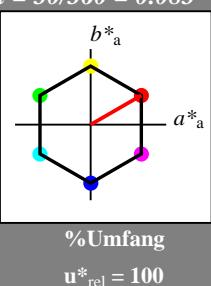
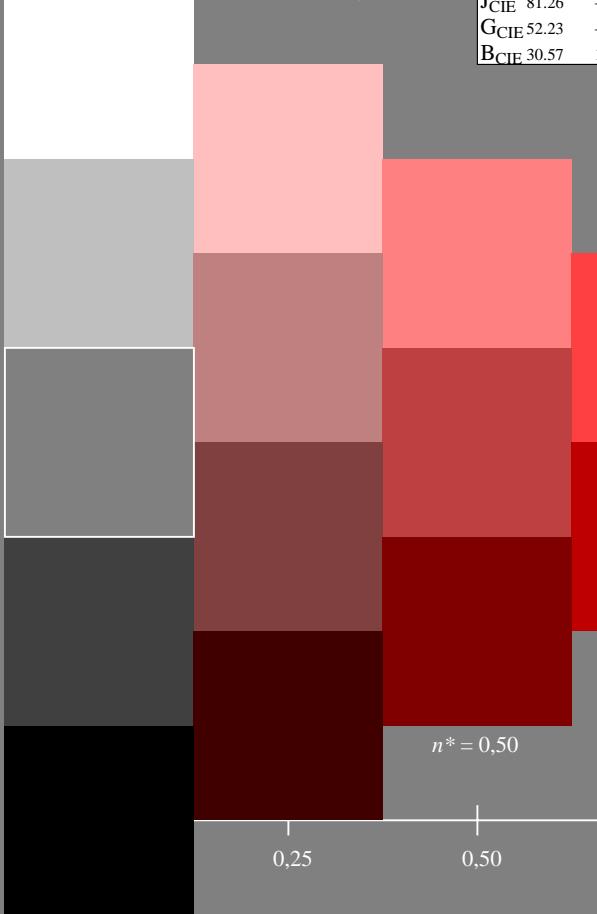


Eingabe: Farbmétrisches Standard-Reflektiv-System SRS18  
für Bunton  $h^* = lab^*h = 30/360 = 0.083$   
 $lab^*tch$  und  $lab^*nch$

D65: Bunton O  
LCH\*Ma: 57 77 30  
olv\*Ma: 1.0 0.0 0.0  
Dreiecks-Helligkeit



SRS18; adaptierte CIELAB-Daten					
	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	
O <sub>Ma</sub>	56.71	67.03	38.7	77.4	30
Y <sub>Ma</sub>	56.71	0.0	77.4	77.4	90
L <sub>Ma</sub>	56.71	-67.02	38.7	77.4	150
C <sub>Ma</sub>	56.71	-67.02	-38.69	77.4	210
V <sub>Ma</sub>	56.71	0.0	-77.39	77.4	270
M <sub>Ma</sub>	56.71	67.03	-38.69	77.4	330
N <sub>Ma</sub>	18.01	0.0	0.0	0.0	0
W <sub>Ma</sub>	95.41	0.0	0.0	0.0	0
R <sub>CIE</sub>	39.92	58.74	27.99	65.07	25
J <sub>CIE</sub>	81.26	-2.88	71.56	71.62	92
G <sub>CIE</sub>	52.23	-42.41	13.6	44.55	162
B <sub>CIE</sub>	30.57	1.41	-46.46	46.49	272



relative Buntheit  $c^*$

$n^* = 1,0$

$n^* = 0,50$

$n^* = 0,25$

$n^* = 0,00$

$n^* = -0,25$

Schwarzheit  $n^*$

NG470-7, 5 stufige Reihen für konstanten CIELAB Bunton 30/360 = 0.083 (links)

BAM-Prüfvorlage NG47; Farbmétrik-Systeme SRS18 & ORS18 input: olv\* setrgbcolor  
D65: 5stufige Farbreihen und Koordinatendaten für 10 Bunttöne output: no change compared to input

Ausgabe: Farbmétrisches Offset-Reflektiv-System ORS18

für Bunton  $h^* = lab^*h = 38/360 = 0.105$

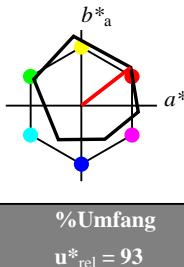
$lab^*tch$  und  $lab^*nch$

D65: Bunton O

LCH\*Ma: 48 83 38

olv\*Ma: 1.0 0.0 0.0

Dreiecks-Helligkeit



%Umfang

$u^*_{rel} = 93$

%Regularität

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

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

%Regularität

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

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

%Regularität

ORS18; adaptierte CIELAB-Daten

	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	47.94	65.39	50.52	82.63	38
Y <sub>Ma</sub>	90.37	-10.26	91.75	92.32	96
L <sub>Ma</sub>	50.9	-62.83	34.96	71.91	151
C <sub>Ma</sub>	58.62	-30.34	-45.01	54.3	236
V <sub>Ma</sub>	25.72	31.1	-44.4	54.22	305
M <sub>Ma</sub>	48.13	75.28	-8.36	75.74	354
N <sub>Ma</sub>	18.01	0.0	0.0	0.0	0
W <sub>Ma</sub>	95.41	0.0	0.0	0.0	0
R <sub>CIE</sub>	39.92	58.74	27.99	65.07	25
J <sub>CIE</sub>	81.26	-2.88	71.56	71.62	92
G <sub>CIE</sub>	52.23	-42.41	13.6	44.55	162
B <sub>CIE</sub>	30.57	1.41	-46.46	46.49	272

	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	47.93	65.38	50.51	82.62	38
Y <sub>Ma</sub>	90.36	-10.25	91.74	92.31	96
L <sub>Ma</sub>	50.8	-62.82	34.95	71.9	151
C <sub>Ma</sub>	58.61	-30.33	-45.0	54.2	236
V <sub>Ma</sub>	25.71	31.0	-44.3	54.2	305
M <sub>Ma</sub>	48.12	75.27	-8.35	75.73	354
N <sub>Ma</sub>	18.0	0.0	0.0	0.0	0
W <sub>Ma</sub>	95.4	0.0	0.0	0.0	0
R <sub>CIE</sub>	39.91	58.73	27.98	65.06	25
J <sub>CIE</sub>	81.25	-2.86	71.55	71.61	92
G <sub>CIE</sub>	52.22	-42.4	13.5	44.54	162
B <sub>CIE</sub>	30.56	1.39	-46.45	46.48	272

	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	47.92	65.37	50.5	82.61	38
Y <sub>Ma</sub>	90.35	-10.24	91.73	92.29	96
L <sub>Ma</sub>	50.7	-62.81	34.94	71.89	151
C <sub>Ma</sub>	58.6	-30.32	-45.0	54.19	236
V <sub>Ma</sub>	25.7	31.0	-44.3	54.19	305
M <sub>Ma</sub>	48.11	75.26	-8.34	75.72	354
N <sub>Ma</sub>	18.0	0.0	0.0	0.0	0
W <sub>Ma</sub>	95.4	0.0	0.0	0.0	0
R <sub>CIE</sub>	39.9	58.72	27.97	65.04	25
J <sub>CIE</sub>	81.24	-2.85	71.53	71.59	92
G <sub>CIE</sub>	52.21	-42.39	13.4	44.53	162
B <sub>CIE</sub>	30.55	1.38	-46.44	46.47	272

$n^* = 0,00$

$n^* = 0,25$

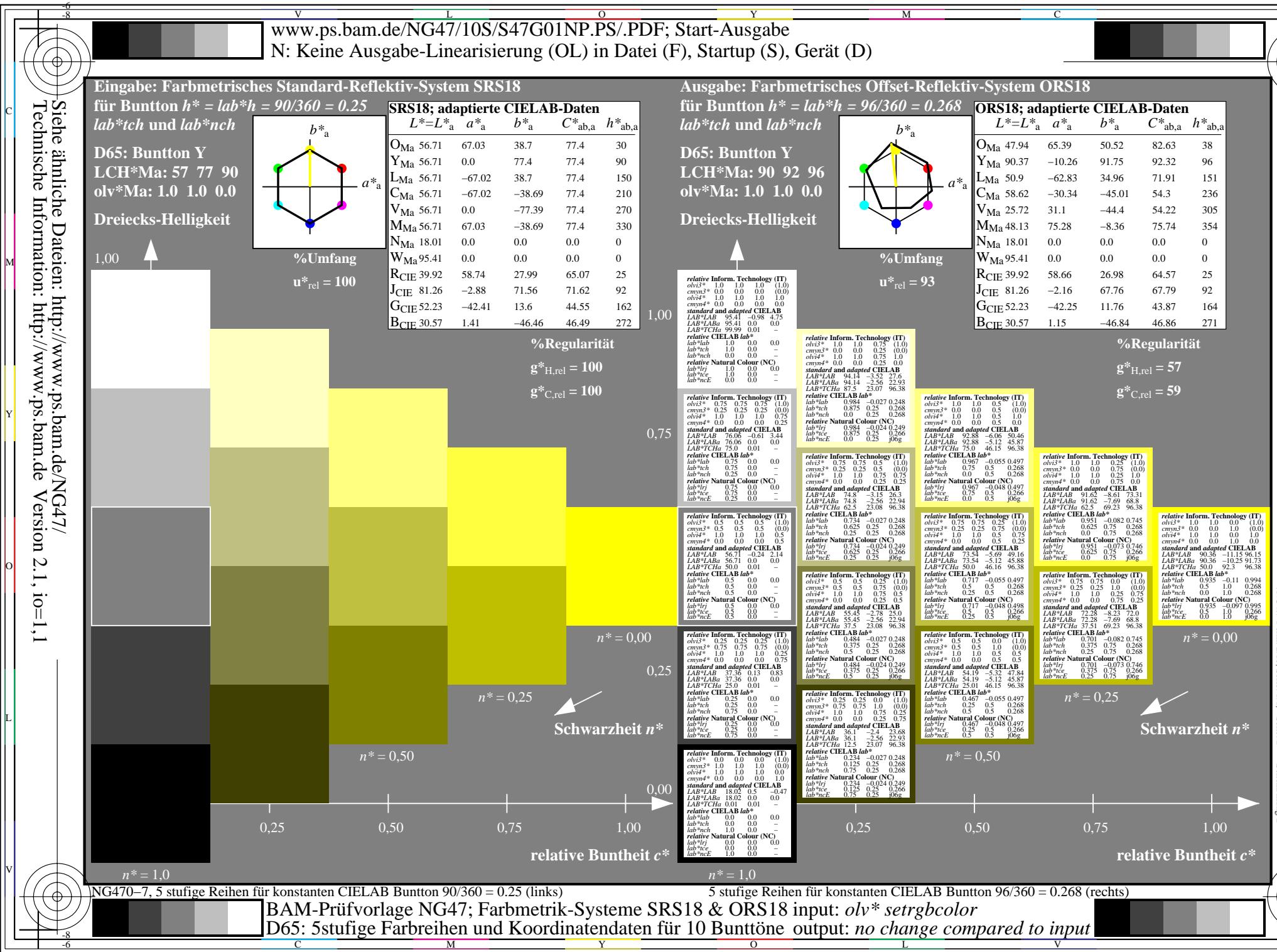
$n^* = 0,50$

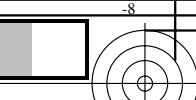
$n^* = 1,00$

$n^* = 1,00$

BAM-Registrierung: 20060101-NG47/10S/S47G00NP.PS./PDF BAM-Material: Code=rha4ta  
Anwendung für Beurteilung und Messung von Drucker- oder Monitorsystemen  
NG47 Form: I/10, Serie: 1/1, Seite: 1 Seitenzähler 1

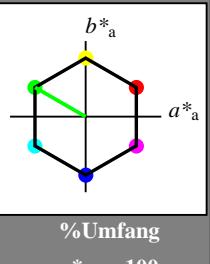
$n^* = 1,00$





### Eingabe: Farbmétrisches Standard-Reflektiv-System SRS18

für Bunton  $h^* = lab^*h = 150/360 = 0.417$   
 $lab^*tch$  und  $lab^*nch$



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

Dreiecks-Helligkeit

1,00



%Umfang

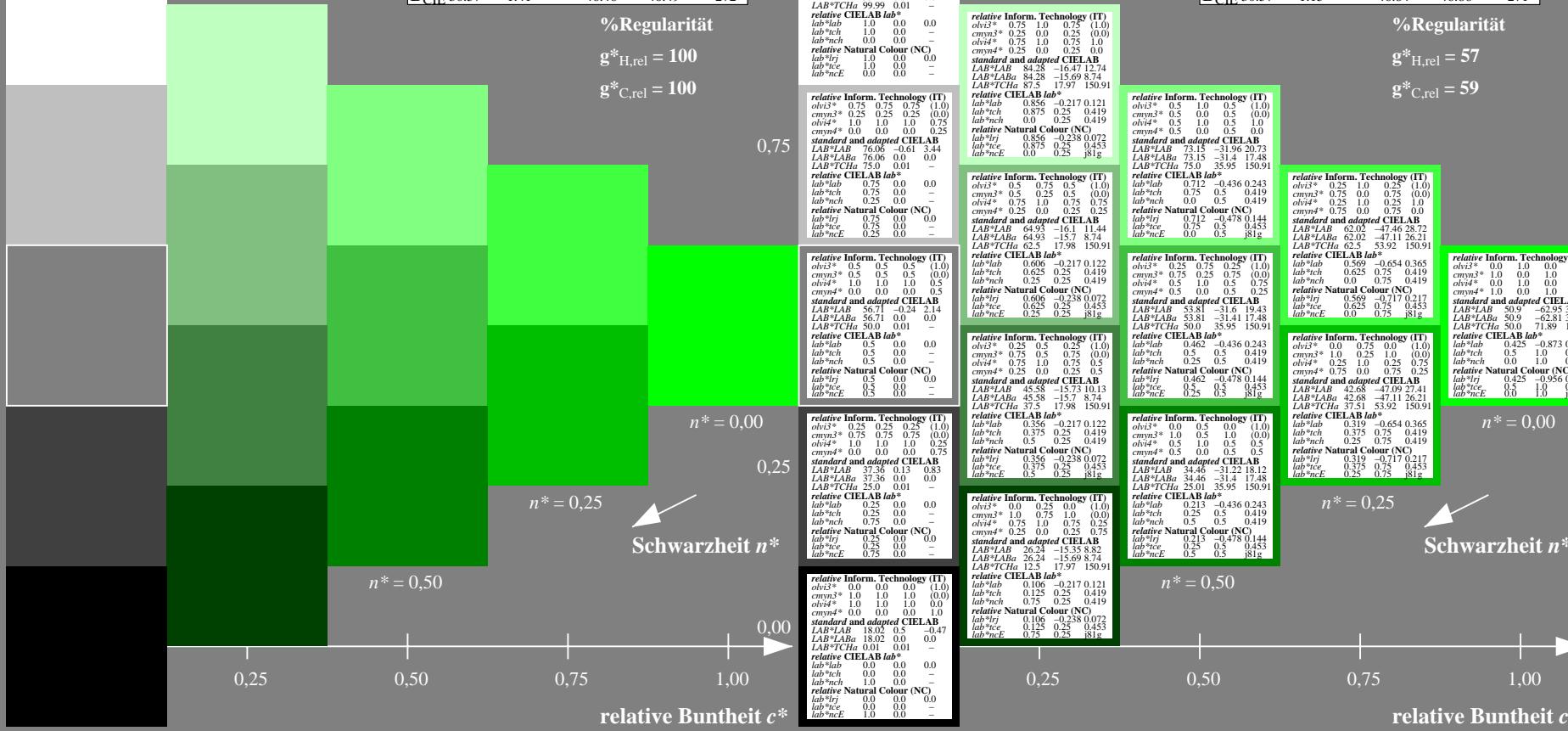
$u^*_{rel} = 100$

### SRS18; adaptierte CIELAB-Daten

	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	56.71	67.03	38.7	77.4	30
Y <sub>Ma</sub>	56.71	0.0	77.4	77.4	90
L <sub>Ma</sub>	56.71	-67.02	38.7	77.4	150
C <sub>Ma</sub>	56.71	-67.02	-38.69	77.4	210
V <sub>Ma</sub>	56.71	0.0	-77.39	77.4	270
M <sub>Ma</sub>	56.71	67.03	-38.69	77.4	330
N <sub>Ma</sub>	18.01	0.0	0.0	0.0	0
W <sub>Ma</sub>	95.41	0.0	0.0	0.0	0
R <sub>CIE</sub>	39.92	58.74	27.99	65.07	25
J <sub>CIE</sub>	81.26	-2.88	71.56	71.62	92
G <sub>CIE</sub>	52.23	-42.41	13.6	44.55	162
B <sub>CIE</sub>	30.57	1.41	-46.46	46.49	272

Siehe ähnliche Dateien: <http://www.ps.bam.de/NG47/>

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

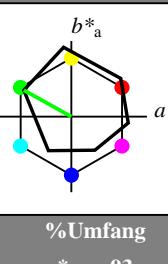


NG470-7, 5 stufige Reihen für konstanten CIELAB Bunton 150/360 = 0.417 (links)

### Ausgabe: Farbmétrisches Offset-Reflektiv-System ORS18

für Bunton  $h^* = lab^*h = 151/360 = 0.419$

$lab^*tch$  und  $lab^*nch$

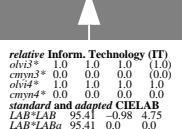


D65: Bunton L

LCH\*Ma: 51 72 151

olv\*Ma: 0.0 1.0 0.0

Dreiecks-Helligkeit



%Umfang

$u^*_{rel} = 93$

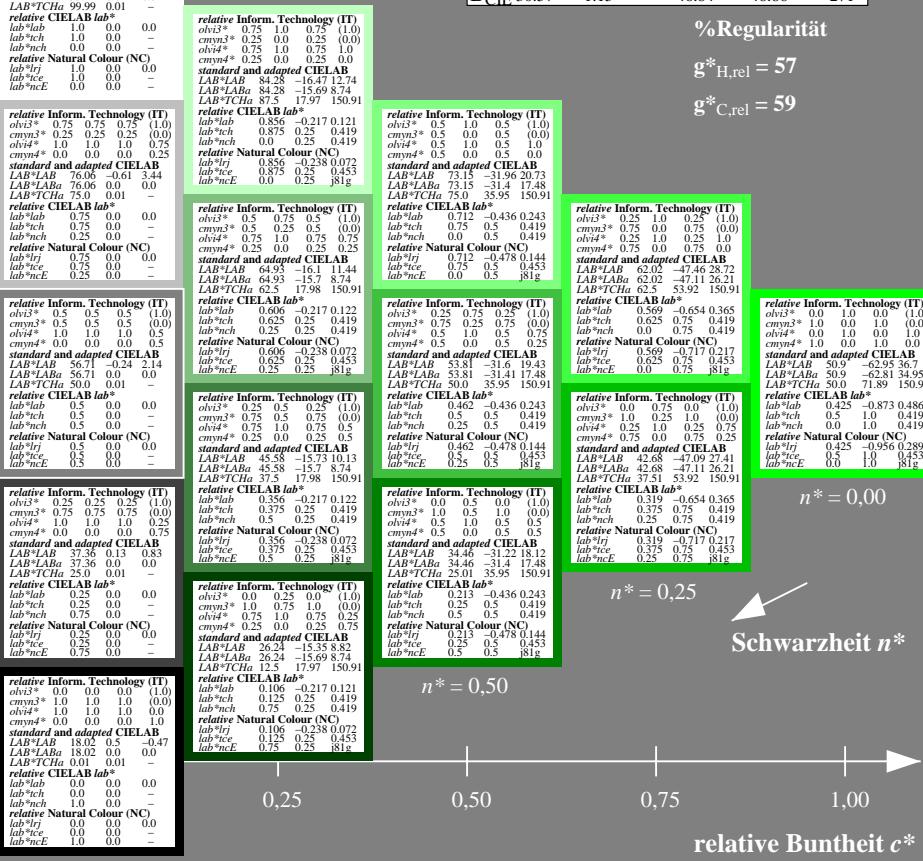
### ORS18; adaptierte CIELAB-Daten

	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	47.94	65.39	50.52	82.63	38
Y <sub>Ma</sub>	90.37	-10.26	91.75	92.32	96
L <sub>Ma</sub>	50.9	-62.83	34.96	71.91	151
C <sub>Ma</sub>	58.62	-30.34	-45.01	54.3	236
V <sub>Ma</sub>	25.72	31.1	-44.4	54.22	305
M <sub>Ma</sub>	48.13	75.28	-8.36	75.74	354
N <sub>Ma</sub>	18.01	0.0	0.0	0.0	0
W <sub>Ma</sub>	95.41	0.0	0.0	0.0	0
R <sub>CIE</sub>	39.92	58.74	26.98	64.57	25
J <sub>CIE</sub>	81.26	-2.16	67.76	67.79	92
G <sub>CIE</sub>	52.23	-42.41	11.76	43.87	164
B <sub>CIE</sub>	30.57	1.15	-46.84	46.86	271

%Regularität

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

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



5 stufige Reihen für konstanten CIELAB Bunton 151/360 = 0.419 (rechts)

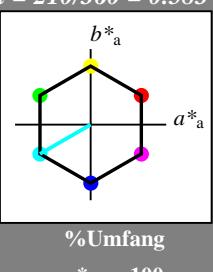


Siehe ähnliche Dateien: <http://www.ps.bam.de/NG47/>  
Technische Information: <http://www.ps.bam.de> Version 2.1, io=1, 1

### Eingabe: Farbmétrisches Standard-Reflektiv-System SRS18

für Bunton  $h^* = lab^*h = 210/360 = 0.583$

$lab^{*tch}$  und  $lab^{*nch}$



D65: Bunton C

LCH\*Ma: 57 77 210

olv\*Ma: 0.0 1.0 1.0

Dreiecks-Helligkeit

1,00

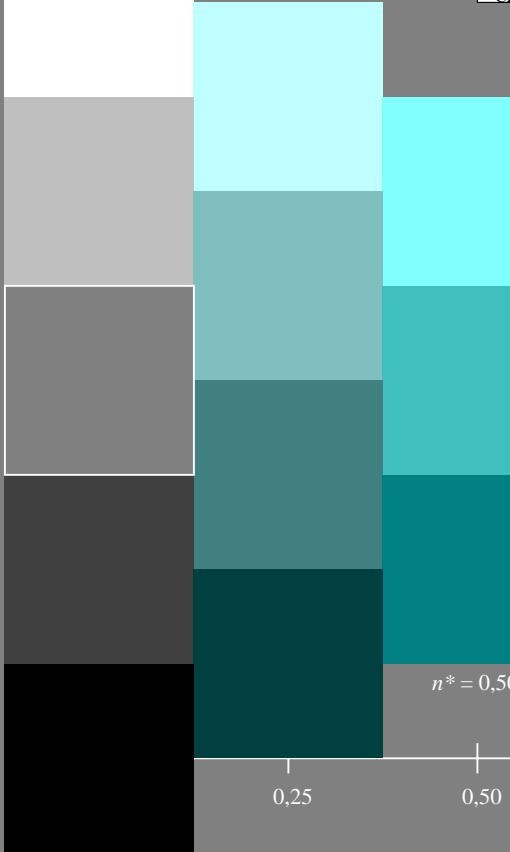


%Umfang

$u^*_{rel} = 100$

### SRS18; adaptierte CIELAB-Daten

	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	56.71	67.03	38.7	77.4	30
Y <sub>Ma</sub>	56.71	0.0	77.4	77.4	90
L <sub>Ma</sub>	56.71	-67.02	38.7	77.4	150
C <sub>Ma</sub>	56.71	-67.02	-38.69	77.4	210
V <sub>Ma</sub>	56.71	0.0	-77.39	77.4	270
M <sub>Ma</sub>	56.71	67.03	-38.69	77.4	330
N <sub>Ma</sub>	18.01	0.0	0.0	0.0	0
W <sub>Ma</sub>	95.41	0.0	0.0	0.0	0
R <sub>CIE</sub>	39.92	58.74	27.99	65.07	25
J <sub>CIE</sub>	81.26	-2.88	71.56	71.62	92
G <sub>CIE</sub>	52.23	-42.41	13.6	44.55	162
B <sub>CIE</sub>	30.57	1.41	-46.46	46.49	272



$n^* = 0,50$

$n^* = 0,25$

$n^* = 0,00$

$n^* = 0,25$

$n^* = 0,50$

$n^* = 0,75$

$n^* = 1,00$

### %Regularität

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

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

$n^* = 0,00$

$n^* = 0,25$

$n^* = 0,50$

$n^* = 0,75$

$n^* = 1,00$

$n^* = 0,00$

$n^* = 0,25$

$n^* = 0,50$

$n^* = 0,75$

$n^* = 1,00$

$n^* = 0,00$

$n^* = 0,25$

$n^* = 0,50$

$n^* = 0,75$

$n^* = 1,00$

$n^* = 0,00$

$n^* = 0,25$

$n^* = 0,50$

$n^* = 0,75$

$n^* = 1,00$

$n^* = 0,00$

$n^* = 0,25$

$n^* = 0,50$

$n^* = 0,75$

$n^* = 1,00$

$n^* = 0,00$

$n^* = 0,25$

$n^* = 0,50$

$n^* = 0,75$

$n^* = 1,00$

$n^* = 0,00$

$n^* = 0,25$

$n^* = 0,50$

$n^* = 0,75$

$n^* = 1,00$

$n^* = 0,00$

$n^* = 0,25$

$n^* = 0,50$

$n^* = 0,75$

$n^* = 1,00$

$n^* = 0,00$

$n^* = 0,25$

$n^* = 0,50$

$n^* = 0,75$

$n^* = 1,00$

$n^* = 0,00$

$n^* = 0,25$

$n^* = 0,50$

$n^* = 0,75$

$n^* = 1,00$

$n^* = 0,00$

$n^* = 0,25$

$n^* = 0,50$

$n^* = 0,75$

$n^* = 1,00$

$n^* = 0,00$

$n^* = 0,25$

$n^* = 0,50$

$n^* = 0,75$

$n^* = 1,00$

$n^* = 0,00$

$n^* = 0,25$

$n^* = 0,50$

$n^* = 0,75$

$n^* = 1,00$

$n^* = 0,00$

$n^* = 0,25$

$n^* = 0,50$

$n^* = 0,75$

$n^* = 1,00$

$n^* = 0,00$

$n^* = 0,25$

$n^* = 0,50$

$n^* = 0,75$

$n^* = 1,00$

$n^* = 0,00$

$n^* = 0,25$

$n^* = 0,50$

$n^* = 0,75$

$n^* = 1,00$

$n^* = 0,00$

$n^* = 0,25$

$n^* = 0,50$

$n^* = 0,75$

$n^* = 1,00$

### Ausgabe: Farbmétrisches Offset-Reflektiv-System ORS18

für Bunton  $h^* = lab^*h = 236/360 = 0.656$

$lab^{*tch}$  und  $lab^{*nch}$

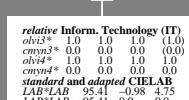
D65: Bunton C

LCH\*Ma: 59 54 236

olv\*Ma: 0.0 1.0 1.0

Dreiecks-Helligkeit

1,00



%Umfang

$u^*_{rel} = 93$

### ORS18; adaptierte CIELAB-Daten

	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	47.94	65.39	50.52	82.63	38
Y <sub>Ma</sub>	90.37	-10.26	91.75	92.32	96
L <sub>Ma</sub>	50.9	-62.83	34.96	71.91	151
C <sub>Ma</sub>	58.62	-30.34	-45.01	54.3	236
V <sub>Ma</sub>	25.72	31.1	-44.4	54.22	305
M <sub>Ma</sub>	48.13	75.28	-8.36	75.74	354
N <sub>Ma</sub>	18.01	0.0	0.0	0.0	0
W <sub>Ma</sub>	95.41	0.0	0.0	0.0	0
R <sub>CIE</sub>	39.92	58.74	26.98	64.57	25
J <sub>CIE</sub>	81.26	-2.88	67.76	67.79	92
G <sub>CIE</sub>	52.23	-42.41	11.76	43.87	164
B <sub>CIE</sub>	30.57	1.41	-46.46	46.46	272

### %Regularität

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

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

$n^* = 0,00$

$n^* = 0,25$

$n^* = 0,50$

$n^* = 0,75$

$n^* = 1,00$

$n^* = 0,00$

$n^* = 0,25$

$n^* = 0,50$

$n^* = 0,75$

$n^* = 1,00$

NG47-7, 5 stufige Reihen für konstanten CIELAB Bunnton 210/360 = 0.583 (links)

5 stufige Reihen für konstanten CIELAB Bunnton 236/360 = 0.656 (rechts)

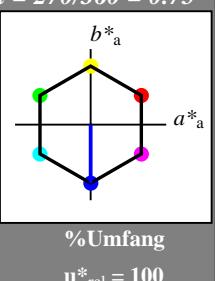
BAM-Prüfvorlage NG47; Farbmétrik-Systeme SRS18 & ORS18 input:  $olv^* setrgbcolor$

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

Eingabe: Farbmétrisches Standard-Reflektiv-System SRS18  
für Bunton  $h^* = lab^*h = 270/360 = 0.75$   
 $lab^*tch$  und  $lab^*nch$

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

Dreiecks-Helligkeit



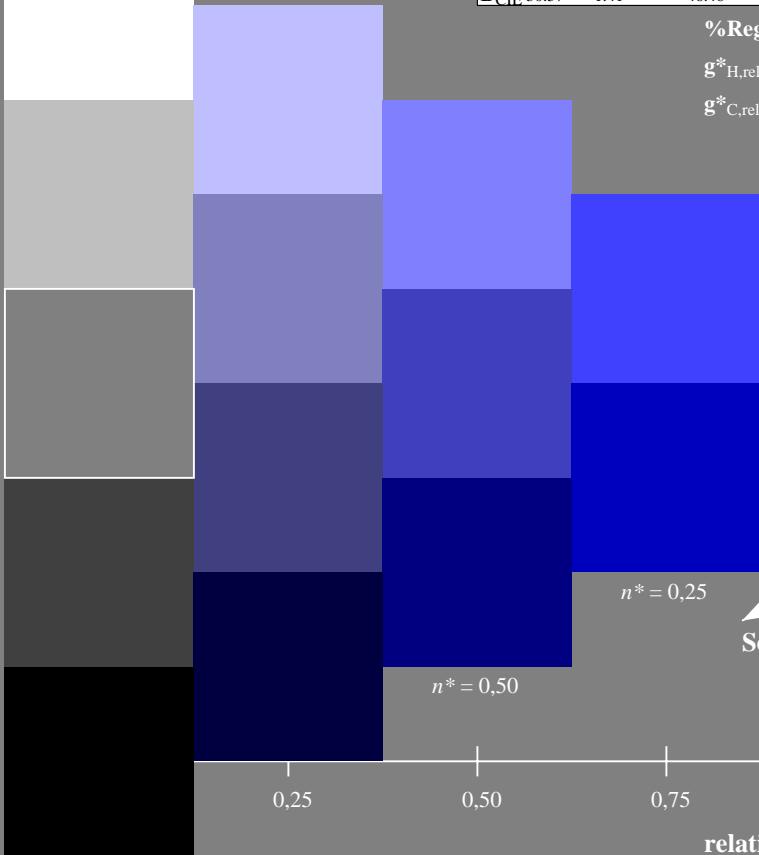
### SRS18; adaptierte CIELAB-Daten

	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	56.71	67.03	38.7	77.4	30
Y <sub>Ma</sub>	56.71	0.0	77.4	77.4	90
L <sub>Ma</sub>	56.71	-67.02	38.7	77.4	150
C <sub>Ma</sub>	56.71	-67.02	-38.69	77.4	210
V <sub>Ma</sub>	56.71	0.0	-77.39	77.4	270
M <sub>Ma</sub>	56.71	67.03	-38.69	77.4	330
N <sub>Ma</sub>	18.01	0.0	0.0	0.0	0
W <sub>Ma</sub>	95.41	0.0	0.0	0.0	0
R <sub>CIE</sub>	39.92	58.74	27.99	65.07	25
J <sub>CIE</sub>	81.26	-2.88	71.56	71.62	92
G <sub>CIE</sub>	52.23	-42.41	13.6	44.55	162
B <sub>CIE</sub>	30.57	1.41	-46.46	46.49	272

### %Regularität

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

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

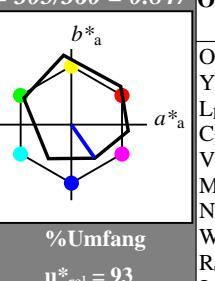


### Ausgabe: Farbmétrisches Offset-Reflektiv-System ORS18

für Bunton  $h^* = lab^*h = 305/360 = 0.847$   
 $lab^*tch$  und  $lab^*nch$

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

Dreiecks-Helligkeit



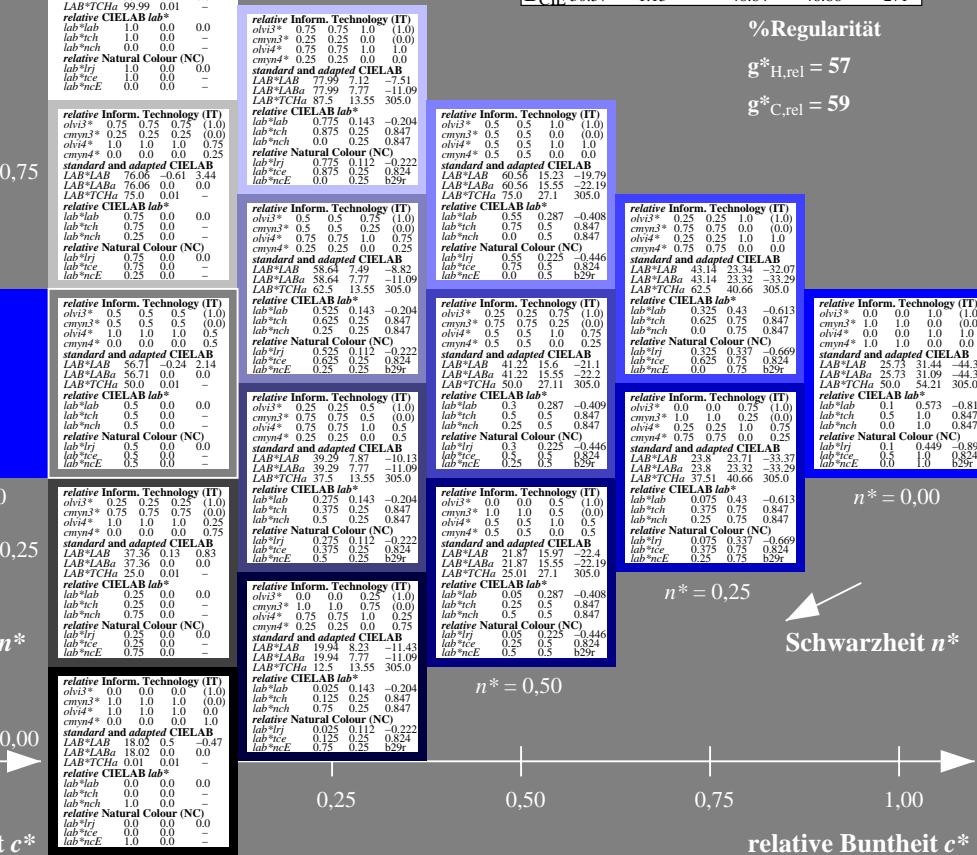
### ORS18; adaptierte CIELAB-Daten

	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	47.94	65.39	50.52	82.63	38
Y <sub>Ma</sub>	90.37	-10.26	91.75	92.32	96
L <sub>Ma</sub>	50.9	-62.83	34.96	71.91	151
C <sub>Ma</sub>	58.62	-30.34	-45.01	54.3	236
V <sub>Ma</sub>	25.72	31.1	-44.4	54.22	305
M <sub>Ma</sub>	48.13	75.28	-8.36	75.74	354
N <sub>Ma</sub>	18.01	0.0	0.0	0.0	0
W <sub>Ma</sub>	95.41	0.0	0.0	0.0	0
R <sub>CIE</sub>	39.92	58.74	27.99	65.07	25
J <sub>CIE</sub>	81.26	-2.88	71.56	71.62	92
G <sub>CIE</sub>	52.23	-42.41	13.6	44.55	164
B <sub>CIE</sub>	30.57	1.15	-46.84	46.86	271

### %Regularität

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

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

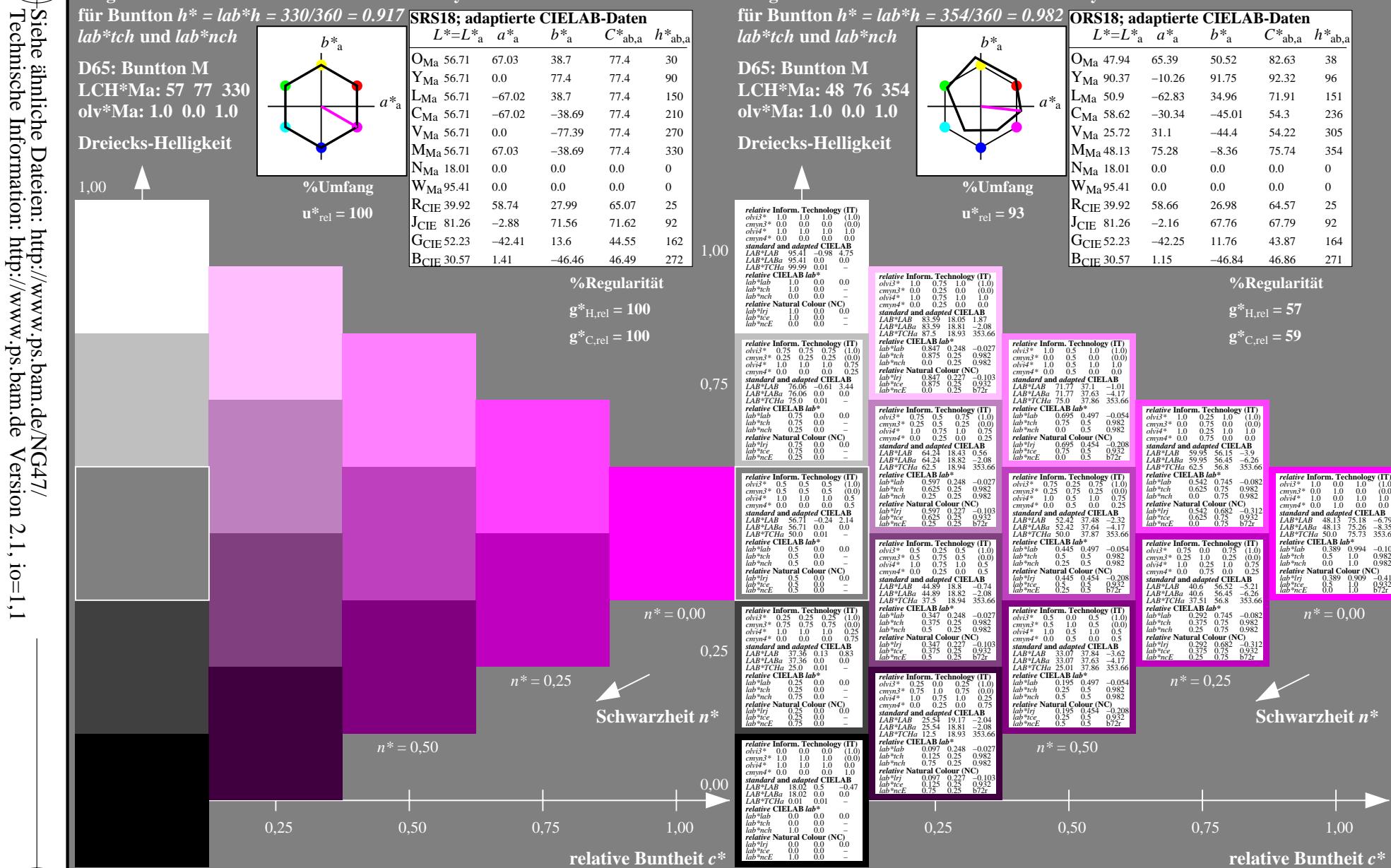


5 stufige Reihen für konstanten CIELAB Bunton 270/360 = 0.75 (links)

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

NG470-7, 5 stufige Reihen für konstanten CIELAB Bunton 270/360 = 0.75 (links)

BAM-Prüfvorlage NG47; Farbmétrik-Systeme SRS18 & ORS18 input: olv\* setrgbcolor  
D65: 5stufige Farbreihen und Koordinatendaten für 10 Bunttöne output: no change compared to input



NG470-7, 5 stufige Reihen für konstanten CIELAB Bunton 330/360 = 0.917 (links)

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

BAM-Prüfvorlage NG47; Farbmétrik-Systeme SRS18 & ORS18 input: `olv* setrgbcolor`

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

BAM-Registrierung: 20060101-NG47/10S/S47G06NP.PS/.PDF BAM-Material: Code=rha4ta  
Anwendung für Beurteilung und Messung von Drucker- oder Monitorsystemen

NG47/ Form: 7/10, Seite: 1/1, Seite: 7

Seitenz hlung 7



C  
M  
Y  
K

M  
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K

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K  
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Y  
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K

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Y  
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Y  
M  
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C  
M  
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Y  
M  
C  
K

C  
M  
Y  
K

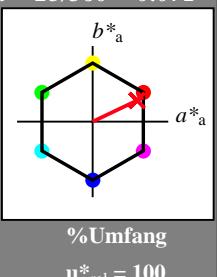
M  
C  
Y  
K



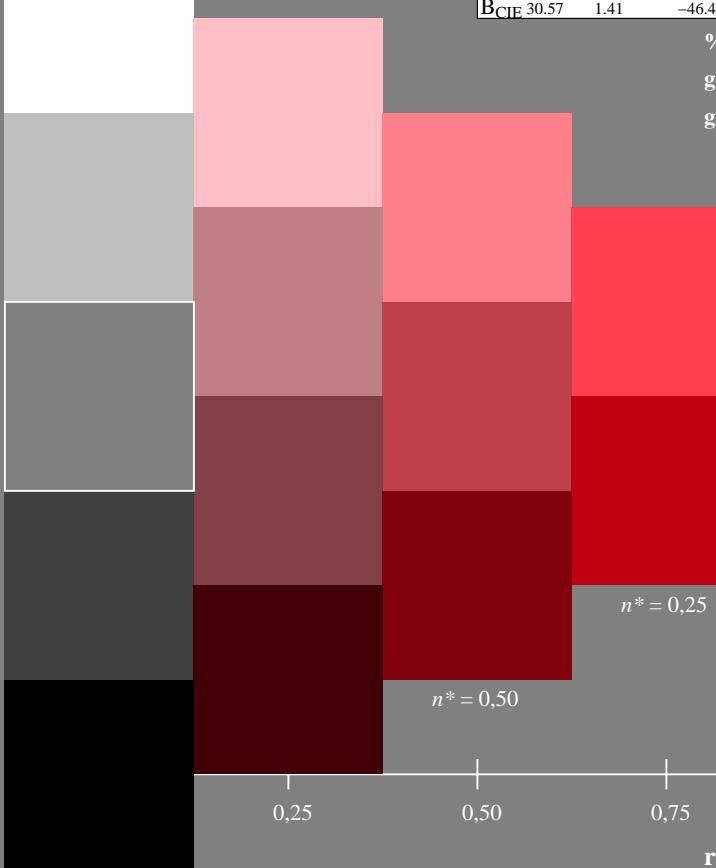
Eingabe: Farbmétrisches Standard-Reflektiv-System SRS18  
für Bunton  $h^* = lab^*h = 25/360 = 0.071$   
 $lab^*tch$  und  $lab^*nch$

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

Dreiecks-Helligkeit



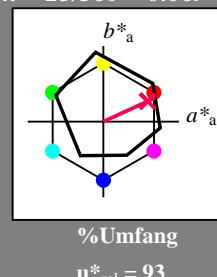
	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	56.71	67.03	38.7	77.4	30
Y <sub>Ma</sub>	56.71	0.0	77.4	77.4	90
L <sub>Ma</sub>	56.71	-67.02	38.7	77.4	150
C <sub>Ma</sub>	56.71	-67.02	-38.69	77.4	210
V <sub>Ma</sub>	56.71	0.0	-77.39	77.4	270
M <sub>Ma</sub>	56.71	67.03	-38.69	77.4	330
N <sub>Ma</sub>	18.01	0.0	0.0	0.0	0
W <sub>Ma</sub>	95.41	0.0	0.0	0.0	0
R <sub>CIE</sub>	39.92	58.74	27.99	65.07	25
J <sub>CIE</sub>	81.26	-2.88	71.56	71.62	92
G <sub>CIE</sub>	52.23	-42.41	13.6	44.55	162
B <sub>CIE</sub>	30.57	1.41	-46.46	46.49	272



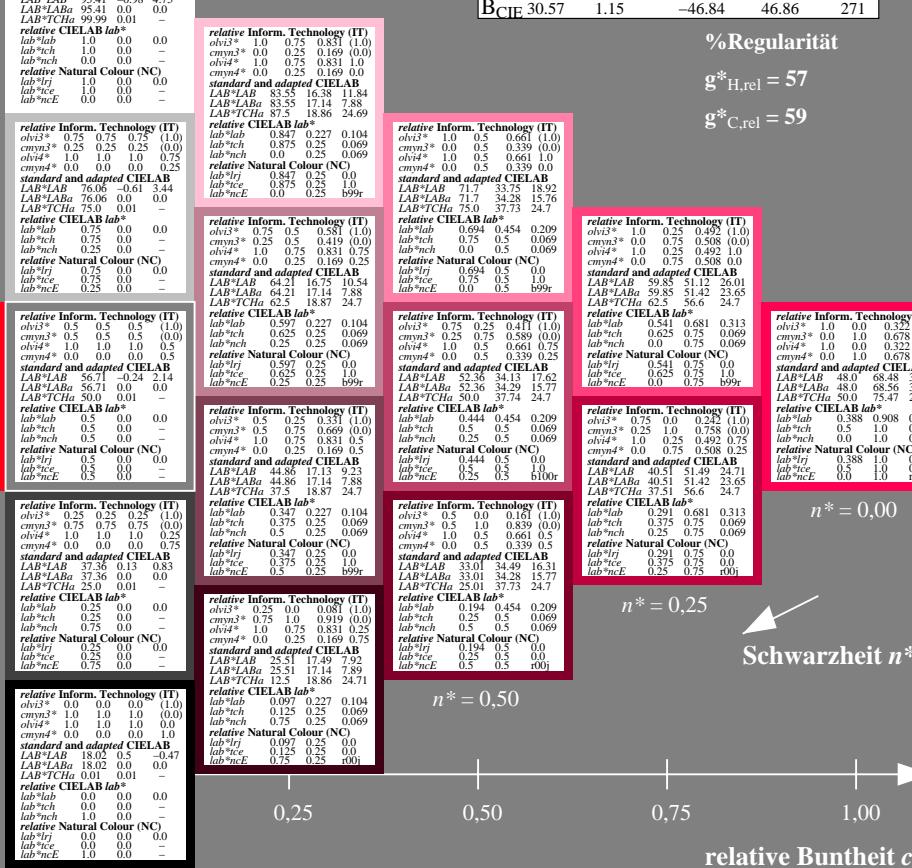
Ausgabe: Farbmétrisches Offset-Reflektiv-System ORS18  
für Bunton  $h^* = lab^*h = 25/360 = 0.069$   
 $lab^*tch$  und  $lab^*nch$

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

Dreiecks-Helligkeit



	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	47.94	65.39	50.52	82.63	38
Y <sub>Ma</sub>	90.37	-10.26	91.75	92.32	96
L <sub>Ma</sub>	50.9	-62.83	34.96	71.91	151
C <sub>Ma</sub>	58.62	-30.34	-45.01	54.3	236
V <sub>Ma</sub>	25.72	31.1	-44.4	54.22	305
M <sub>Ma</sub>	48.13	75.28	-8.36	75.74	354
N <sub>Ma</sub>	18.01	0.0	0.0	0.0	0
W <sub>Ma</sub>	95.41	0.0	0.0	0.0	0
R <sub>CIE</sub>	39.92	58.66	26.98	64.57	25
J <sub>CIE</sub>	81.26	-2.16	67.76	67.79	92
G <sub>CIE</sub>	52.23	-42.25	11.76	43.87	164
B <sub>CIE</sub>	30.57	1.15	-46.84	46.86	271

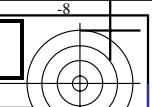


NG470-7, 5 stufige Reihen für konstanten CIELAB Bunton  $25/360 = 0.071$  (links)

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

BAM-Prüfvorlage NG47; Farbmétrik-Systeme SRS18 & ORS18 input:  $olv^* setrgbcolor$

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



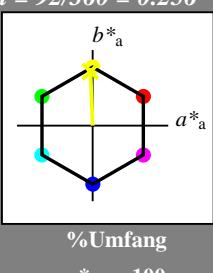
Eingabe: Farbmétrisches Standard-Reflektiv-System SRS18  
für Bunton  $h^* = lab^*h = 92/360 = 0.256$   
 $lab^*tch$  und  $lab^*nch$

D65: Bunton J

LCH\*Ma: 57 76 92

olv\*Ma: 0.95 1.0 0.0

Dreiecks-Helligkeit



### SRS18; adaptierte CIELAB-Daten

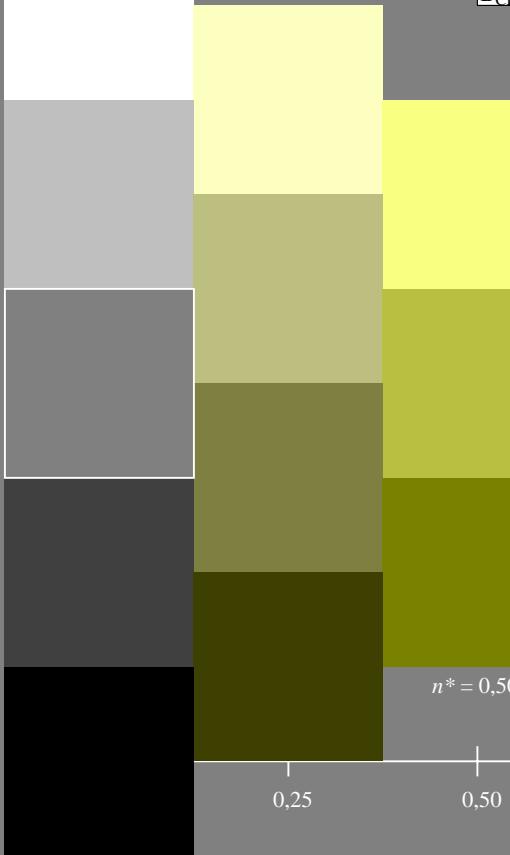
	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	56.71	67.03	38.7	77.4	30
Y <sub>Ma</sub>	56.71	0.0	77.4	77.4	90
L <sub>Ma</sub>	56.71	-67.02	38.7	77.4	150
C <sub>Ma</sub>	56.71	-67.02	-38.69	77.4	210
V <sub>Ma</sub>	56.71	0.0	-77.39	77.4	270
M <sub>Ma</sub>	56.71	67.03	-38.69	77.4	330
N <sub>Ma</sub>	18.01	0.0	0.0	0.0	0
W <sub>Ma</sub>	95.41	0.0	0.0	0.0	0
R <sub>CIE</sub>	39.92	58.74	27.99	65.07	25
J <sub>CIE</sub>	81.26	-2.88	71.56	71.62	92
G <sub>CIE</sub>	52.23	-42.41	13.6	44.55	162
B <sub>CIE</sub>	30.57	1.41	-46.46	46.49	272

1,00



Siehe ähnliche Dateien: http://www.ps.bam.de/NG47/

Technische Information: http://www.ps.bam.de Version 2.1, io=1, 1



relative Buntheit  $c^*$

n\* = 1,0

### Ausgabe: Farbmétrisches Offset-Reflektiv-System ORS18

für Bunton  $h^* = lab^*h = 92/360 = 0.255$

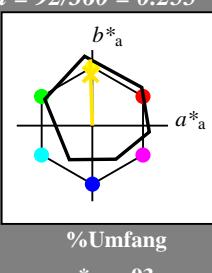
$lab^*tch$  und  $lab^*nch$

D65: Bunton J

LCH\*Ma: 86 88 92

olv\*Ma: 1.0 0.9 0.0

Dreiecks-Helligkeit



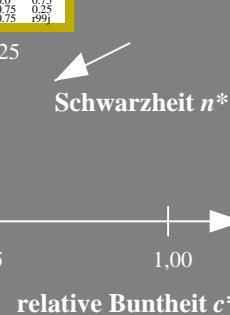
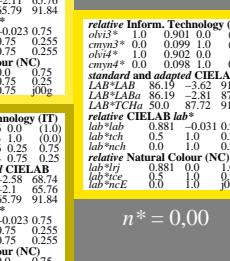
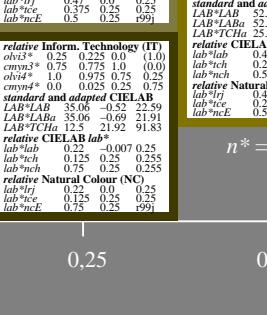
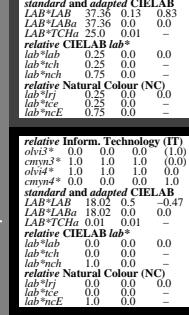
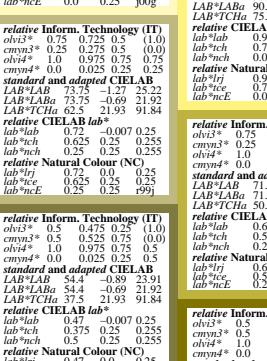
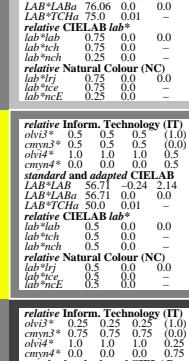
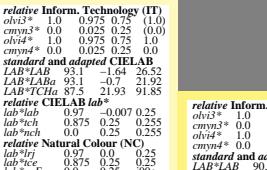
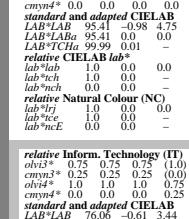
### ORS18; adaptierte CIELAB-Daten

	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	47.94	65.39	50.52	82.63	38
Y <sub>Ma</sub>	90.37	-10.26	91.75	92.32	96
L <sub>Ma</sub>	50.9	-62.83	34.96	71.91	151
C <sub>Ma</sub>	58.62	-30.34	-45.01	54.3	236
V <sub>Ma</sub>	25.72	31.1	-44.4	54.22	305
M <sub>Ma</sub>	48.13	75.28	-8.36	75.74	354
N <sub>Ma</sub>	18.01	0.0	0.0	0.0	0
W <sub>Ma</sub>	95.41	0.0	0.0	0.0	0
R <sub>CIE</sub>	39.92	58.66	26.98	64.57	25
J <sub>CIE</sub>	81.26	-2.16	67.76	67.79	92
G <sub>CIE</sub>	52.23	-42.25	11.76	43.87	164
B <sub>CIE</sub>	30.57	1.15	-46.84	46.86	271

%Regularität

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

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



NG47-7, 5 stufige Reihen für konstanten CIELAB Bunton 92/360 = 0.256 (links)

BAM-Prüfvorlage NG47; Farbmétrik-Systeme SRS18 & ORS18 input:  $olv^* setrgbcolor$

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

BAM-Registrierung: 20060101-NG47/10S/S47G07NP.PS./PDF

Anwendung für Beurteilung und Messung von Drucker- oder Monitorsystemen

/NG47/ Form: 8/10, Serie: 1/1, Seite: 8

Seitenz hlung 8



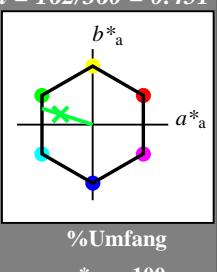
Siehe ähnliche Dateien: <http://www.ps.bam.de/NG47/>  
 Technische Information: <http://www.ps.bam.de> Version 2.1, io=1, 1

### Eingabe: Farbmétrisches Standard-Reflektiv-System SRS18

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

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

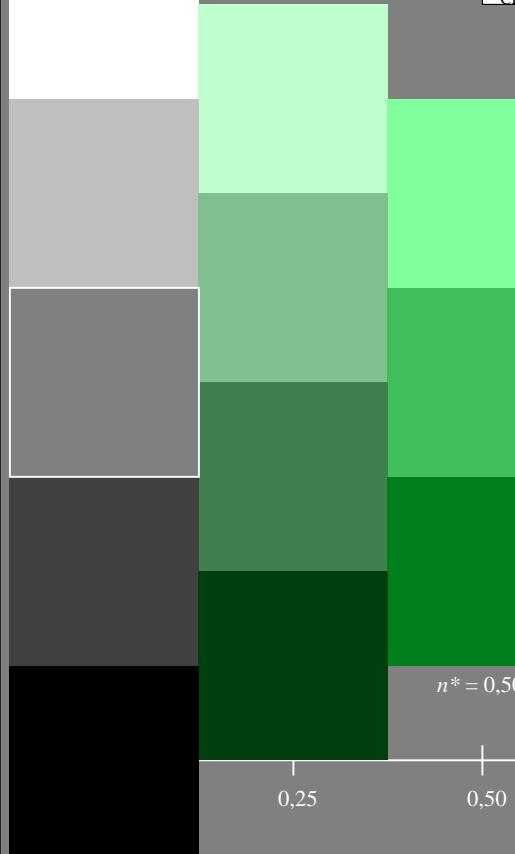
Dreiecks-Helligkeit



### SRS18; adaptierte CIELAB-Daten

	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
O <sub>Ma</sub>	56.71	67.03	38.7	77.4	30
Y <sub>Ma</sub>	56.71	0.0	77.4	77.4	90
L <sub>Ma</sub>	56.71	-67.02	38.7	77.4	150
C <sub>Ma</sub>	56.71	-67.02	-38.69	77.4	210
V <sub>Ma</sub>	56.71	0.0	-77.39	77.4	270
M <sub>Ma</sub>	56.71	67.03	-38.69	77.4	330
N <sub>Ma</sub>	18.01	0.0	0.0	0.0	0
W <sub>Ma</sub>	95.41	0.0	0.0	0.0	0
R <sub>CIE</sub>	39.92	58.74	27.99	65.07	25
J <sub>CIE</sub>	81.26	-2.88	71.56	71.62	92
G <sub>CIE</sub>	52.23	-42.41	13.6	44.55	162
B <sub>CIE</sub>	30.57	1.41	-46.46	46.49	272

1,00  
 ↑  
 %Umfang  
 $u^*_{rel} = 100$



relative Buntheit  $c^*$

$n^* = 1,0$

$n^* = 0,00$

$n^* = 0,25$

$n^* = 0,50$

$n^* = 0,75$

$n^* = 1,00$

$n^* = 0,00$

$n^* = 0,25$

$n^* = 0,50$

$n^* = 0,75$

$n^* = 1,00$

$n^* = 0,00$

$n^* = 0,25$

$n^* = 0,50$

$n^* = 0,75$

$n^* = 1,00$

$n^* = 0,00$

$n^* = 0,25$

$n^* = 0,50$

$n^* = 0,75$

$n^* = 1,00$

$n^* = 0,00$

$n^* = 0,25$

$n^* = 0,50$

$n^* = 0,75$

$n^* = 1,00$

$n^* = 0,00$

$n^* = 0,25$

$n^* = 0,50$

$n^* = 0,75$

$n^* = 1,00$

$n^* = 0,00$

$n^* = 0,25$

$n^* = 0,50$

$n^* = 0,75$

$n^* = 1,00$

$n^* = 0,00$

$n^* = 0,25$

$n^* = 0,50$

$n^* = 0,75$

$n^* = 1,00$

$n^* = 0,00$

$n^* = 0,25$

$n^* = 0,50$

$n^* = 0,75$

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$n^* = 0,75$

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$n^* = 0,25$

$n^* = 0,50$

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$n^* = 1,00$

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$n^* = 0,50$

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$n^* = 0,50$

$n^* = 0,75$

$n^* = 1,00$

$n^* = 0,00$

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$n^* = 0,75$

$n^* = 1,00$

$n^* = 0,00$

$n^* = 0,25$

$n^* = 0,50$

$n^* = 0,75$

$n^* = 1,00$

$n^* = 0,00$

$n^* = 0,25$

$n^* = 0,50$

$n^* = 0,75$

$n^* = 1,00$

$n^* = 0,00$

$n^* = 0,25$

$n^* = 0,50$

$n^* = 0,75$

$n^* = 1,00$

$n^* = 0,00$

$n^* = 0,25$

$n^* = 0,50$

$n^* = 0,75$

$n^* = 1,00$

$n^* = 0,00$

$n^* = 0,25$

$n^* = 0,50$

$n^* = 0,75$

$n^* = 1,00$

$n^* = 0,00$

$n^* = 0,25$

$n^* = 0,50$

$n^* = 0,75$

$n^* = 1,00$

$n^* = 0,00$

$n^* = 0,25$

$n^* = 0,50$

$n^* = 0,75$

$n^* = 1,00$

NG470-7, 5 stufige Reihen für konstanten CIELAB Bunton 162/360 = 0.451 (links)

5 stufige Reihen für konstanten CIELAB Bunton 164/360 = 0.457 (rechts)

BAM-Prüfvorlage NG47; Farbmétrik-Systeme SRS18 & ORS18 input: `olv* setrgbcolor`  
 D65: 5stufige Farbreihen und Koordinatendaten für 10 Bunttöne output: no change compared to input

Siehe ähnliche Dateien: <http://www.ps.bam.de/NG47/>  
 Technische Information: <http://www.ps.bam.de> Version 2.1, io=1, 1

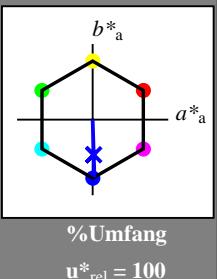
Eingabe: Farbmétrisches Standard-Reflektiv-System SRS18  
 für Bunton  $h^* = lab^*h = 272/360 = 0.755$   
 $lab^*tch$  und  $lab^*nch$

D65: Bunton B

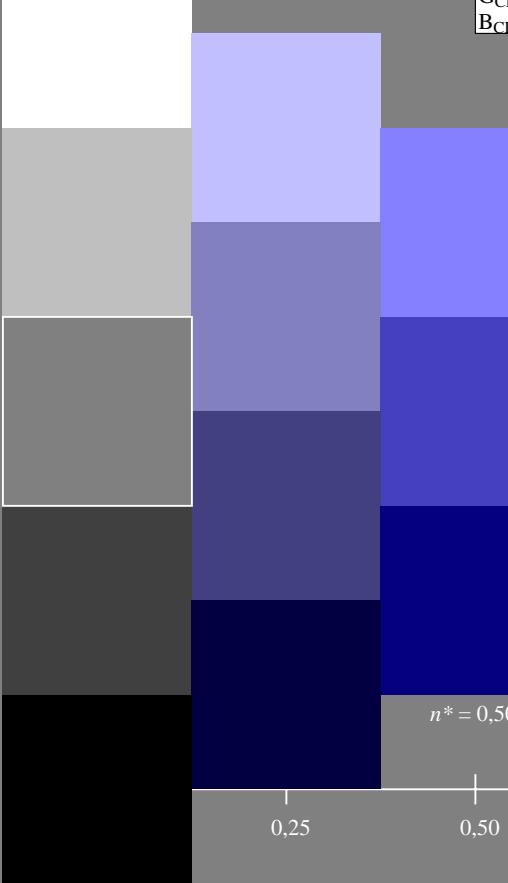
LCH\*Ma: 57 76 272

olv\*Ma: 0.03 0.0 1.0

Dreiecks-Helligkeit



1,00



$n^* = 0,50$

relative Buntheit  $c^*$

$n^* = 0,25$

Schwarzheit  $n^*$

$n^* = 0,00$

$n^* = 0,00$

$n^* = 1,0$



NG470-7, 5stufige Reihen für konstanten CIELAB Bunton 272/360 = 0.755 (links)

BAM-Prüfvorlage NG47; Farbmétrik-Systeme SRS18 & ORS18 input: olv\* setrgbcolor

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

Ausgabe: Farbmétrisches Offset-Reflektiv-System ORS18

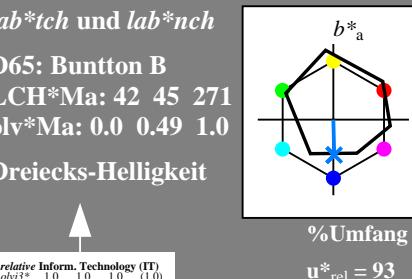
für Bunton  $h^* = lab^*h = 271/360 = 0.754$   
 $lab^*tch$  und  $lab^*nch$

D65: Bunton B

LCH\*Ma: 42 45 271

olv\*Ma: 0.0 0.49 1.0

Dreiecks-Helligkeit



1,00



$n^* = 1,0$

relative Buntheit  $c^*$

$n^* = 0,50$

Schwarzheit  $n^*$

$n^* = 0,25$

$n^* = 0,00$

$n^* = 1,0$

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

BAM-Prüfvorlage NG47; Farbmétrik-Systeme SRS18 & ORS18 input: olv\* setrgbcolor

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