

Eingabe: Farbmétrisches Reflexions-System NRS11

für Bunton $h^* = lab^*h = 167/360 = 0.464$

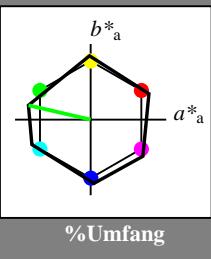
lab^*tch und lab^*nch

D65: Bunton G

LCH*Ma: 53 84 167

rgb*Ma: 0.0 1.0 0.0

Dreiecks-Helligkeit



1,00

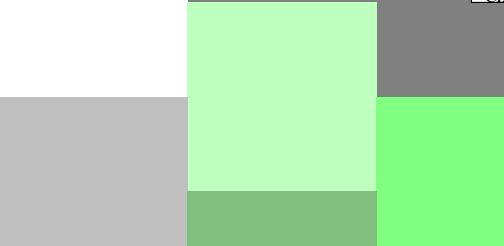


%Umfang

$u^*_{rel} = 119$

NRS11; adaptierte CIELAB-Daten

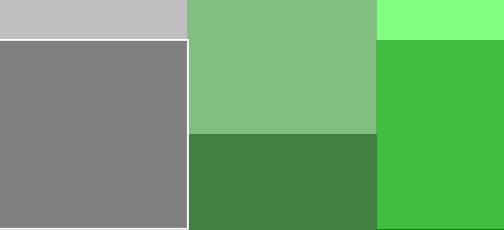
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
RMa	53.2	77.06	34.32	84.36	24
JMa	53.2	-1.51	84.38	84.39	91
GMa	53.2	-82.27	18.98	84.44	167
G50BMa	53.2	-77.72	-32.98	84.44	203
BMa	53.2	4.37	-84.28	84.41	273
B50RMa	53.2	69.09	-48.41	84.37	325
NMa	10.99	0.0	0.0	0.0	0
WMa	95.41	0.0	0.0	0.0	0
RCIE	39.92	58.69	27.98	65.01	25
JCIE	81.26	-2.9	71.56	71.62	92
GCIE	52.23	-42.45	13.59	44.59	162
BCIE	30.57	1.35	-46.48	46.51	272



%Regularität

$g^*_{H,rel} = 47$

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



Ausgabe: Farbmétrisches Reflexions-System ORS18

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

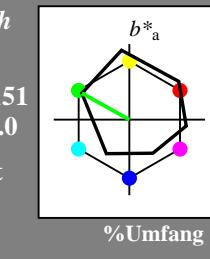
lab^*tch und lab^*nch

D65: Bunton L

LCH*Ma: 51 72 151

rgb*Ma: 0.0 1.0 0.0

Dreiecks-Helligkeit



1,00



%Umfang

$u^*_{rel} = 93$

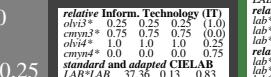
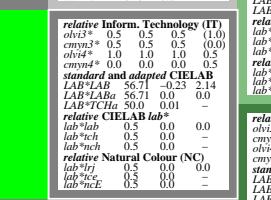
ORS18; adaptierte CIELAB-Daten

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
OMa	47.94	65.37	50.52	82.62	38
YMa	90.37	-10.27	91.77	92.34	96
LMa	50.9	-62.79	34.95	71.87	151
CMa	58.62	-30.35	-45.01	54.3	236
VMa	25.71	31.11	-44.42	54.24	305
MMa	48.13	75.27	-8.35	75.73	354
NMa	18.01	0.0	0.0	0.0	0
WMa	95.41	0.0	0.0	0.0	0
RCIE	39.92	58.66	26.98	64.56	25
JCIE	81.26	-2.17	67.76	67.79	92
GCIE	52.23	-42.26	11.75	43.87	164
BCIE	30.57	1.15	-46.84	46.87	271

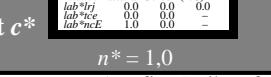
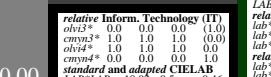
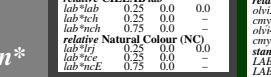
%Regularität

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

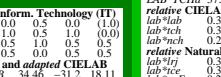
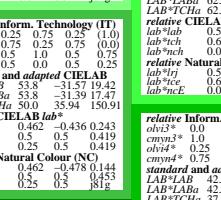
$g^*_{C,rel} = 59$



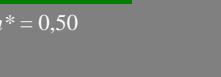
$n^* = 0,00$



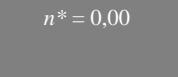
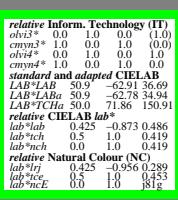
$n^* = 1,00$



$n^* = 0,00$



$n^* = 1,00$



$n^* = 0,00$



$n^* = 1,00$

Schwarzheit n^*

$n^* = 0,25$

$n^* = 0,50$

$n^* = 0,75$

$n^* = 1,00$

relative Buntheit c^*

0,00

0,25

0,50

0,75

1,00



$n^* = 0,00$



$n^* = 0,25$



$n^* = 0,50$

$n^* = 0,75$

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$n^* = 0,50$

$n^* = 0,75$

$n^* = 1,00$

$n^* = 0,00$

$n^* = 0,25$

$n^* = 0$

Eingabe: Farbmétrisches Reflexions-System NRS11

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

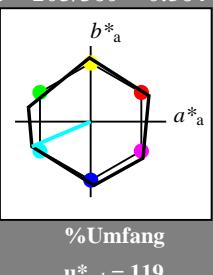
lab^*tch und lab^*nch

D65: Bunton G50B

LCH*Ma: 53 84 203

rgb*Ma: 0.0 1.0 1.0

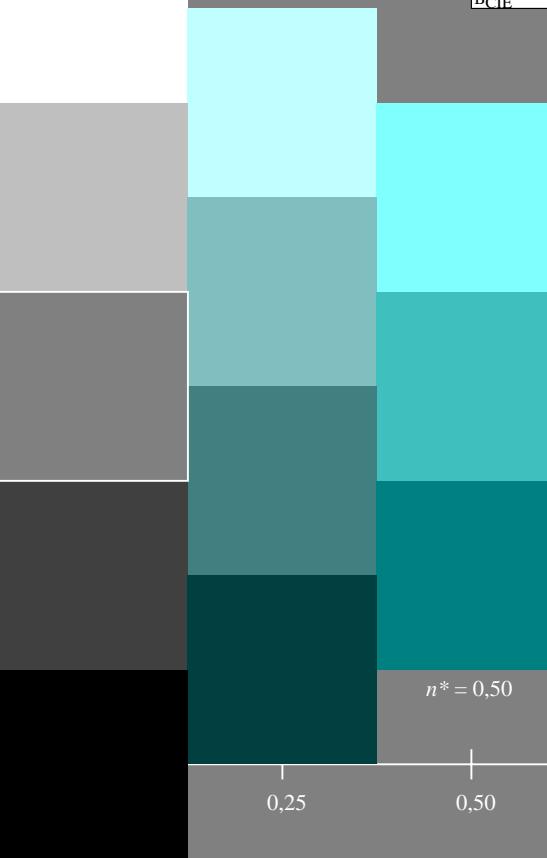
Dreiecks-Helligkeit



1,00

%Umfang

$u^*_{rel} = 119$



$n^* = 1,0$

$n^* = 0,50$

$n^* = 0,25$

Schwarzheit n^*



$n^* = 0,50$

$n^* = 0,25$

Schwarzheit n^*

TG470-7, 5 stufige Reihen für konstanten CIELAB Bunnton 203/360 = 0.564 (links)

BAM-Prüfvorlage TG47; Farbmétrik-Systeme ORS18 & ORS18 input: $olv^* setrgbcolor$

D65: 5stufige Farbreihen und Koordinaten-Daten für 10 Bunttöneoutput: Startup (S) data dependend

Ausgabe: Farbmétrisches Reflexions-System ORS18

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

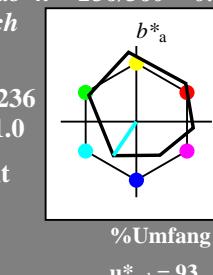
lab^*tch und lab^*nch

D65: Bunton C

LCH*Ma: 59 54 236

rgb*Ma: 0.0 1.0 1.0

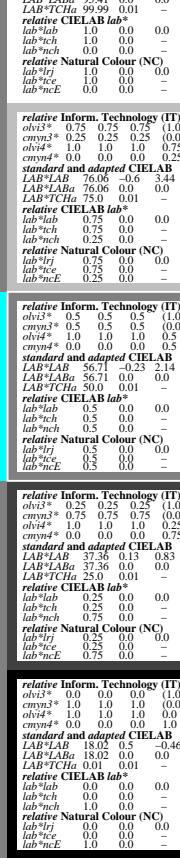
Dreiecks-Helligkeit



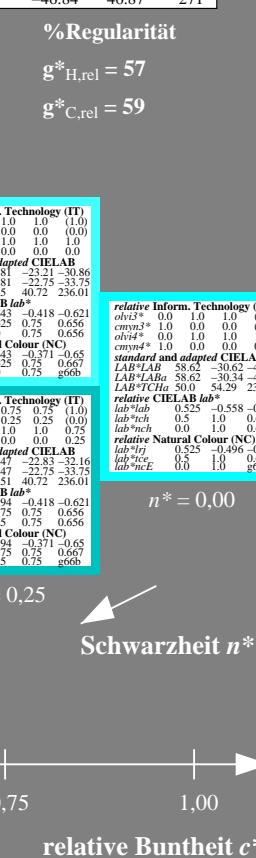
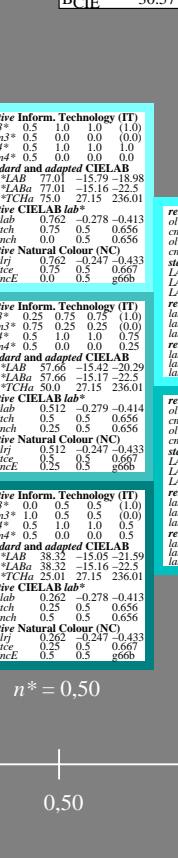
1,00

%Umfang

$u^*_{rel} = 93$



$n^* = 1,0$



$n^* = 0,00$

$n^* = 0,25$

Schwarzheit n^*

$n^* = 0,50$

Schwarzheit n^*

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

c

M

M

Y

O

L

V

-8

Y

M

C

L

O

Y

O

M

C

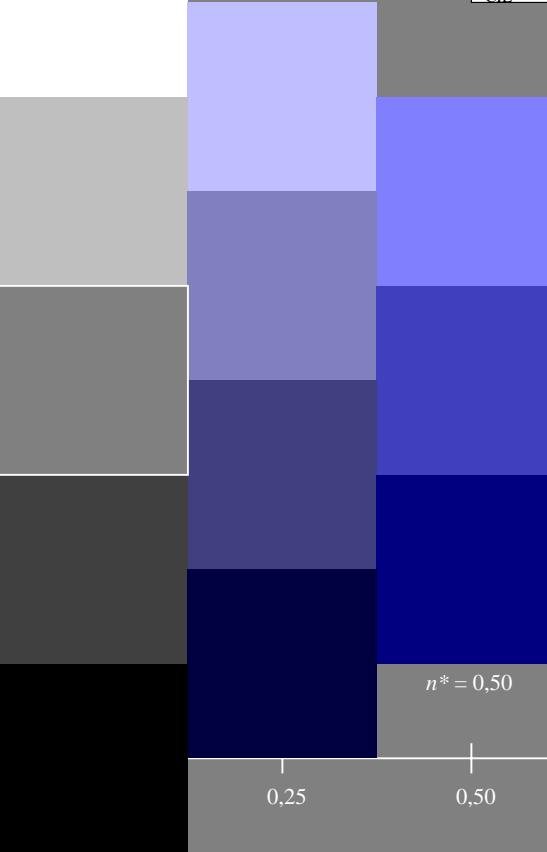
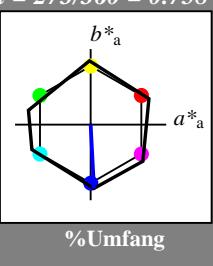
-6

Eingabe: Farbmétrisches Reflexions-System NRS11

für Bunton $h^* = lab^*h = 273/360 = 0.758$
 lab^*tch und lab^*nch

D65: Bunton B
LCH*Ma: 53 84 273
rgb*Ma: 0.0 0.0 1.0

Dreiecks-Helligkeit



TG470-7, 5stufige Reihen für konstanten CIELAB Bunnton 273/360 = 0.758 (links)

BAM-Prüfvorlage TG47; Farbmétrik-Systeme ORS18 & ORS18 input: olv* setrgbcolor

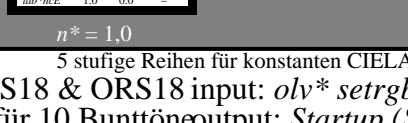
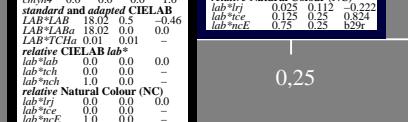
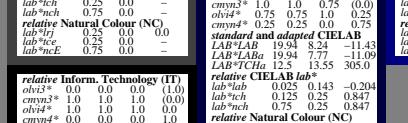
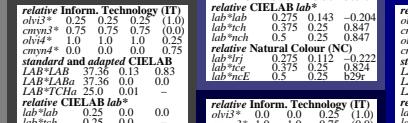
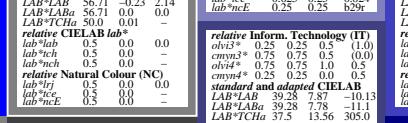
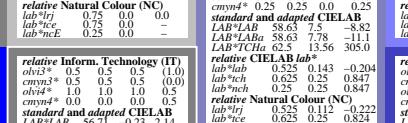
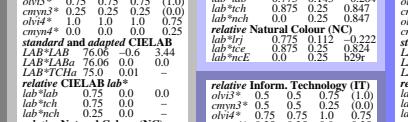
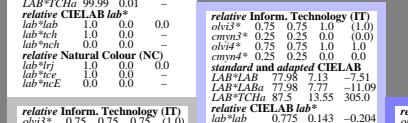
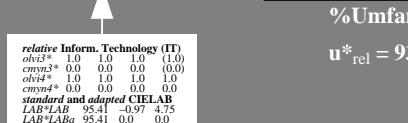
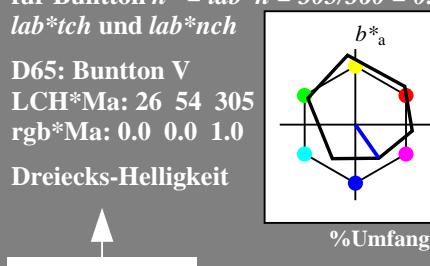
D65: 5stufige Farbreihen und Koordinaten-Daten für 10 Bunttöneoutput: Startup (S) data dependend

Ausgabe: Farbmétrisches Reflexions-System ORS18

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

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

Dreiecks-Helligkeit



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

BAM-Prüfvorlage TG47; Farbmétrik-Systeme ORS18 & ORS18 input: olv* setrgbcolor

D65: 5stufige Farbreihen und Koordinaten-Daten für 10 Bunttöneoutput: Startup (S) data dependend

ORS18; adaptierte CIELAB-Daten

$L^*=L^*_a \quad a^*_a \quad b^*_a \quad C^*_{ab,a} \quad h^*_{ab,a}$

O Ma	47.94	65.37	50.52	82.62	38
Y Ma	90.37	-10.27	91.77	92.34	96
L Ma	50.9	-62.79	34.95	71.87	151
C Ma	58.62	-30.35	-45.01	54.3	236
V Ma	25.71	31.11	-44.42	54.24	305
M Ma	48.13	75.27	-8.35	75.73	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	64.56	25
J CIE	81.26	-2.17	67.76	67.79	92
G CIE	52.23	-42.26	11.75	43.87	164
B CIE	30.57	1.15	-46.84	46.87	271

%Regularität

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

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

%Regularität

$n^* = 1,0$

$n^* = 0,50$

$n^* = 0,25$

$n^* = 0,00$

$n^* = -0,25$

$n^* = -0,50$

$n^* = -0,75$

$n^* = -1,0$

$n^* = -1,25$

$n^* = -1,50$

$n^* = -1,75$

$n^* = -2,00$

$n^* = -2,25$

$n^* = -2,50$

$n^* = -2,75$

$n^* = -3,00$

$n^* = -3,25$

$n^* = -3,50$

$n^* = -3,75$

$n^* = -4,00$

$n^* = -4,25$

$n^* = -4,50$

$n^* = -4,75$

$n^* = -5,00$

$n^* = -5,25$

$n^* = -5,50$

$n^* = -5,75$

$n^* = -6,00$

$n^* = -6,25$

$n^* = -6,50$

$n^* = -6,75$

$n^* = -7,00$

$n^* = -7,25$

$n^* = -7,50$

$n^* = -7,75$

$n^* = -8,00$

$n^* = -8,25$

$n^* = -8,50$

$n^* = -8,75$

$n^* = -9,00$

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$n^* = -12,75$

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$n^* = -14,00$

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$n^* = -14,75$

$n^* = -15,00$

$n^* = -15,25$

$n^* = -15,50$

$n^* = -15,75$

$n^* = -16,00$

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$n^* = -31,75$

$n^* = -32,00$

$n^* = -32,25$

$n^* = -32,50$

$n^* = -32,75$

$n^* = -33,00$

$n^* = -33,25$

$n^* = -33,50$

$n^* = -33,75$

$n^* = -34,00$

Eingabe: Farbmétrisches Reflexions-System NRS11

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

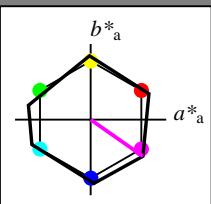
lab^*tch und lab^*nch

D65: Bunton B50R

LCH*Ma: 53 84 325

rgb*Ma: 1.0 0.0 1.0

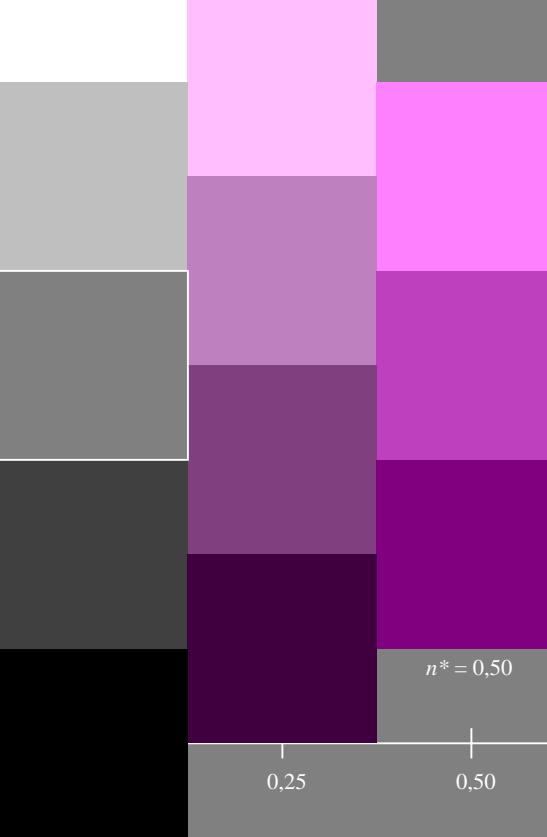
Dreiecks-Helligkeit



%Umfang

$u^*_{rel} = 119$

1,00



$n^* = 1,0$

$n^* = 0,50$

$n^* = 0,25$

Schwarzheit n^*

relative Buntheit c^*

0,25

0,50

0,75

1,00

NRS11; adaptierte CIELAB-Daten

	$L^*=L^*_a$	a^*_{aa}	b^*_{ba}	$C^*_{ab,a}$	$h^*_{ab,a}$
RMa	53.2	77.06	34.32	84.36	24
JMa	53.2	-1.51	84.38	84.39	91
GMa	53.2	-82.27	18.98	84.44	167
G50BMa	53.2	-77.72	-32.98	84.44	203
BMa	53.2	4.37	-84.28	84.41	273
B50RMa	53.2	69.09	-48.41	84.37	325
NMa	10.99	0.0	0.0	0.0	0
WMa	95.41	0.0	0.0	0.0	0
RCIE	39.92	58.69	27.98	65.01	25
JCIE	81.26	-2.9	71.56	71.62	92
GCIE	52.23	-42.45	13.59	44.59	162
BCIE	30.57	1.35	-46.48	46.51	272

D65: Bunton M

LCH*Ma: 48 76 354

rgb*Ma: 1.0 0.0 1.0

Dreiecks-Helligkeit

%Umfang

$u^*_{rel} = 93$

1,00

%Regularität

$g^*_{H,rel} = 47$

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

1,00

%Regularität

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

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

0,75

%Regularität

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

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

0,50

%Regularität

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

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

0,25

%Regularität

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

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

0,00

%Regularität

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

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

-0,25

%Regularität

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

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

-0,50

%Regularität

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

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

-0,75

%Regularität

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

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

-1,00

%Regularität

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

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

-1,25

%Regularität

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

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

-1,50

%Regularität

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

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

-1,75

%Regularität

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

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

-2,00

%Regularität

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

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

-2,25

%Regularität

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

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

-2,50

%Regularität

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

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

-2,75

%Regularität

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

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

-3,00

%Regularität

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

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

-3,25

%Regularität

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

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

-3,50

%Regularität

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

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

-3,75

%Regularität

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

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

-4,00

%Regularität

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

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

-4,25

%Regularität

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

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

-4,50

%Regularität

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

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

-4,75

%Regularität

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

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

-5,00

%Regularität

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

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

-5,25

%Regularität

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

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

-5,50

%Regularität

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

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

-5,75

%Regularität

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

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

-6,00

%Regularität

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

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

-6,25

%Regularität

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

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

-6,50

%Regularität

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

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

-6,75

%Regularität

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

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

-7,00

%Regularität

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

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

-7,25

%Regularität

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

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

-7,50

%Regularität

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

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

-7,75

%Regularität

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

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

-8,00

%Regularität

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

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

-8,25

%Regularität

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

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

-8,50

%Regularität

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

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

-8,75

%Regularität

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

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

-9,00

%Regularität

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

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

-9,25

%Regularität

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

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

-9,50

%Regularität

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

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

-9,75

%Regularität

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

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

-10,00

%Regularität

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

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

-10,25

%Regularität

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

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

-10,50

%Regularität

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

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

-10,75

%Regularität

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

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

-11,00

%Regularität

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

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

-11,25

%Regularität

g^*_{H

Eingabe: Farbmétrisches Reflexions-System NRS11

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

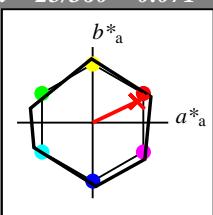
lab^*tch und lab^*nch

D65: Bunton R

LCH*Ma: 53 83 25

rgb*Ma: 1.0 0.03 0.0

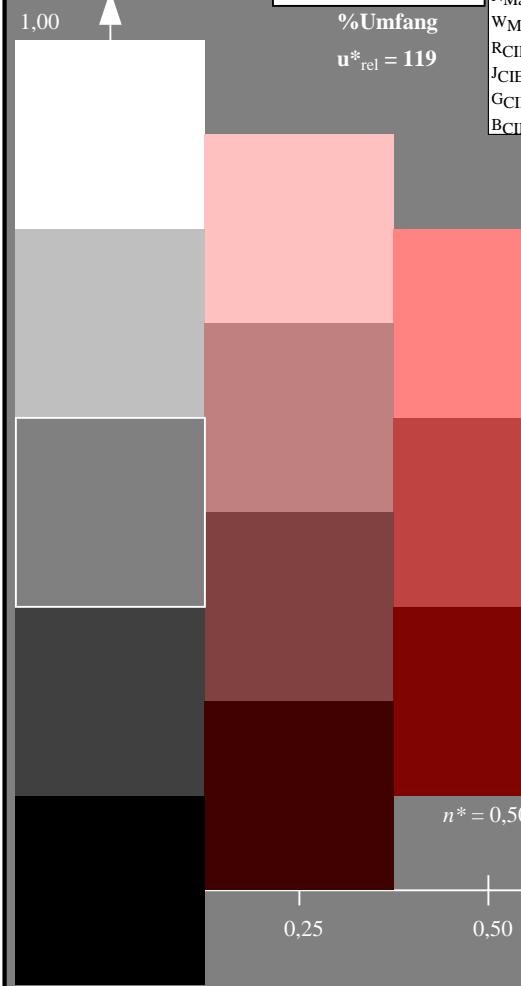
Dreiecks-Helligkeit



%Umfang
 $u^*_{rel} = 119$

NRS11; adaptierte CIELAB-Daten

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
RMa	53.2	77.06	34.32	84.36	24
JMa	53.2	-1.51	84.38	84.39	91
GMa	53.2	-82.27	18.98	84.44	167
G50BMa	53.2	-77.72	-32.98	84.44	203
BMa	53.2	4.37	-84.28	84.41	273
B50RMa	53.2	69.09	-48.41	84.37	325
NMa	10.99	0.0	0.0	0.0	0
WMa	95.41	0.0	0.0	0.0	0
RCIE	39.92	58.69	27.98	65.01	25
JCIE	81.26	-2.9	71.56	71.62	92
GCIE	52.23	-42.45	13.59	44.59	162
BCIE	30.57	1.35	-46.48	46.51	272



%Regularität

$g^*_{H,rel} = 47$

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

Ausgabe: Farbmétrisches Reflexions-System ORS18

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

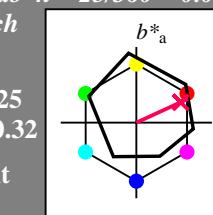
lab^*tch und lab^*nch

D65: Bunton R

LCH*Ma: 48 75 25

rgb*Ma: 1.0 0.0 0.32

Dreiecks-Helligkeit



%Umfang
 $u^*_{rel} = 93$

ORS18; adaptierte CIELAB-Daten

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
OMa	47.94	65.37	50.52	82.62	38
YMa	90.37	-10.27	91.77	92.34	96
LMa	50.9	-62.79	34.95	71.87	151
CMa	58.62	-30.35	-45.01	54.3	236
VMa	25.71	31.11	-44.42	54.24	305
MMa	48.13	75.27	-8.35	75.73	354
NMa	18.01	0.0	0.0	0.0	0
WMa	95.41	0.0	0.0	0.0	0
RCIE	39.92	58.66	26.98	64.56	25
JCIE	81.26	-2.17	67.76	67.79	92
GCIE	52.23	-42.26	11.75	43.87	164
BCIE	30.57	1.15	-46.84	46.87	271

%Regularität

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

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

relative Inform. Technology (IT)	olv^3*	olv^2*	olv^1*	olv^0*	$cmy3*$	$cmy2*$	$cmy1*$	$cmy0*$	lab^*tch	lab^*nch
standard and adapted CIELAB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
LAB^*LAB	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
LAB^*LCh	95.41	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
LAB^*TCh	99.99	0.01	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

relative Inform. Technology (IT)	olv^3*	olv^2*	olv^1*	olv^0*	$cmy3*$	$cmy2*$	$cmy1*$	$cmy0*$	lab^*tch	lab^*nch
standard and adapted CIELAB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
LAB^*LAB	76.06	0.6	3.44	0.0	0.0	0.0	0.0	0.0	0.0	0.0
LAB^*LCh	76.06	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
LAB^*TCh	75.0	0.01	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

relative Inform. Technology (IT)	olv^3*	olv^2*	olv^1*	olv^0*	$cmy3*$	$cmy2*$	$cmy1*$	$cmy0*$	lab^*tch	lab^*nch
standard and adapted CIELAB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
LAB^*LAB	67.06	0.6	3.44	0.0	0.0	0.0	0.0	0.0	0.0	0.0
LAB^*LCh	67.06	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
LAB^*TCh	67.06	0.01	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

relative Inform. Technology (IT)	olv^3*	olv^2*	olv^1*	olv^0*	$cmy3*$	$cmy2*$	$cmy1*$	$cmy0*$	lab^*tch	lab^*nch
standard and adapted CIELAB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
LAB^*LAB	62.71	0.23	2.14	0.0	0.0	0.0	0.0	0.0	0.0	0.0
LAB^*LCh	62.71	0.01	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
LAB^*TCh	50.0	0.01	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

relative Inform. Technology (IT)	olv^3*	olv^2*	olv^1*	olv^0*	$cmy3*$	$cmy2*$	$cmy1*$	$cmy0*$	lab^*tch	lab^*nch
standard and adapted CIELAB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
LAB^*LAB	56.71	0.23	2.14	0.0	0.0	0.0	0.0	0.0	0.0	0.0
LAB^*LCh	56.71	0.01	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
LAB^*TCh	50.0	0.01	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

relative Inform. Technology (IT)	olv^3*	olv^2*	olv^1*	olv^0*	$cmy3*$	$cmy2*$	$cmy1*$	$cmy0*$	lab^*tch	lab^*nch
standard and adapted CIELAB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
LAB^*LAB	52.36	0.23	2.14	0.0	0.0	0.0	0.0	0.0	0.0	0.0
LAB^*LCh	52.36	0.01	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
LAB^*TCh	48.01	0.01	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

relative Inform. Technology (IT)	olv^3*	olv^2*	olv^1*	olv^0*	$cmy3*$	$cmy2*$	$cmy1*$	$cmy0*$	lab^*tch	lab^*nch
standard and adapted CIELAB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
LAB^*LAB	51.12	0.23	2.14	0.0	0.0	0.0	0.0	0.0	0.0	0.0
LAB^*LCh	51.12	0.01	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
LAB^*TCh	47.35	0.01	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

relative Inform. Technology (IT)	olv^3*	olv^2*	olv^1*	olv^0*	$cmy3*$	$cmy2*$	$cmy1*$	$cmy0*$	lab^*tch	lab^*nch
standard and adapted CIELAB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
LAB^*LAB	51.12	0.23	2.14	0.0	0.0	0.0	0.0	0.0	0.0	0.0
LAB^*LCh	51.12	0.01	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
LAB^*TCh	47.35	0.01	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

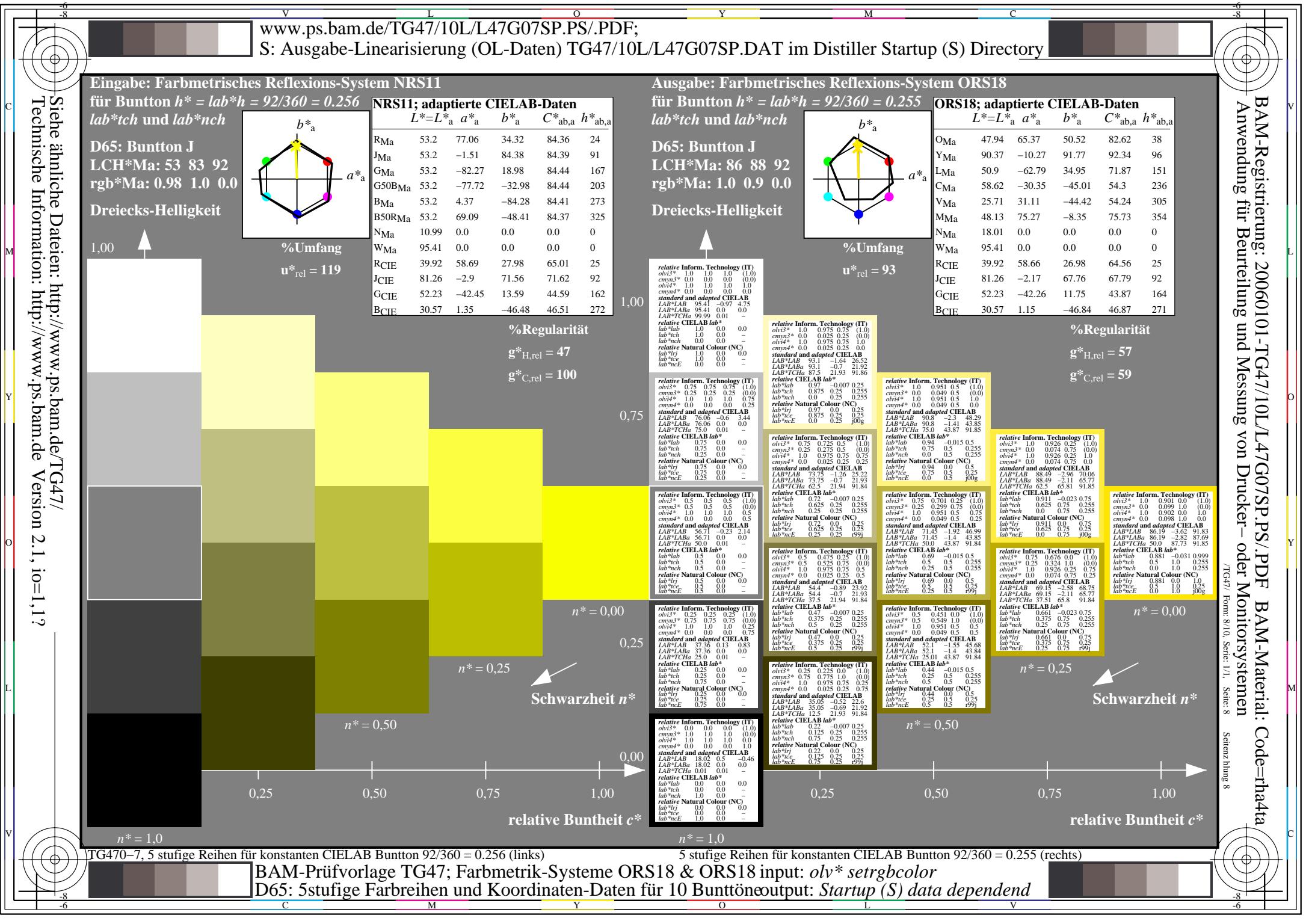
$n^* = 1,0$

$n^* = 0,50$

$n^* = 0,25$

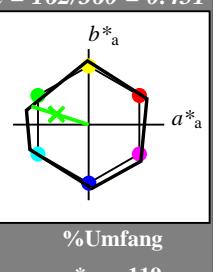
$n^* = 0,00$

n^*



Eingabe: Farbmétrisches Reflexions-System NRS11

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



%Umfang
 $u^*_{rel} = 119$

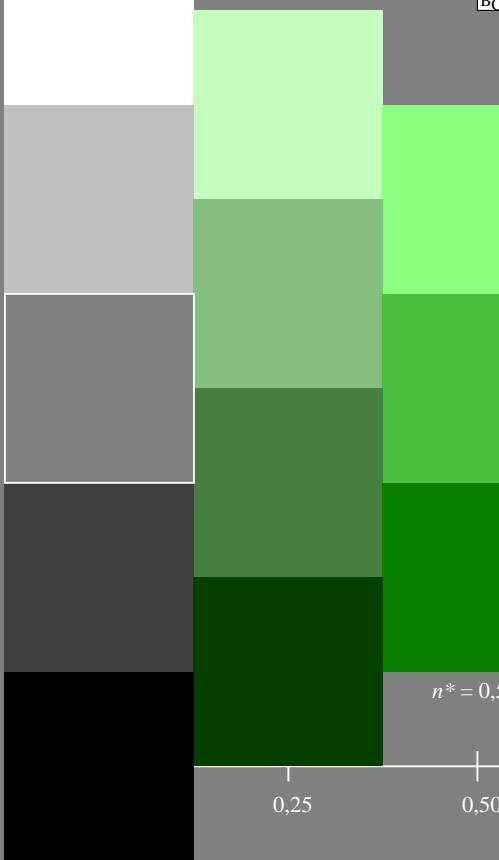
D65: Bunton G

LCH*Ma: 53 80 162

rgb*Ma: 0.08 1.0 0.0

Dreiecks-Helligkeit

1,00



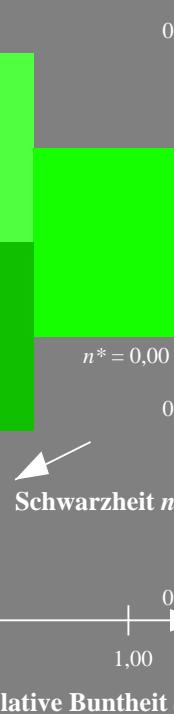
$n^* = 1,0$

NRS11; adaptierte CIELAB-Daten

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
RMa	53.2	77.06	34.32	84.36	24
JMa	53.2	-1.51	84.38	84.39	91
GMa	53.2	-82.27	18.98	84.44	167
G50BMa	53.2	-77.72	-32.98	84.44	203
BMa	53.2	4.37	-84.28	84.41	273
B50RMa	53.2	69.09	-48.41	84.37	325
NMa	10.99	0.0	0.0	0.0	0
WMa	95.41	0.0	0.0	0.0	0
RCIE	39.92	58.69	27.98	65.01	25
JCIE	81.26	-2.9	71.56	71.62	92
GCIE	52.23	-42.45	13.59	44.59	162
BCIE	30.57	1.35	-46.48	46.51	272

%Regularität

$g^*_{H,rel} = 47$
 $g^*_{C,rel} = 100$

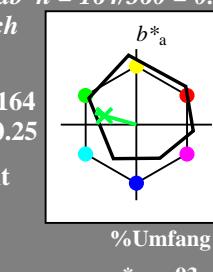


$n^* = 1,0$

Ausgabe: Farbmétrisches Reflexions-System ORS18

für Bunton $h^* = lab^*h = 164/360 = 0.457$

lab^*tch und lab^*nch



%Umfang
 $u^*_{rel} = 93$

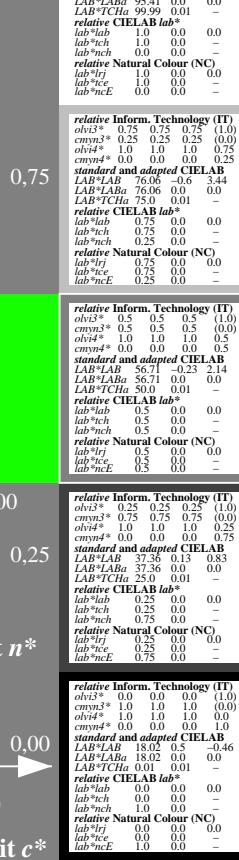
D65: Bunton G

LCH*Ma: 53 57 164

rgb*Ma: 0.0 1.0 0.25

Dreiecks-Helligkeit

1,00



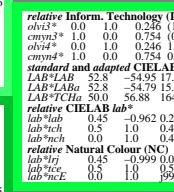
$n^* = 1,0$

ORS18; adaptierte CIELAB-Daten

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
OMa	47.94	65.37	50.52	82.62	38
YMa	90.37	-10.27	91.77	92.34	96
LMa	50.9	-62.79	34.95	71.87	151
CMa	58.62	-30.35	45.01	54.3	236
VMa	25.71	31.11	-44.42	54.24	305
MMa	48.13	75.27	-8.35	75.73	354
NMa	18.01	0.0	0.0	0.0	0
WMa	95.41	0.0	0.0	0.0	0
RCIE	39.92	58.66	26.98	64.56	25
JCIE	81.26	-2.17	67.76	67.79	92
GCIE	52.23	-42.26	11.75	43.87	164
BCIE	30.57	1.15	-46.84	46.87	271

%Regularität

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



$n^* = 0,00$



	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
OLV1	0.25	1.0	0.565	(1,0)	
CNV3	0.5	0.0	0.377	(0,0)	
OLV4	0.5	1.0	0.812	1.0	
CNV5	0.25	0.0	0.188	0.0	
standard and adapted CIELAB					
LAB*LAB	54.75	-27.96	10.94		
LAB*TChla	74.1	-27.39	7.62		
LAB*LAB	84.75	-13.69	3.81		
LAB*TChla	14.22	164.46			
relative Inform. Technology (IT)					
olv3*	0.75	0.5	0.888	(1,0)	
cmy3*	0.75	1.0	0.888	(1,0)	
olv4*	0.75	1.0	0.812	1.0	
cmy4*	0.25	0.0	0.188	0.0	
standard and adapted CIELAB					
LAB*LAB	67.06	-0.6	3.44		
LAB*TChla	75.0	0.01			
relative CIELAB lab*					
lab*lab	0.75	0.5	0.565	(1,0)	
lab*tch	0.25	0.0	0.457	(0,0)	
lab*nch	0.25	0.0	0.457	(0,0)	
relative Natural Colour (NC)					
lab*irj	0.75	0.0	0.249	0.0	
lab*ice	0.75	0.0	0.25	0.5	
lab*nce	0.25	0.0	0.25	0.5	
relative Inform. Technology (IT)					
olv3*	0.25	0.5	0.623	(1,0)	
cmy3*	0.5	0.0	0.377	(0,0)	
olv4*	0.5	1.0	0.623	1.0	
cmy4*	0.25	0.0	0.377	0.0	
standard and adapted CIELAB					
LAB*LAB	67.06	-0.6	3.44		
LAB*TChla	75.0	0.01			
relative CIELAB lab*					
lab*lab	0.75	0.5	0.565	(1,0)	
lab*tch	0.25	0.0	0.457	(0,0)	
lab*nch	0.25	0.0	0.457	(0,0)	
relative Natural Colour (NC)					
lab*irj	0.75	0.0	0.249	0.0	
lab*ice	0.75	0.0	0.25	0.5	
lab*nce	0.25	0.0	0.25	0.5	
relative Inform. Technology (IT)					
olv3*	0.25	0.5	0.373	(1,0)	
cmy3*	0.75	0.5	0.627	(0,0)	
olv4*	0.25	0.0	0.457	(0,0)	
cmy4*	0.5	1.0	0.623	0.5	
standard and adapted CIELAB					
LAB*LAB	54.75	-27.96	10.94		
LAB*TChla	74.1	-27.39	7.62		
LAB*LAB	84.75	-13.69	3.81		
LAB*TChla	14.22	164.46			
relative CIELAB lab*					
lab*lab	0.75	0.5	0.373	(1,0)	
lab*tch	0.25	0.0	0.457	(0,0)	
lab*nch	0.25	0.0	0.457	(0,0)	
relative Natural Colour (NC)					
lab*irj	0.75	0.0	0.249	0.0	
lab*ice	0.75	0.0	0.25	0.5	
lab*nce	0.25	0.0	0.25	0.5	
relative Inform. Technology (IT)					
olv3*	0.25	0.5	0.373	(1,0)	
cmy3*	0.75	0.5	0.627	(0,0)	
olv4*	0.25	0.0	0.457	(0,0)	
cmy4*	0.5	1.0	0.623	0.5	
standard and adapted CIELAB					
LAB*LAB	54.75	-27.96	10.94		
LAB*TChla	74.1	-27.39	7.62		
LAB*LAB	84.75	-13.69	3.81		
LAB*TChla	14.22	164.46			
relative CIELAB lab*					
lab*lab	0.75	0.5	0.373	(1,0)	
lab*tch	0.25	0.0	0.457	(0,0)	
lab*nch	0.25	0.0	0.457	(0,0)	
relative Natural Colour (NC)					
lab*irj	0.75	0.0	0.249	0.0	
lab*ice	0.75	0.0	0.25	0.5	
lab*nce	0.25	0.0	0.25	0.5	
relative Inform. Technology (IT)					
olv3*	0.25	0.5	0.373	(1,0)	
cmy3*	0.75	0.5	0.627	(0,0)	
olv4*	0.25	0.0	0.457	(0,0)	
cmy4*	0.5	1.0	0.623	0.5	
standard and adapted CIELAB					
LAB*LAB	54.75	-27.96	10.94		
LAB*TChla	74.1	-27.39	7.62		
LAB*LAB	84.75	-13.69	3.81		
LAB*TChla	14.22	164.46			
relative CIELAB lab*					
lab*lab	0.75	0.5	0.373	(1,0)	
lab*tch	0.25	0.0	0.457	(0,0)	
lab*nch	0.25	0.0	0.457	(0,0)	
relative Natural Colour (NC)					
lab*irj	0.75	0.0	0.249	0.0	
lab*ice	0.75	0.0	0.25	0.5	
lab*nce	0.25	0.0	0.25	0.5	
relative Inform. Technology (IT)					
olv3*	0.25	0.5	0.373	(1,0)	
cmy3*	0.75	0.5	0.627	(0,0)	
olv4*	0.25	0.0	0.457	(0,0)	
cmy4*	0.5	1.0	0.623	0.5	
standard and adapted CIELAB					
LAB*LAB	54.75	-27.96	10.94		
LAB*TChla	74.1	-27.39	7.62		
LAB*LAB	84.75	-13.69	3.81		
LAB*TChla	14.22	164.46			
relative CIELAB lab*					
lab*lab	0.75	0.5	0.373	(1,0)	
lab*tch	0.25	0.0	0.457	(0,0)	
lab*nch	0.25	0.0	0.457	(0,0)	
relative Natural Colour (NC)					
lab*irj	0.75	0.0	0.249	0.0	
lab*ice	0.75	0.0	0.25	0.5	
lab*nce	0.25	0.0	0.25	0.5	



$n^* = 0,00$

TG470-7, 5 stufige Reihen für konstanten CIELAB Bunnton 162/360 = 0.451 (links)

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

BAM-Prüfvorlage TG47; Farbmétrik-Systeme ORS18 & ORS18 input: $olv^* setrgbcolor$
D65: 5stufige Farbreihen und Koordinaten-Daten für 10 Bunttöneoutput: Startup (S) data dependend

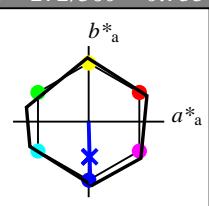
Eingabe: Farbmétrisches Reflexions-System NRS11
für Bunton $h^* = lab^*h = 272/360 = 0.755$
 lab^*tch und lab^*nch

D65: Bunton B

LCH*Ma: 53 83 272

rgb*Ma: 0.0 0.02 1.0

Dreiecks-Helligkeit



%Umfang

 $u^*_{rel} = 119$

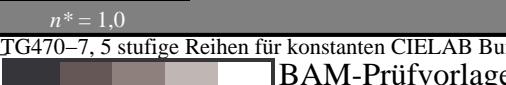
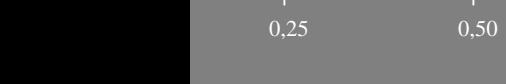
1,00



NRS11; adaptierte CIELAB-Daten

	$L^*=L_a^*$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
RMa	53.2	77.06	34.32	84.36	24
JMa	53.2	-1.51	84.38	84.39	91
GMa	53.2	-82.27	18.98	84.44	167
G50BMa	53.2	-77.72	-32.98	84.44	203
BMa	53.2	4.37	-84.28	84.41	273
B50RMa	53.2	69.09	-48.41	84.37	325
NMa	10.99	0.0	0.0	0.0	0
WMa	95.41	0.0	0.0	0.0	0
RCIE	39.92	58.69	27.98	65.01	25
JCIE	81.26	-2.9	71.56	71.62	92
GCIE	52.23	-42.45	13.59	44.59	162
BCIE	30.57	1.35	-46.48	46.51	272

%Regularität

 $g^*_{H,rel} = 47$ $g^*_{C,rel} = 100$  $n^* = 0,50$

Schwarzheit n^*

relative Buntheit c^*

0,00

0,25

0,50

0,75

1,00

 $n^* = 1,0$

Ausgabe: Farbmétrisches Reflexions-System ORS18

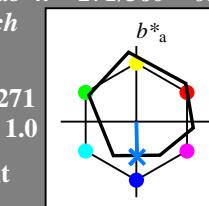
für Bunton $h^* = lab^*h = 271/360 = 0.754$ lab^*tch und lab^*nch

D65: Bunton B

LCH*Ma: 42 45 271

rgb*Ma: 0.0 0.49 1.0

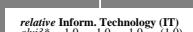
Dreiecks-Helligkeit



%Umfang

 $u^*_{rel} = 93$

1,00



relative Inform. Technology (IT)

standard and adapted CIELAB

relative Natural Colour (NC)

standard and adapted CIELAB

relative Inform. Technology (IT)

standard and adapted CIELAB

relative Natural Colour (NC)

standard and adapted CIELAB

relative Inform. Technology (IT)

standard and adapted CIELAB

relative Inform. Technology (IT)

standard and adapted CIELAB

relative Natural Colour (NC)

standard and adapted CIELAB

relative Inform. Technology (IT)

standard and adapted CIELAB

relative Natural Colour (NC)

standard and adapted CIELAB

relative Inform. Technology (IT)

standard and adapted CIELAB

ORS18; adaptierte CIELAB-Daten

	$L^*=L_a^*$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
OMa	47.94	65.37	50.52	82.62	38
YMa	90.37	-10.27	91.77	92.34	96
LMa	50.9	-62.79	34.95	71.87	151
CMa	58.62	-30.35	-45.01	54.3	236
VMa	25.71	31.11	-44.42	54.24	305
MMa	48.13	75.27	-8.35	75.73	354
NMa	18.01	0.0	0.0	0.0	0
WMa	95.41	0.0	0.0	0.0	0
RCIE	39.92	58.66	26.98	64.56	25
JCIE	81.26	-2.17	67.76	67.79	92
GCIE	52.23	-42.26	11.75	43.87	164
BCIE	30.57	1.15	-46.84	46.87	271

%Regularität

 $g^*_{H,rel} = 57$ $g^*_{C,rel} = 59$ $n^* = 0,00$

Schwarzheit n^*

relative Buntheit c^*

0,00

0,25

0,50

0,75

1,00

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

BAM-Registrierung: 20060101-TG47/10L/L47G09SP.PS./PDF

Anwendung für Beurteilung und Messung von Drucker- oder Monitorsystemen

/TG47/ Form: 10/10 Serie: 1/1 Seite: 10 Seitenanzahl 10

TG47-7, 5stufige Reihen für konstanten CIELAB Bunnton 272/360 = 0.755 (links)

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

BAM-Prüfvorlage TG47; Farbmétrik-Systeme ORS18 & ORS18 input: $olv^* setrgbcolor$
D65: 5stufige Farbreihen und Koordinaten-Daten für 10 Bunttöneoutput: Startup (S) data dependend