162.21	
relative CIELAB lab*				
lab*lab	0.125	−0.237	0.076	
lab*tch	0.125	0.25	0.451	
lab*nch	0.75	0.25	0.451	
relative Natural Colour (NC)				
lab*lrj	0.125	−0.249	0.0	
lab*tce	0.125	0.25	0.5	
lab*ncE	0.75	0.25	j99g	

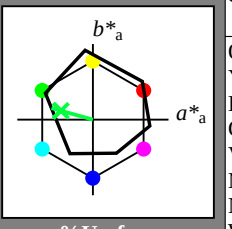
relative Inform. Technology (IT)				
olvi3*	0.0	0.0	0.0	(1.0)
cmyn3*	1.0	1.0	1.0	(0.0)
olvi4*	1.0	1.0	1.0	0.0
cmyn4*	0.0	0.0	0.0	1.0
standard and adapted CIELAB				
LAB*LAB	18.03	0.0	0.0	
LAB*LABa	18.03	0.0	0.0	
LAB*TCHa	0.01	0.01	–	
relative CIELAB lab*				
lab*lab	0.0	0.0	0.0	
lab*tch	0.0	0.0	–	
lab*nch	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	–	

Ausgabe: Farbmetrisches Offset-Reflektiv-System ORS18

für Buntton *h = lab*h = 164/360 = 0.457***
lab*tch* und *lab*nch

D65: Buntton G
LCH*Ma: 53 57 164
olv*Ma: 0.0 1.0 0.25

Dreiecks-Helligkeit *t**



%Umfang
u^*_{rel} = 93

ORS18; adaptierte CIELAB-Daten

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	47.94	65.39	50.52	82.63	38
Y_{Ma}	90.37	−10.26	91.75	92.32	96
L_{Ma}	50.9	−62.83	34.96	71.91	151
C_{Ma}	58.62	−30.34	−45.01	54.3	236
V_{Ma}	25.72	31.1	−44.4	54.22	305
M_{Ma}	48.13	75.28	−8.36	75.74	354
N_{Ma}	18.01	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	39.92	58.66	26.98	64.57	25
J_{CIE}	81.26	−2.16	67.76	67.79	92
G_{CIE}	52.23	−42.25	11.76	43.87	164
B_{CIE}	30.57	1.15	−46.84	46.86	271

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

1,00

0,75

0,25

0,00

n^* = 1,0 n^* = 0,50 n^* = 0,25 n^* = 0,00

Schwarzheit *n**

0,25 0,50 0,75 1,00

relative Buntheit *c**

relative Inform. Technology (IT)				
olvi3*	1.0	1.0	1.0	(1.0)
cmyn3*	0.0	0.0	0.0	(0.0)
olvi4*	1.0	1.0	1.0	1.0
cmyn4*	0.0	0.0	0.0	0.0
standard and adapted CIELAB				
LAB*LAB	95.41	−0.98	4.75	
LAB*LABa	95.41	0.0	0.0	
LAB*TCHa	99.99	0.01	–	
relative CIELAB lab*				
lab*lab	1.0	0.0	0.0	
lab*tch	1.0	0.0	–	
lab*nch	0.0	0.0	–	
relative Natural Colour (NC)				
lab*lrj	1.0	0.0	0.0	
lab*tce	1.0	0.0	–	
lab*ncE	0.0	0.0	–	

relative Inform. Technology (IT)				
olvi3*	0.75	0.75	0.75	(1.0)
cmyn3*	0.25	0.25	0.25	(0.0)
olvi4*	1.0	1.0	1.0	0.75
cmyn4*	0.0	0.0	0.0	0.25
standard and adapted CIELAB				
LAB*LAB	76.06	−0.61	3.44	
LAB*LABa	76.06	0.0	0.0	
LAB*TCHa	75.0	0.01	–	
relative CIELAB lab*				
lab*lab	0.75	0.0	0.0	
lab*tch	0.75	0.0	–	
lab*nch	0.25	0.0	–	
relative Natural Colour (NC)				
lab*lrj	0.75	0.0	0.0	
lab*tce	0.75	0.0	–	
lab*ncE	0.25	0.0	–	

relative Inform. Technology (IT)				
olvi3*	0.5	0.5	0.5	(1.0)
cmyn3*	0.5	0.5	0.5	(0.0)
olvi4*	1.0	1.0	1.0	0.5
cmyn4*	0.0	0.0	0.0	0.5
standard and adapted CIELAB				
LAB*LAB	56.71	−0.24	2.14	
LAB*LABa	56.71	0.0	0.0	
LAB*TCHa	50.0	0.01	–	
relative CIELAB lab*				
lab*lab	0.5	0.0	0.0	
lab*tch	0.5	0.0	–	
lab*nch	0.5	0.0	–	
relative Natural Colour (NC)				
lab*lrj	0.5	0.0	0.0	
lab*tce	0.5	0.0	–	
lab*ncE	0.5	0.0	–	

relative Inform. Technology (IT)				
olvi3*	0.0	0.75	0.167	(1.0)
cmyn3*	1.0	0.25	0.833	(0.0)
olvi4*	0.25	1.0	0.417	0.75
cmyn4*	0.75	0.0	0.583	0.25
standard and adapted CIELAB				
LAB*LAB	47.04	−50.26	16.12	
LAB*LABa	47.04	−50.26	16.12	
LAB*TCHa	37.51	52.79	162.22	
relative CIELAB lab*				
lab*lab	0.375	−0.713	0.229	
lab*tch	0.375	0.75	0.451	
lab*nch	0.25	0.75	0.451	
relative Natural Colour (NC)				
lab*lrj	0.375	−0.749	0.0	
lab*tce	0.375	0.75	0.5	
lab*ncE	0.25	0.75	j99g	

relative Inform. Technology (IT)				
olvi3*	0.75	1.0	0.812	(1.0)
cmyn3*	0.25	0.0	0.188	(0.0)
olvi4*	0.75	1.0	0.812	1.0
cmyn4*	0.25	0.0	0.188	0.0
standard and adapted CIELAB				
LAB*LAB	84.75	−14.48	7.85	
LAB*LABa	84.75	−13.69	3.81	
LAB*TCHa	87.5	14.22	164.46	
relative CIELAB lab*				
lab*lab	0.862	−0.24	0.067	
lab*tch	0.875	0.25	0.457	
lab*nch	0.0	0.25	0.457	
relative Natural Colour (NC)				
lab*lrj	0.862	−0.249	0.0	
lab*tce	0.875	0.25	0.5	
lab*ncE	0.0	0.25	g00b	

relative Inform. Technology (IT)				
olvi3*	0.5	0.75	0.562	(1.0)
cmyn3*	0.5	0.25	0.438	(0.0)
olvi4*	0.75	1.0	0.812	0.75
cmyn4*	0.25	0.0	0.188	0.25
standard and adapted CIELAB				
LAB*LAB	65.41	−14.11	6.55	
LAB*LABa	65.41	−13.7	3.81	
LAB*TCHa	62.5	14.23	164.45	
relative CIELAB lab*				
lab*lab	0.612	−0.24	0.067	
lab*tch	0.625	0.25	0.457	
lab*nch	0.25	0.25	0.457	
relative Natural Colour (NC)				
lab*lrj	0.612	−0.249	0.0	
lab*tce	0.625	0.25	0.5	
lab*ncE	0.25	0.25	j99g	

relative Inform. Technology (IT)				
olvi3*	0.25	0.5	0.312	(1.0)
cmyn3*	0.75	0.5	0.688	(0.0)
olvi4*	0.75	1.0	0.812	0.5
cmyn4*	0.25	0.0	0.188	0.5
standard and adapted CIELAB				
LAB*LAB	46.06	−13.74	5.24	
LAB*LABa	46.06	−13.7	3.81	
LAB*TCHa	37.5	14.23	164.45	
relative CIELAB lab*				
lab*lab	0.362	−0.24	0.067	
lab*tch	0.375	0.25	0.457	
lab*nch	0.5	0.25	0.457	
relative Natural Colour (NC)				
lab*lrj	0.362	−0.249	0.0	
lab*tce	0.375	0.25	0.5	
lab*ncE	0.5	0.25	j99g	

relative Inform. Technology (IT)				
olvi3*	0.0	0.25	0.062	(1.0)
cmyn3*	1.0	0.75	0.938	(0.0)
olvi4*	0.75	1.0	0.812	0.25
cmyn4*	0.25	0.0	0.188	0.75
standard and adapted CIELAB				
LAB*LAB	26.71	−13.36	3.94	
LAB*LABa	26.71	−13.7	3.82	
LAB*TCHa	12.5	14.23	164.43	
relative CIELAB lab*				
lab*lab	0.112	−0.24	0.067	
lab*tch	0.125	0.25	0.457	
lab*nch	0.75	0.25	0.457	
relative Natural Colour (NC)				
lab*lrj	0.112	−0.249	0.0	
lab*tce	0.125	0.25	0.5	
lab*ncE	0.75	0.25	j99g	

relative Inform. Technology (IT)				
olvi3*	0.5	1.0	0.623	(1.0)
cmyn3*	0.5	0.0	0.377	(0.0)
olvi4*	0.5	1.0	0.623	1.0
cmyn4*	0.5	0.0	0.377	0.0
standard and adapted CIELAB				
LAB*LAB	74.1	−27.98	10.94	
LAB*LABa	74.1	−27.4	7.62	
LAB*TCHa	75.0	28.45	164.46	
relative CIELAB lab*				
lab*lab	0.725	−0.481	0.134	
lab*tch	0.75	0.5	0.457	
lab*nch	0.0	0.5	0.457	
relative Natural Colour (NC)				
lab*lrj	0.725	−0.499	0.0	
lab*tce	0.75	0.5	0.5	
lab*ncE	0.0	0.5	g00b	

relative Inform. Technology (IT)				
olvi3*	0.25	0.75	0.373	(1.0)
cmyn3*	0.75	0.25	0.627	(0.0)
olvi4*	0.5	1.0	0.623	0.75
cmyn4*	0.5	0.0	0.377	0.25
standard and adapted CIELAB				
LAB*LAB	54.76	−27.61	9.64	
LAB*LABa	54.76	−27.41	7.63	
LAB*TCHa	50.0	28.46	164.45	
relative CIELAB lab*				
lab*lab	0.475	−0.481	0.134	
lab*tch	0.5	0.5	0.457	
lab*nch	0.25	0.5	0.457	
relative Natural Colour (NC)				
lab*lrj	0.475	−0.499	0.0	
lab*tce	0.5	0.5	0.5	
lab*ncE	0.25	0.5	j99g	

relative Inform. Technology (IT)				
olvi3*	0.0	0.5	0.123	(1.0)
cmyn3*	1.0	0.5	0.877	(0.0)
olvi4*	0.5	1.0	0.623	0.5
cmyn4*	0.5	0.0	0.377	0.5
standard and adapted CIELAB				
LAB*LAB	35.41	−27.24	8.34	
LAB*LABa	35.41	−27.4	7.63	
LAB*TCHa	25.01	28.46	164.44	
relative CIELAB lab*				
lab*lab	0.225	−0.481	0.134	
lab*tch	0.25	0.5	0.457	
lab*nch	0.5	0.5	0.457	
relative Natural Colour (NC)				
lab*lrj	0.225	−0.499	0.0	
lab*tce	0.25	0.5	0.5	
lab*ncE	0.5	0.5	j99g	

relative Inform. Technology (IT)				
olvi3*	0.0	0.75	0.185	(1.0)
cmyn3*	1.0	0.25	0.815	(0.0)
olvi4*	0.25	1.0	0.435	0.75
cmyn4*	0.75	0.0	0.565	0.25
standard and adapted CIELAB				
LAB*LAB	44.11	−41.11	12.74	
LAB*LABa	44.11	−41.11	11.45	
LAB*TCHa	37.51	42.69	164.45	
relative CIELAB lab*				
lab*lab	0.337	−0.721	0.201	
lab*tch	0.375	0.75	0.457	
lab*nch	0.25	0.75	0.457	
relative Natural Colour (NC)				
lab*lrj	0.337	−0.749	0.0	
lab*tce	0.375	0.75	0.5	
lab*ncE	0.25	0.75	j99g	

relative Inform. Technology (IT)				
olvi3*	0.25	1.0	0.623	(1.0)
cmyn3*	0.75	0.0	0.565	(0.0)
olvi4*	0.25	1.0	0.435	1.0
cmyn4*	0.75	0.0	0.565	0.0
standard and adapted CIELAB				
LAB*LAB	63.45	−41.48	14.04	
LAB*LABa	63.45	−41.11	11.44	
LAB*TCHa	62.5	42.68	164.45	
relative CIELAB lab*				
lab*lab	0.587	−0.721	0.201	
lab*tch	0.625	0.75	0.457	
lab*nch	0.0	0.75	0.457	
relative Natural Colour (NC)				
lab*lrj	0.587	−0.749	0.0	
lab*tce	0.625	0.75	0.5	
lab*ncE	0.0	0.75	g00b	

relative Inform. Technology (IT)				
olvi3*	0.0	1.0	0.246	(1.0)
cmyn3*	1.0	0.0	0.754	(0.0)
olvi4*	0.0	1.0	0.246	1.0
cmyn4*	1.0	0.0	0.754	0.0
standard and adapted CIELAB				
LAB*LAB	52.8	−54.98	17.14	
LAB*LABa	52.8	−54.81	15.26	
LAB*TCHa	50.0	56.91	164.45	
relative CIELAB lab*				
lab*lab	0.45	−0.962	0.268	
lab*tch	0.5	1.0	0.457	
lab*nch	0.0	1.0	0.457	
relative Natural Colour (NC)				
lab*lrj	0.45	−0.999	0.0	
lab*tce	0.5	1.0	0.5	
lab*ncE	0.0	1.0	j99g	

NG570−7, 5 stufige Reihen für konstanten CIELAB Buntton 162/360 = 0.451 (links) 5 stufige Reihen für konstanten CIELAB Buntton 164/360 = 0.457 (rechts)

BAM-Prüfvorlage NG57; Farbmetrik-Systeme SRS18 & ORS18 input: *olv* setrgbcolor*
D65: 2 Koordinatendaten; 5stufige Farbreihen für 10 Bunttöne output: *olv* setrgbcolor / w* setgray*

Siehe ähnliche Dateien: http://www.ps.bam.de/NG57/
Technische Information: http://www.ps.bam.de Version 2.1, io=1,1, CIELAB

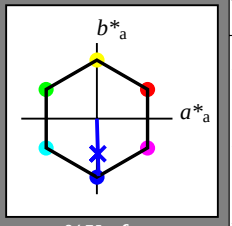
BAM-Registrierung: 20060101-NG57/10L/L57G09FP.PS/.PDF BAM-Material: Code=rha4ta
Anwendung für Beurteilung und Messung von Drucker– oder Monitorsystemen
/NG57/ Form: 10/10Serie: 1/1, Seite: 10 Sattenz hlung 10

Eingabe: Farbmetrisches Standard-Reflektiv-System SRS18

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

D65: Buntton B
LCH*Ma: 57 76 272
olv*Ma: 0.03 0.0 1.0

Dreiecks-Helligkeit *t**



%Umfang
u*rel = 100

SRS18; adaptierte CIELAB-Daten

	L*=L*a	a*a	b*a	C*ab,a	h*ab,a
O_{Ma}	56.71	67.03	38.7	77.4	30
Y_{Ma}	56.71	0.0	77.4	77.4	90
L_{Ma}	56.71	−67.02	38.7	77.4	150
C_{Ma}	56.71	−67.02	−38.69	77.4	210
V_{Ma}	56.71	0.0	−77.39	77.4	270
M_{Ma}	56.71	67.03	−38.69	77.4	330
N_{Ma}	18.01	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	−2.88	71.56	71.62	92
G_{CIE}	52.23	−42.41	13.6	44.55	162
B_{CIE}	30.57	1.41	−46.46	46.49	272

%Regularität
g*H,rel = 100
g*C,rel = 100

1,00

0,75

0,25

0,00

n* = 0,00

n* = 0,25

n* = 0,50

n* = 1,0

Schwarzheit *n**

0,25 0,50 0,75 1,00

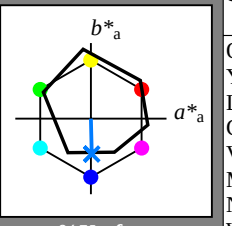
relative Buntheit *c**

Ausgabe: Farbmetrisches Offset-Reflektiv-System ORS18

für Buntton *h = lab*h = 271/360 = 0.754**
lab*tch* und *lab*nch

D65: Buntton B
LCH*Ma: 42 45 271
olv*Ma: 0.0 0.49 1.0

Dreiecks-Helligkeit *t**



%Umfang
u*rel = 93

ORS18; adaptierte CIELAB-Daten

	L*=L*a	a*a	b*a	C*ab,a	h*ab,a
O_{Ma}	47.94	65.39	50.52	82.63	38
Y_{Ma}	90.37	−10.26	91.75	92.32	96
L_{Ma}	50.9	−62.83	34.96	71.91	151
C_{Ma}	58.62	−30.34	−45.01	54.3	236
V_{Ma}	25.72	31.1	−44.4	54.22	305
M_{Ma}	48.13	75.28	−8.36	75.74	354
N_{Ma}	18.01	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	39.92	58.66	26.98	64.57	25
J_{CIE}	81.26	−2.16	67.76	67.79	92
G_{CIE}	52.23	−42.25	11.76	43.87	164
B_{CIE}	30.57	1.15	−46.84	46.86	271

%Regularität
g*H,rel = 57
g*C,rel = 59

n* = 0,00

n* = 0,25

n* = 0,50

n* = 1,0

Schwarzheit *n**

0,25 0,50 0,75 1,00

relative Buntheit *c**

NG570−7, 5 stufige Reihen für konstanten CIELAB Buntton 272/360 = 0.755 (links)

5 stufige Reihen für konstanten CIELAB Buntton 271/360 = 0.754 (rechts)

BAM-Prüfvorlage NG57; Farbmetrik-Systeme SRS18 & ORS18 input: *olv* setrgbcolor*
D65: 2 Koordinatendaten; 5stufige Farbreihen für 10 Bunttöne output: *olv* setrgbcolor / w* setgray*