

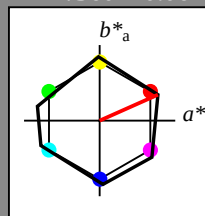
Eingabe: Farbmatisches Reflexions-System NRS11

für Buntton $h^* = lab^*h = 24/360 = 0.067$

lab^*tch und lab^*nch

D65: Buntton R
LCH*Ma: 53 84 24
rgb*Ma: 1.0 0.0 0.0

Dreiecks-Helligkeit



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
G50B _{Ma}	53.2	-77.72	-32.98	84.44	203
B _{Ma}	53.2	4.37	-84.28	84.41	273
B50R _{Ma}	53.2	69.09	-48.41	84.37	325
N _{Ma}	10.99	0.0	0.0	0.0	0
W _{Ma}	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

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

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

1,00

0,75

$n^* = 0,00$

0,25

$n^* = 0,25$

$n^* = 0,50$

Schwarzheit n^*

$n^* = 1,0$

relative Buntheit c^*

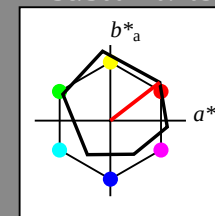
Ausgabe: Farbmatisches Reflexions-System ORS18

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

lab^*tch und lab^*nch

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

Dreiecks-Helligkeit



%Umfang

$u^*_{rel} = 93$

ORS18; adaptierte CIELAB-Daten					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
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
N _{Ma}	18.01	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
RCIE	39.92	58.66	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

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

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

1,00

0,75

$n^* = 0,00$

0,25

$n^* = 0,25$

Schwarzheit n^*

$n^* = 1,0$

relative Buntheit c^*

TG470-7, 5 stufige Reihen für konstanten CIELAB Buntton 24/360 = 0.067 (links)

5 stufige Reihen für konstanten CIELAB Buntton 38/360 = 0.105 (rechts)

BAM-Prüfvorlage TG47; Farbmatrik-Systeme NRS11 & ORS18 input: $olv^* setrgbcolor$

D65: 5stufige Farbreihen und Koordinaten-Daten für 10 Bunttöneoutput: $olv^* setrgbcolor / w^* setgray$

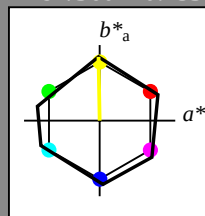
Eingabe: Farbmatisches Reflexions-System NRS11

für Buntton $h^* = lab^*h = 91/360 = 0.253$

lab^*tch und lab^*nch

D65: Buntton J
LCH*Ma: 53 84 91
rgb*Ma: 1.0 1.0 0.0

Dreiecks-Helligkeit



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

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

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

1,00

0,75

$n^* = 0,00$

0,25

$n^* = 0,25$

$n^* = 0,50$

relative Buntheit c^*

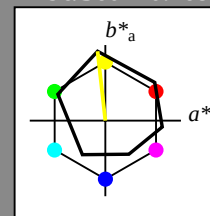
Ausgabe: Farbmatisches Reflexions-System ORS18

für Buntton $h^* = lab^*h = 96/360 = 0.268$

lab^*tch und lab^*nch

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

Dreiecks-Helligkeit



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

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

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

$n^* = 0,00$

$n^* = 0,25$

$n^* = 0,50$

relative Buntheit c^*

TG470-7, 5 stufige Reihen für konstanten CIELAB Buntton 91/360 = 0.253 (links)

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

BAM-Prüfvorlage TG47; Farbmatrik-Systeme NRS11 & ORS18 input: $olv^* setrgbcolor$

D65: 5stufige Farbreihen und Koordinaten-Daten für 10 Bunttöneoutput: $olv^* setrgbcolor / w^* setgray$

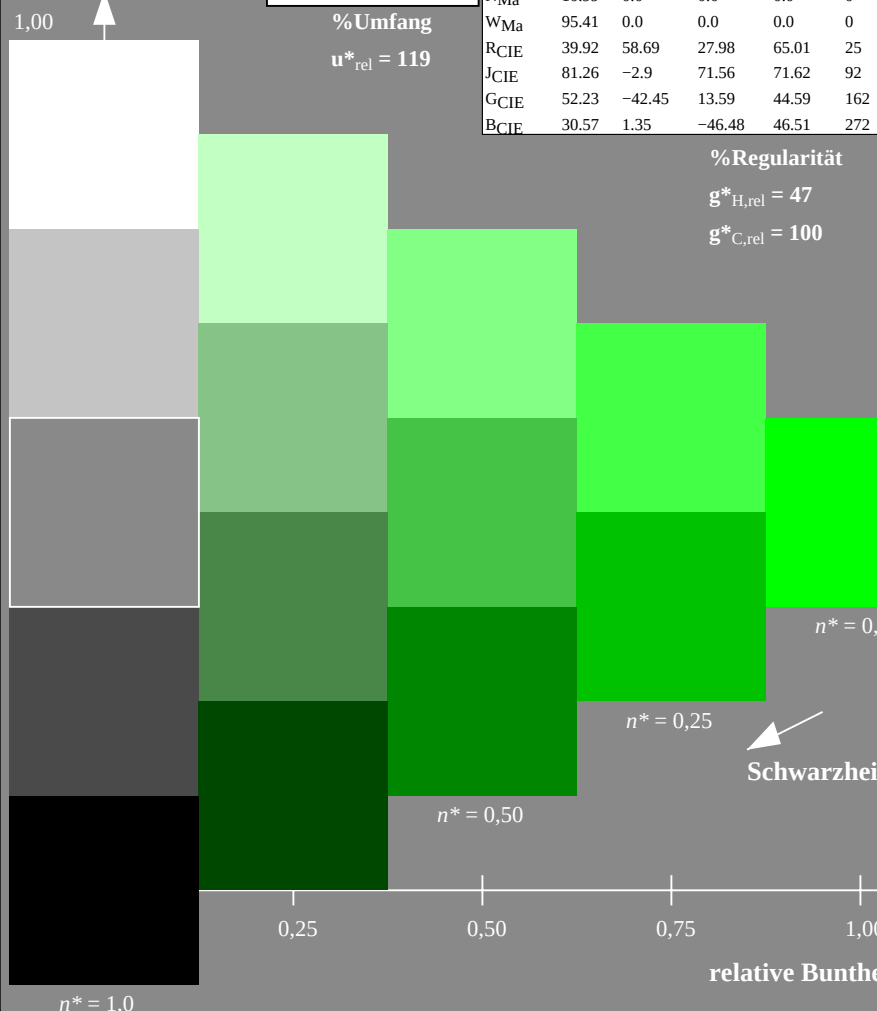
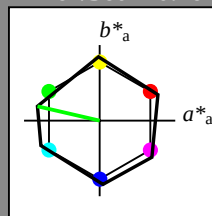
Eingabe: Farbmatisches Reflexions-System NRS11

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

lab^*tch und lab^*nch

D65: Buntton G
LCH*Ma: 53 84 167
rgb*Ma: 0.0 1.0 0.0

Dreiecks-Helligkeit



TG470-7, 5 stufige Reihen für konstanten CIELAB Buntton 167/360 = 0.464 (links)

BAM-Prüfvorlage TG47; Farbmatrik-Systeme NRS11 & ORS18 input: $olv^* setrgbcolor$

D65: 5stufige Farbreihen und Koordinaten-Daten für 10 Bunttöne output: $olv^* setrgbcolor / w^* setgray$

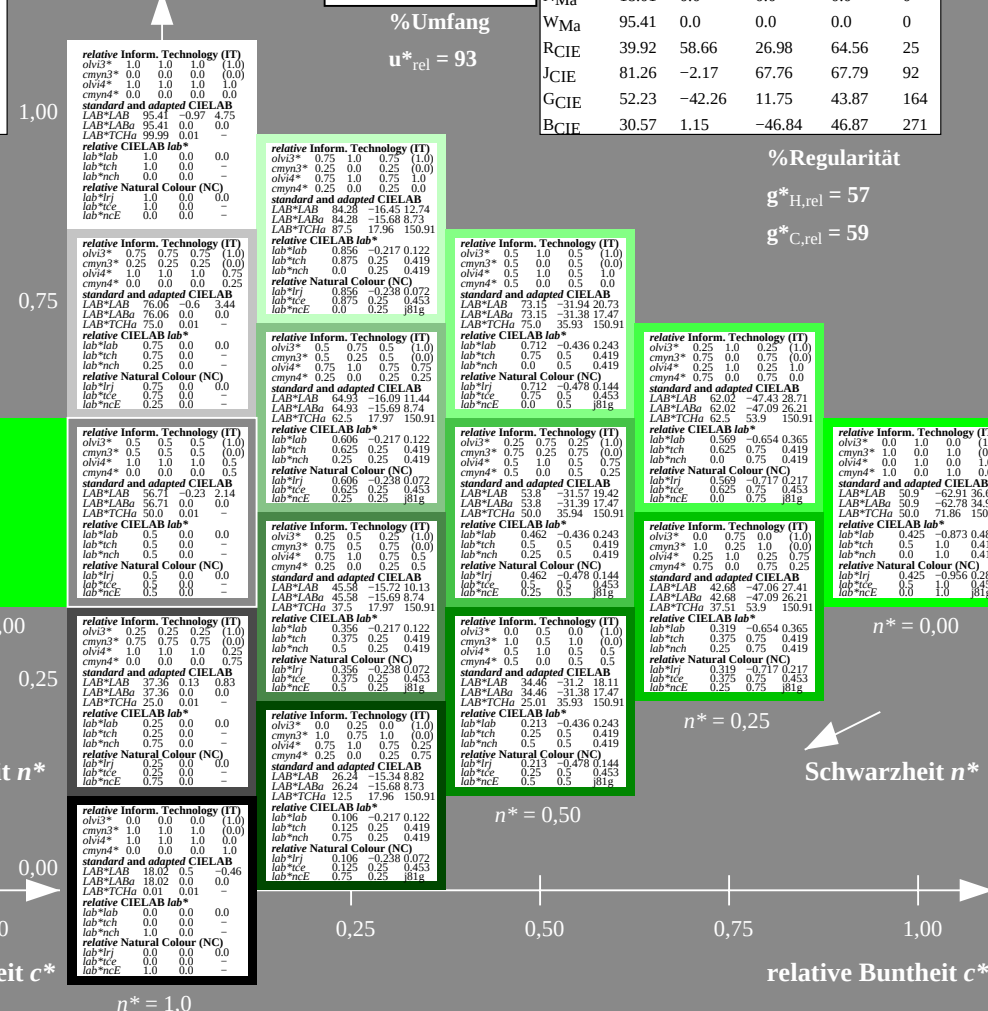
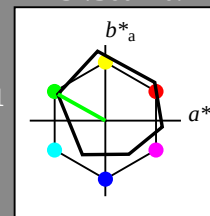
Ausgabe: Farbmatisches Reflexions-System ORS18

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

lab^*tch und lab^*nch

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

Dreiecks-Helligkeit



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

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
G50B _{Ma}	53.2	-77.72	-32.98	84.44	203
B _{Ma}	53.2	4.37	-84.28	84.41	273
B50R _{Ma}	53.2	69.09	-48.41	84.37	325
N _{Ma}	10.99	0.0	0.0	0.0	0
W _{Ma}	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

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

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

1,00

0,75

$n^* = 0,00$

0,25

$n^* = 0,25$

$n^* = 0,50$

0,00

$n^* = 1,0$

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	(0.0)
olvi4*	1.0	1.0	1.0	1.0	(0.0)
cmyn4*	0.0	0.0	0.0	0.0	(0.0)
standard and adapted CIELAB					
LAB*LAB	95.41	-0.97	4.75		
LAB*LAB	95.41	0.0	0.0		
LAB*TCh	98.91	0.01	0.0		
relative CIELAB lab*					
lab*lab	1.0	0.0	0.0		
lab*tch	1.0	0.0	0.0		
lab*nch	0.0	0.0	0.0		
relative Natural Colour (NC)					
lab*trj	1.0	0.0	0.0		
lab*tce	1.0	0.0	0.0		
lab*nce	0.0	0.0	0.0		

relative Inform. Technology (IT)					
olvi3*	0.75	0.75	0.75	(1.0)	
cmyn3*	0.25	0.25	0.25	0.0	(0.0)
olvi4*	1.0	1.0	1.0	0.75	(0.0)
cmyn4*	0.0	0.0	0.0	0.25	(0.0)
standard and adapted CIELAB					
LAB*LAB	76.06	-0.6	3.44		
LAB*LAB	76.06	0.0	0.0		
LAB*TCh	75.0	0.01	0.0		
relative CIELAB lab*					
lab*lab	0.75	0.0	0.0		
lab*tch	0.75	0.0	0.0		
lab*nch	0.25	0.0	0.0		
relative Natural Colour (NC)					
lab*trj	0.75	0.0	0.0		
lab*tce	0.75	0.0	0.0		
lab*nce	0.25	0.0	0.0		

relative Inform. Technology (IT)					
olvi3*	0.5	0.5	0.5	(1.0)	
cmyn3*	0.5	0.5	0.5	0.0	(0.0)
olvi4*	1.0	1.0	1.0	0.5	(0.0)
cmyn4*	0.0	0.0	0.0	0.5	(0.0)
standard and adapted CIELAB					
LAB*LAB	56.71	0.23	2.14		
LAB*LAB	56.71	0.0	0.0		
LAB*TCh	50.0	0.01	0.0		
relative CIELAB lab*					
lab*lab	0.5	0.0	0.0		
lab*tch	0.5	0.0	0.0		
lab*nch	0.5	0.0	0.0		
relative Natural Colour (NC)					
lab*trj	0.5	0.0	0.0		
lab*tce	0.5	0.0	0.0		
lab*nce	0.5	0.0	0.0		

relative Inform. Technology (IT)					
olvi3*	0.25	0.25	0.25	(1.0)	
cmyn3*	0.75	0.75	0.75	0.0	(0.0)
olvi4*	1.0	1.0	1.0	0.25	(0.0)
cmyn4*	0.0	0.0	0.0	0.75	(0.0)
standard and adapted CIELAB					
LAB*LAB	37.36	0.13	0.83		
LAB*LAB	37.36	0.0	0.0		
LAB*TCh	25.0	0.01	0.0		
relative CIELAB lab*					
lab*lab	0.25	0.0	0.0		
lab*tch	0.25	0.0	0.0		
lab*nch	0.75	0.0	0.0		
relative Natural Colour (NC)					
lab*trj	0.25	0.0	0.0		
lab*tce	0.25	0.0	0.0		
lab*nce	0.75	0.0	0.0		

relative Inform. Technology (IT)					
olvi3*	0.0	0.0	0.0	(1.0)	
cmyn3*	1.0	1.0	1.0	0.0	(0.0)
olvi4*	1.0	1.0	1.0	0.0	(0.0)
cmyn4*	0.0	0.0	0.0	1.0	(0.0)
standard and adapted CIELAB					
LAB*LAB	18.02	0.5	-0.46		
LAB*LAB	18.02	0.0	0.0		
LAB*TCh	0.01	0.0	0.0		
relative CIELAB lab*					
lab*lab	0.0	0.0	0.0		
lab*tch	0.0	0.0	0.0		
lab*nch	1.0	0.0	0.0		
relative Natural Colour (NC)					
lab*trj	0.0	0.0	0.0		
lab*tce	0.0	0.0	0.0		
lab*nce	1.0	0.0	0.0		

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
N _{Ma}	18.01	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
RCIE	39.92	58.66	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

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

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

$n^* = 0,00$

$n^* = 0,25$

$n^* = 0,50$

relative Buntheit c^*

relative Inform. Technology (IT)					
olvi3*	0.75	1.0	0.75	(1.0)	
cmyn3*	0.25	0.0	0.75	0.0	(0.0)
olvi4*	0.75	1.0	0.75	1.0	(0.0)
cmyn4*	0.25	0.0	0.25	0.0	(0.0)
standard and adapted CIELAB					
LAB*LAB	84.28	-16.45	12.74		
LAB*LAB	84.28	-15.68	8.73		
LAB*TCh	87.5	17.96	150.91		
relative CIELAB lab*					
lab*lab	0.75	0.0	0.25		
lab*tch	0.75	0.0	0.25		
lab*nch	0.0	0.25	0.419		
relative Natural Colour (NC)					
lab*trj	0.75	0.0	0.25		
lab*tce	0.75	0.0	0.453		
lab*nce	0.0	0.25	0.818		

relative Inform. Technology (IT)					
olvi3*	0.5	1.0	0.5	(1.0)	
cmyn3*	0.5	0.0	0.5	0.0	(0.0)
olvi4*	0.5	1.0	0.5	1.0	(0.0)
cmyn4*	0.5	0.0	0.5	0.0	(0.0)
standard and adapted CIELAB					
LAB*LAB	73.15	-31.94	20.73		
LAB*LAB	73.15	-31.38	17.47		
LAB*TCh	75.0	35.93	150.91		
relative CIELAB lab*					
lab*lab	0.5	0.0	0.25		
lab*tch	0.5	0.0	0.25		
lab*nch	0.5	0.0	0.419		
relative Natural Colour (NC)					
lab*trj	0.5	0.0	0.25		
lab*tce	0.5	0.0	0.453		
lab*nce	0.0	0.25	0.818		

relative Inform. Technology (IT)					
olvi3*	0.25	0.75	0.25	(1.0)	
cmyn3*	0.75	0.25	0.75	0.0	(0.0)
olvi4*	0.5	1.0	0.5	0.75	(0.0)
cmyn4*	0.5	0.0	0.5	0.25	(0.0)
standard and adapted CIELAB					
LAB*LAB	53.8	-31.57	19.42		
LAB*LAB	53.8	-31.39	17.47		
LAB*TCh	50.0	35.94	150.91		
relative CIELAB lab*					
lab*lab	0.25	0.0	0.25		
lab*tch	0.25	0.0	0.25		
lab*nch	0.25	0.0	0.419		
relative Natural Colour (NC)					
lab*trj	0.25	0.0	0.25		
lab*tce	0.25	0.0	0.453		
lab*nce	0.25	0.0	0.818		

relative Inform. Technology (IT)					
olvi3*	0.0	0.5	0.0	(1.0)	
cmyn3*	1.0	0.5	1.0	0.0	(0.0)
olvi4*	0.5	1.0	0.5	0.5	(0.0)
cmyn4*	0.5	0.0	0.5	0.5	(0.0)
standard and adapted CIELAB					
LAB*LAB	34.46	-31.2	18.01		
LAB*LAB	34.46	-31.38	17.47		
LAB*TCh	25.01	35.93	150.91		
relative CIELAB lab*					
lab*lab	0.0	0.25	0.25		
lab*tch	0.0	0.25	0.25		
lab*nch	0.5	0.0	0.419		
relative Natural Colour (NC)					
lab*trj	0.0	0.25	0.25		
lab*tce	0.0	0.25	0.453		
lab*nce	0.5	0.0	0.818		

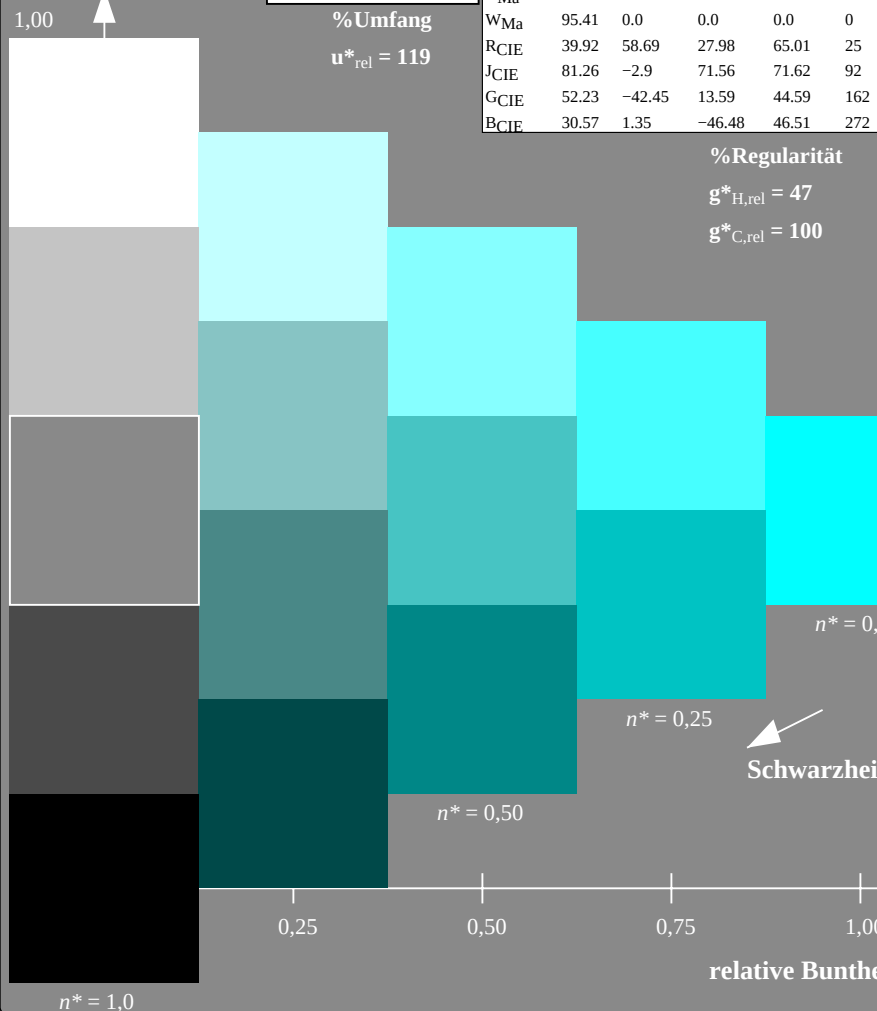
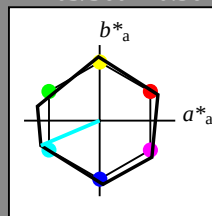
g* C,rel					
relative Inform. Technology (IT)					
olvi3*	0.25	1.0	0.25	(1.0)	
cmyn3*	0.75	1.0	0.75	(0.0)	
olvi4*	0.25	1.0	0.25	1.0	
cmyn4*	0.75	0.0	0.75	0.0	
standard and adapted CIELAB					
LAB*LAB	62.02	-47.43	28.71		
LAB*LABa	62.02	-47.09	26.21		

Eingabe: Farbmatisches Reflexions-System NRS11

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

D65: Buntton G50B
LCH*Ma: 53 84 203
rgb*Ma: 0.0 1.0 1.0

Dreiecks-Helligkeit



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

BAM-Prüfvorlage TG47; Farbmatrik-Systeme NRS11 & ORS18 input: $olv^* setrgbcolor$

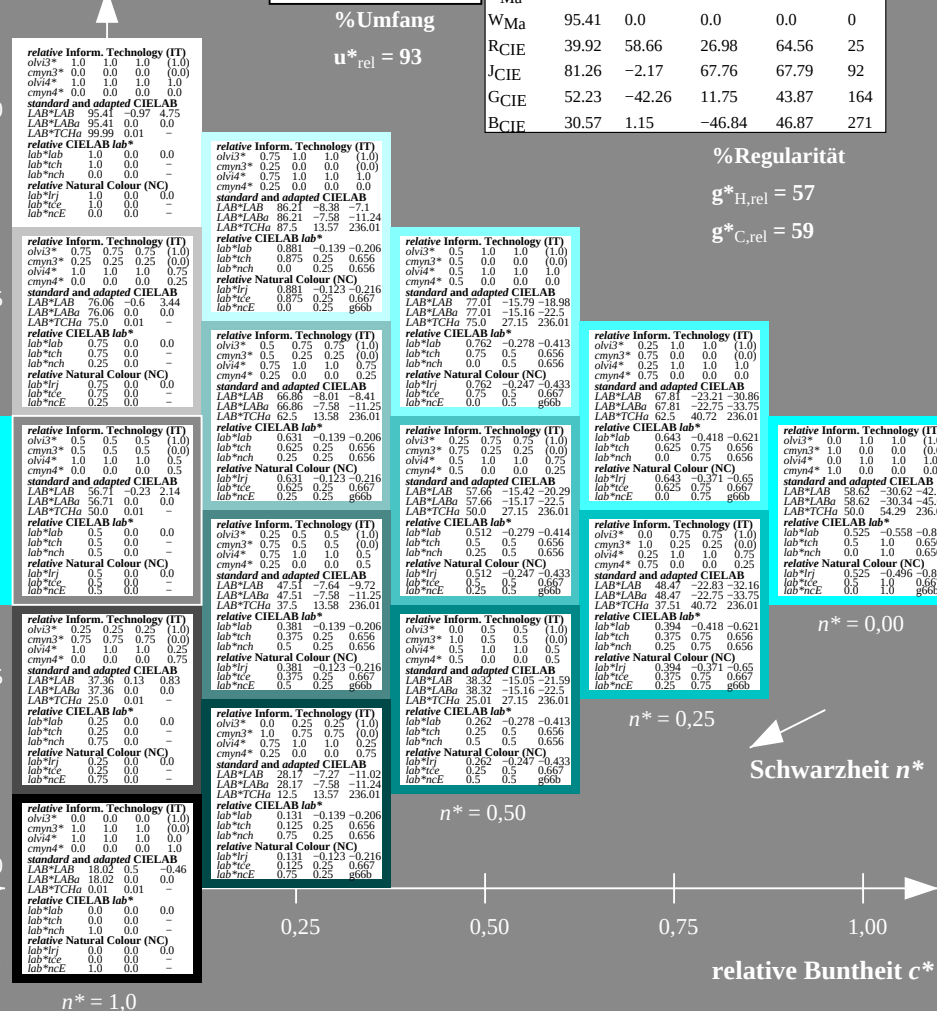
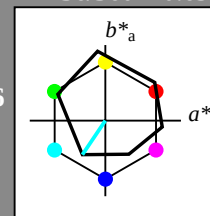
D65: 5stufige Farbreihen und Koordinaten-Daten für 10 Bunttöne output: $olv^* setrgbcolor / w^* setgray$

Ausgabe: Farbmatisches Reflexions-System ORS18

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

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

Dreiecks-Helligkeit



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

Eingabe: Farbmatisches Reflexions-System NRS11

für Buntton $h^* = lab^*h = 273/360 = 0.758$

lab^*tch und lab^*nch

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

Dreiecks-Helligkeit

1,00

%Umfang

$u^*_{rel} = 119$

%Regularität

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

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

0,75

$n^* = 0,00$

0,25

$n^* = 0,25$

0,00

$n^* = 0,50$

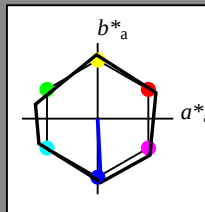
0,25

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relative Buntheit c^*

$n^* = 1,0$



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
G50B _{Ma}	53.2	-77.72	-32.98	84.44	203
B _{Ma}	53.2	4.37	-84.28	84.41	273
B50R _{Ma}	53.2	69.09	-48.41	84.37	325
N _{Ma}	10.99	0.0	0.0	0.0	0
W _{Ma}	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

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

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

1,00

%Umfang

$u^*_{rel} = 93$

%Regularität

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

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

0,75

$n^* = 0,00$

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$n^* = 0,25$

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$n^* = 0,50$

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1,00

relative Buntheit c^*

$n^* = 1,0$

Schwarzheit n^*

relative Buntheit c^*

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relative Buntheit c^*

$n^* = 1,0$

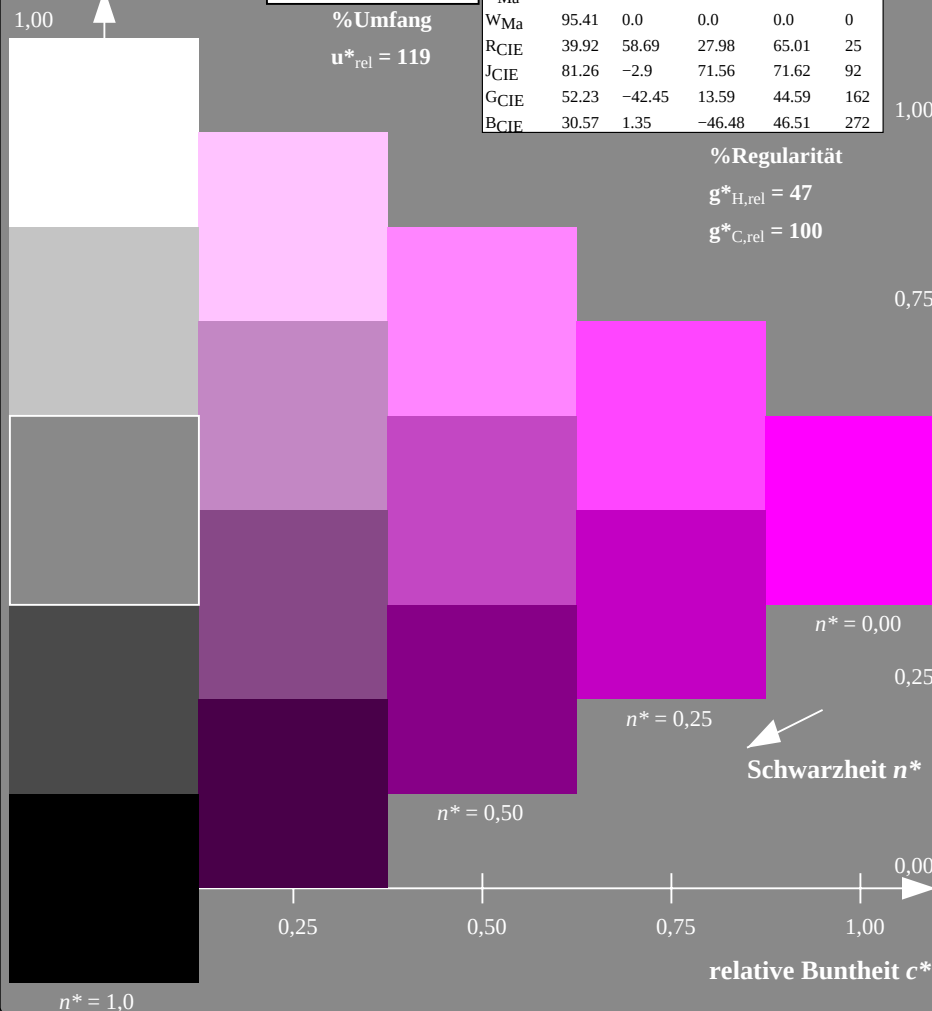
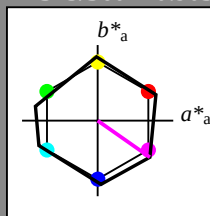
Schwarzheit n^*

Eingabe: Farbmatisches Reflexions-System NRS11

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

D65: Buntton B50R
LCH*Ma: 53 84 325
rgb*Ma: 1.0 0.0 1.0

Dreiecks-Helligkeit



TG470-7, 5 stufige Reihen für konstanten CIELAB Buntton 325/360 = 0.903 (links)

BAM-Prüfvorlage TG47; Farbmatrik-Systeme NRS11 & ORS18 input: $olv^* setrgbcolor$

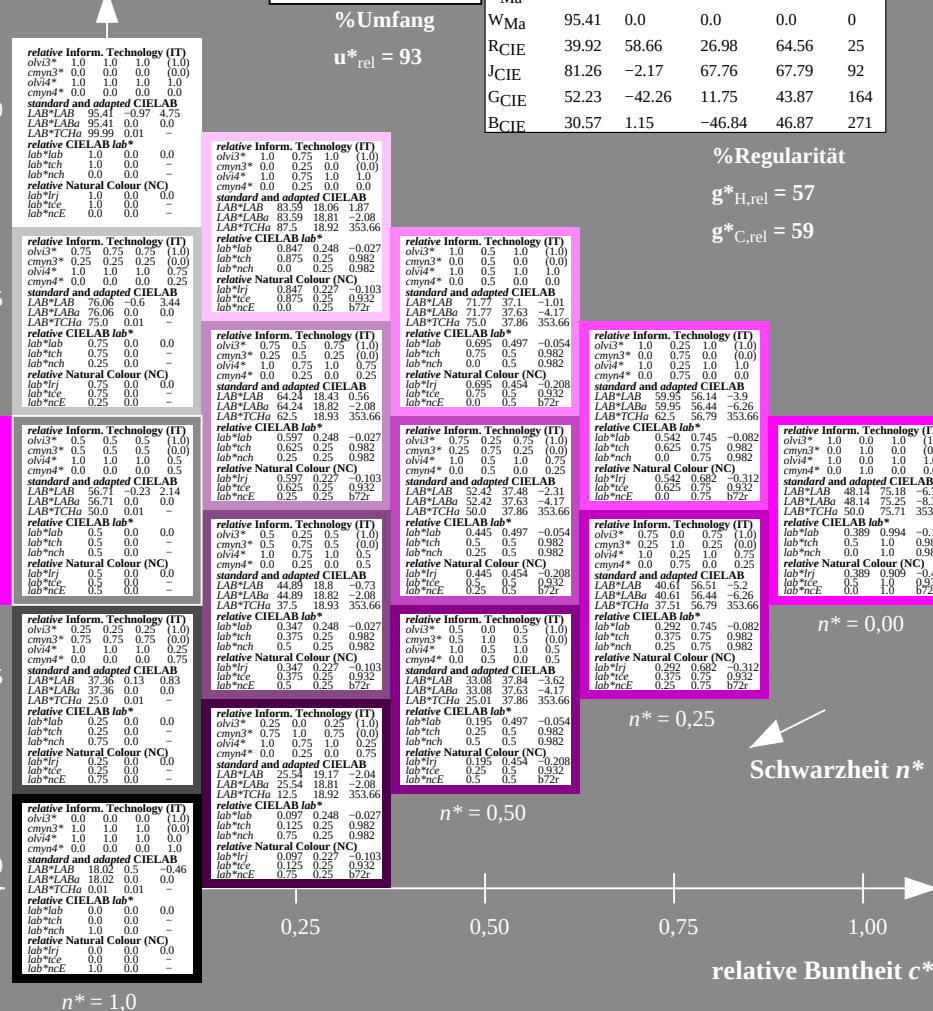
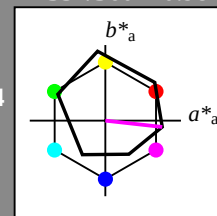
D65: 5stufige Farbreihen und Koordinaten-Daten für 10 Bunttöneoutput: $olv^* setrgbcolor / w^* setgray$

Ausgabe: Farbmatisches Reflexions-System ORS18

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

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

Dreiecks-Helligkeit



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

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)
 $olv^*_{3*} 1.0 0.0 1.0 (1.0)$
 $cmyn^*_{3*} 0.0 0.0 0.0 (0.0)$
 $olv^*_{4*} 1.0 1.0 1.0 (1.0)$
 $cmyn^*_{4*} 0.0 0.0 0.0 (0.0)$
standard and adapted CIELAB
 $LAB^*LAB 95.41 -0.97 4.75$
 $LAB^*TCh 98.99 0.01 -$
relative CIELAB lab*
 $lab^*lab 1.0 0.0 0.0$
 $lab^*tch 1.0 0.0 0.0$
 $lab^*nch 0.0 0.0 0.0$
relative Natural Colour (NC)
 $lab^*trj 1.0 0.0 0.0$
 $lab^*tce 1.0 0.0 0.0$
 $lab^*nce 0.0 0.0 0.0$

relative Inform. Technology (IT)
 $olv^*_{3*} 0.75 0.5 1.0 (1.0)$
 $cmyn^*_{3*} 0.0 0.5 0.0 (0.0)$
 $olv^*_{4*} 1.0 0.5 1.0 (1.0)$
 $cmyn^*_{4*} 0.0 0.5 0.0 (0.0)$
standard and adapted CIELAB
 $LAB^*LAB 83.59 18.81 1.87$
 $LAB^*TCh 83.59 18.81 1.87$
relative CIELAB lab*
 $lab^*lab 0.847 0.248 -0.027$
 $lab^*tch 0.875 0.25 0.982$
 $lab^*nch 0.0 0.25 0.982$
relative Natural Colour (NC)
 $lab^*trj 0.847 0.227 -0.103$
 $lab^*tce 0.875 0.25 0.932$
 $lab^*nce 0.0 0.25 0.932$

relative Inform. Technology (IT)
 $olv^*_{3*} 0.5 0.5 0.5 (1.0)$
 $cmyn^*_{3*} 0.5 0.5 0.5 (1.0)$
 $olv^*_{4*} 1.0 0.5 1.0 (1.0)$
 $cmyn^*_{4*} 0.0 0.5 0.5 (0.0)$
standard and adapted CIELAB
 $LAB^*LAB 64.24 18.43 0.56$
 $LAB^*TCh 64.24 18.43 0.56$
relative CIELAB lab*
 $lab^*lab 0.597 0.248 -0.027$
 $lab^*tch 0.625 0.25 0.982$
 $lab^*nch 0.25 0.25 0.982$
relative Natural Colour (NC)
 $lab^*trj 0.597 0.227 -0.103$
 $lab^*tce 0.625 0.25 0.932$
 $lab^*nce 0.25 0.25 0.932$

relative Inform. Technology (IT)
 $olv^*_{3*} 0.25 0.25 0.25 (1.0)$
 $cmyn^*_{3*} 0.25 0.25 0.25 (1.0)$
 $olv^*_{4*} 1.0 0.25 1.0 (1.0)$
 $cmyn^*_{4*} 0.0 0.25 0.25 (0.0)$
standard and adapted CIELAB
 $LAB^*LAB 44.89 18.8 -0.73$
 $LAB^*TCh 44.89 18.8 -0.73$
relative CIELAB lab*
 $lab^*lab 0.347 0.248 -0.027$
 $lab^*tch 0.375 0.25 0.982$
 $lab^*nch 0.0 0.25 0.982$
relative Natural Colour (NC)
 $lab^*trj 0.347 0.227 -0.103$
 $lab^*tce 0.375 0.25 0.932$
 $lab^*nce 0.0 0.25 0.932$

relative Inform. Technology (IT)
 $olv^*_{3*} 0.0 0.0 0.0 (1.0)$
 $cmyn^*_{3*} 0.0 0.0 0.0 (1.0)$
 $olv^*_{4*} 1.0 0.0 1.0 (0.0)$
 $cmyn^*_{4*} 0.0 0.0 0.0 (0.0)$
standard and adapted CIELAB
 $LAB^*LAB 18.02 0.0 -0.46$
 $LAB^*TCh 18.02 0.0 -0.46$
relative CIELAB lab*
 $lab^*lab 0.0 0.0 0.0$
 $lab^*tch 0.0 0.0 0.0$
 $lab^*nch 0.0 0.0 0.0$
relative Natural Colour (NC)
 $lab^*trj 0.0 0.0 0.0$
 $lab^*tce 0.0 0.0 0.0$
 $lab^*nce 0.0 0.0 0.0$

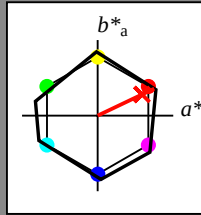
Eingabe: Farbmimetrisches Reflexions-System NRS11

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

lab^*tch und lab^*nch

D65: Buntton R
LCH*Ma: 53 83 25
rgb*Ma: 1.0 0.03 0.0

Dreiecks-Helligkeit



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

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

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

1,00

0,75

$n^* = 0,00$

0,25

$n^* = 0,25$

$n^* = 0,50$

$n^* = 1,0$

relative Buntheit c^*

TG470-7, 5 stufige Reihen für konstanten CIELAB Buntton 25/360 = 0.071 (links)

BAM-Prüfvorlage TG47; Farbmimetrische-Systeme NRS11 & ORS18 input: $olv^* setrgbcolor$

D65: 5stufige Farbreihen und Koordinaten-Daten für 10 Bunttöne output: $olv^* setrgbcolor / w^* setgray$

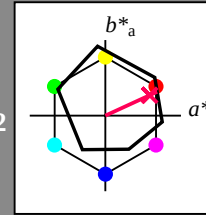
Ausgabe: Farbmimetrisches Reflexions-System ORS18

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

lab^*tch und lab^*nch

D65: Buntton 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

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

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

1,00

0,75

$n^* = 0,00$

0,25

$n^* = 0,25$

$n^* = 0,50$

$n^* = 1,0$

relative Buntheit c^*

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

Siehe ähnliche Dateien: <http://www.ps.bam.de/TG47/>
Technische Information: <http://www.ps.bam.de> Version 2.1, io=1,1, CIE XYZ

BAM-Registrierung: 20060101-TG47/10L/L47G06FP.PS/.PDF BAM-Material: Code=rha4ta
Anwendung für Beurteilung und Messung von Drucker- oder Monitorsystemen, Yr=2.5, XYZ
TG47 Form 7/10, Serie: 1/1, Seite: 7
Seitenhang 7

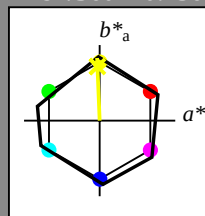
Eingabe: Farbmatisches Reflexions-System NRS11

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

lab^*tch und lab^*nch

D65: Buntton J
LCH*Ma: 53 83 92
rgb*Ma: 0.98 1.0 0.0

Dreiecks-Helligkeit



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

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

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

1,00

0,75

$n^* = 0,00$

0,25

$n^* = 0,25$

$n^* = 0,50$

Schwarzheit n^*

0,00

$n^* = 1,0$

relative Buntheit c^*

TG470-7, 5 stufige Reihen für konstanten CIELAB Buntton $92/360 = 0.256$ (links)

BAM-Prüfvorlage TG47; Farbmatrik-Systeme NRS11 & ORS18 input: $olv^* setrgbcolor$

D65: 5stufige Farbreihen und Koordinaten-Daten für 10 Bunttöneoutput: $olv^* setrgbcolor / w^* setgray$

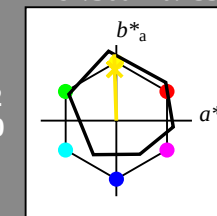
Ausgabe: Farbmatisches Reflexions-System ORS18

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

lab^*tch und lab^*nch

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

Dreiecks-Helligkeit



%Umfang

$u^*_{rel} = 93$

ORS18; adaptierte CIELAB-Daten					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
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

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

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

1,00

0,75

$n^* = 0,00$

0,25

$n^* = 0,25$

Schwarzheit n^*

0,00

$n^* = 1,0$

relative Buntheit c^*

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

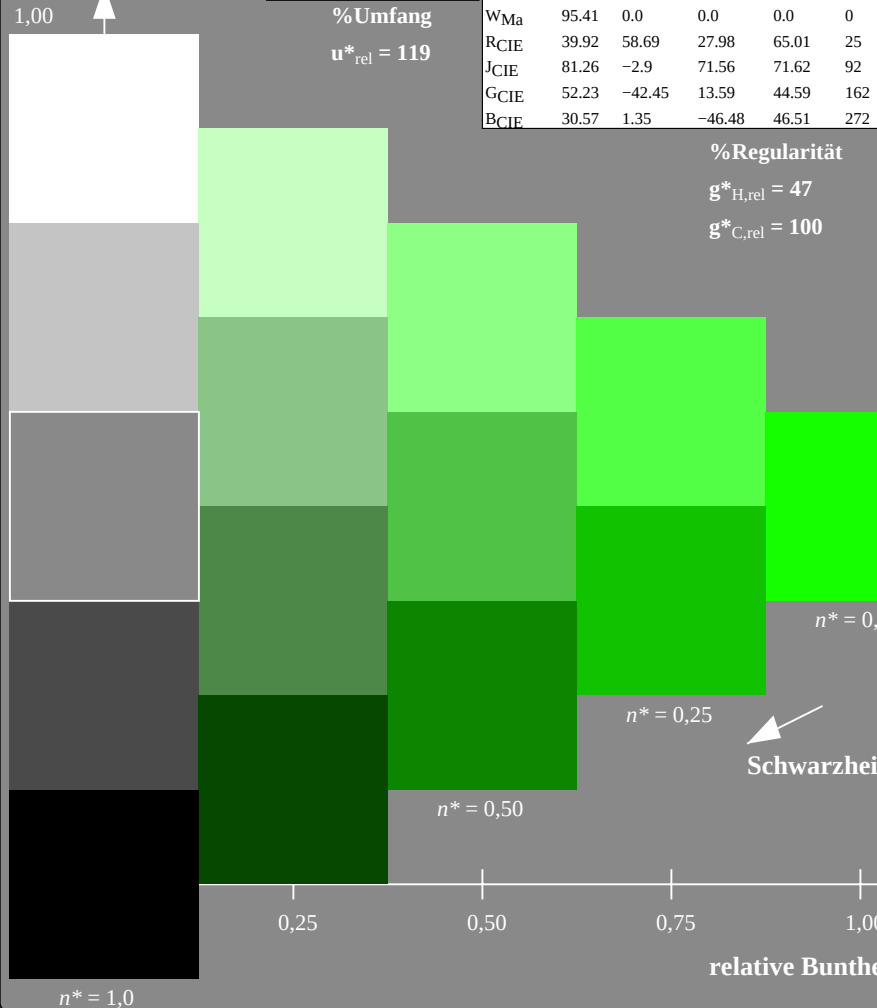
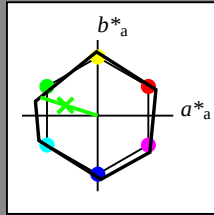
Eingabe: Farbmatisches Reflexions-System NRS11

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

lab^*tch und lab^*nch

D65: Buntton G
LCH*Ma: 53 80 162
rgb*Ma: 0.08 1.0 0.0

Dreiecks-Helligkeit



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

BAM-Prüfvorlage TG47; Farbmatrik-Systeme NRS11 & ORS18 input: $olv^* setrgbcolor$

D65: 5stufige Farbreihen und Koordinaten-Daten für 10 Bunttöne output: $olv^* setrgbcolor / w^* setgray$

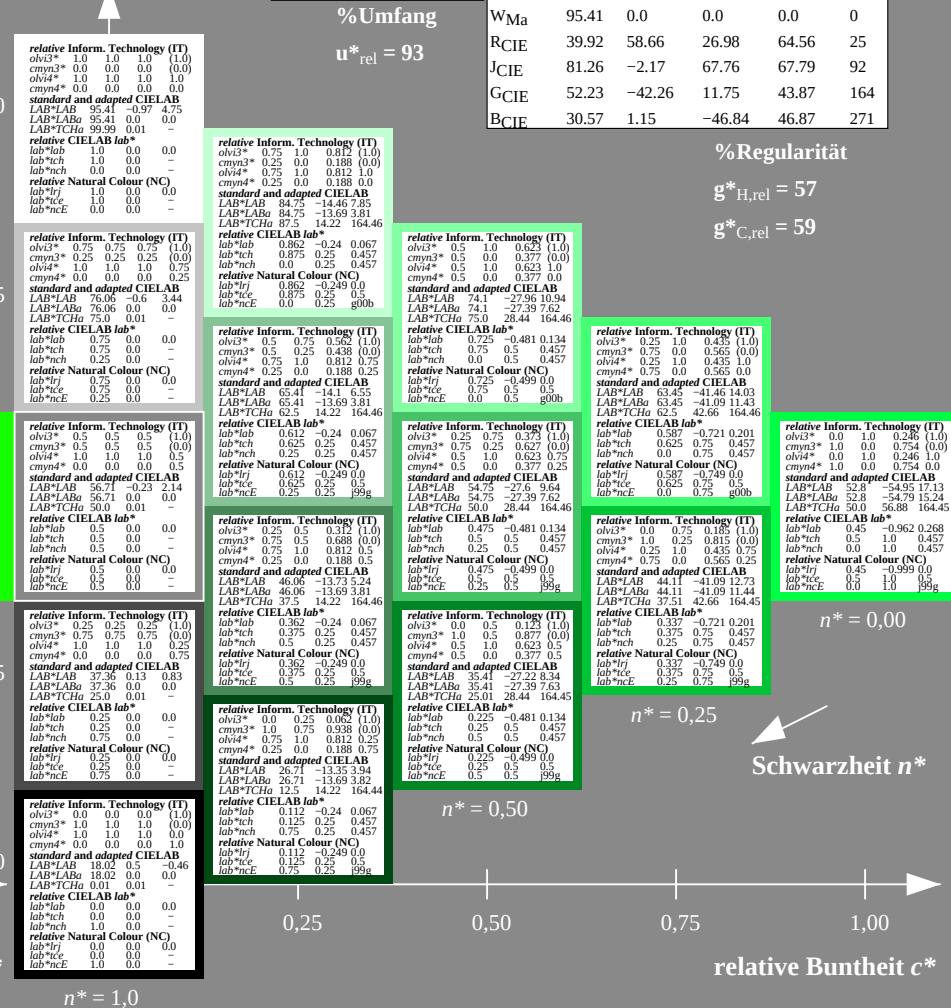
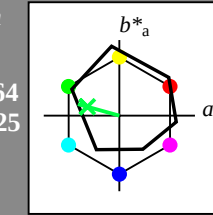
Ausgabe: Farbmatisches Reflexions-System ORS18

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

lab^*tch und lab^*nch

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

Dreiecks-Helligkeit



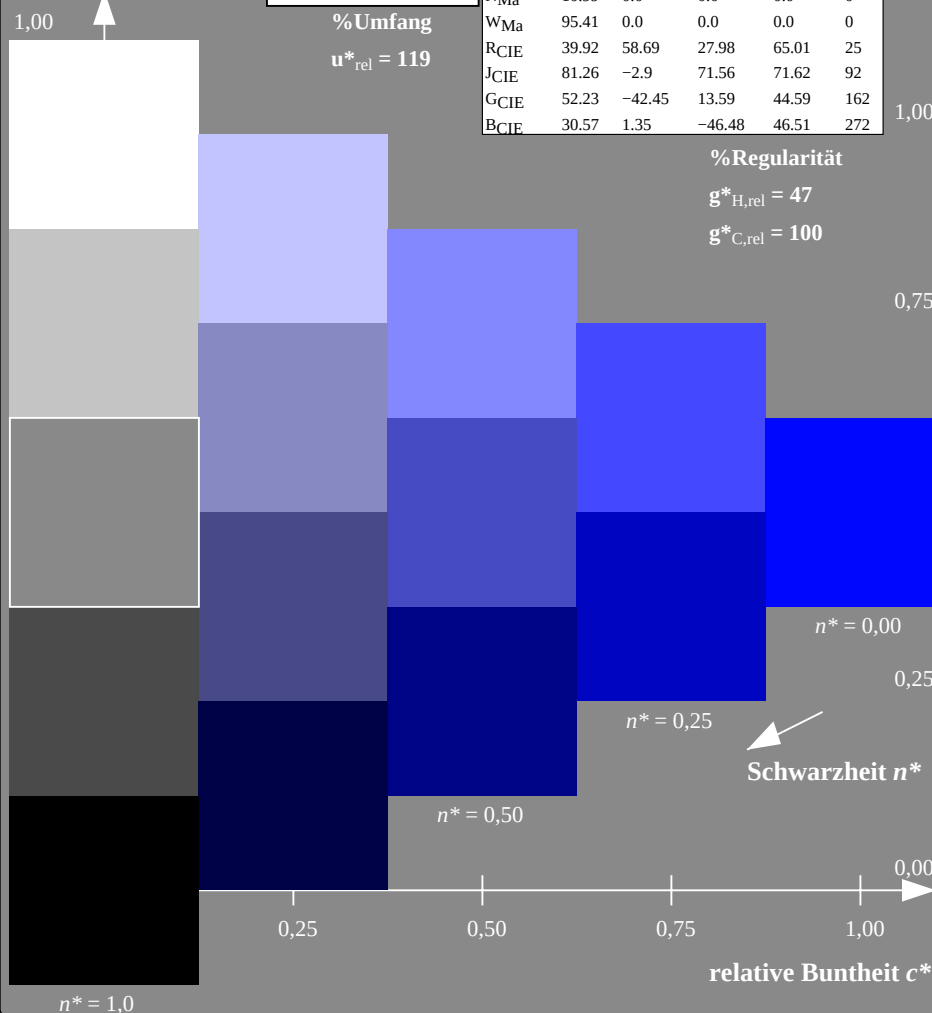
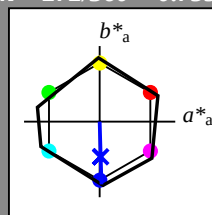
5 stufige Reihen für konstanten CIELAB Buntton 164/360 = 0.457 (rechts)

Eingabe: Farbmatisches Reflexions-System NRS11

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

D65: Buntton B
LCH*Ma: 53 83 272
rgb*Ma: 0.0 0.02 1.0

Dreiecks-Helligkeit



TG470-7, 5 stufige Reihen für konstanten CIELAB Buntton 272/360 = 0.755 (links)

BAM-Prüfvorlage TG47; Farbmatrik-Systeme NRS11 & ORS18 input: $olv^* setrgbcolor$

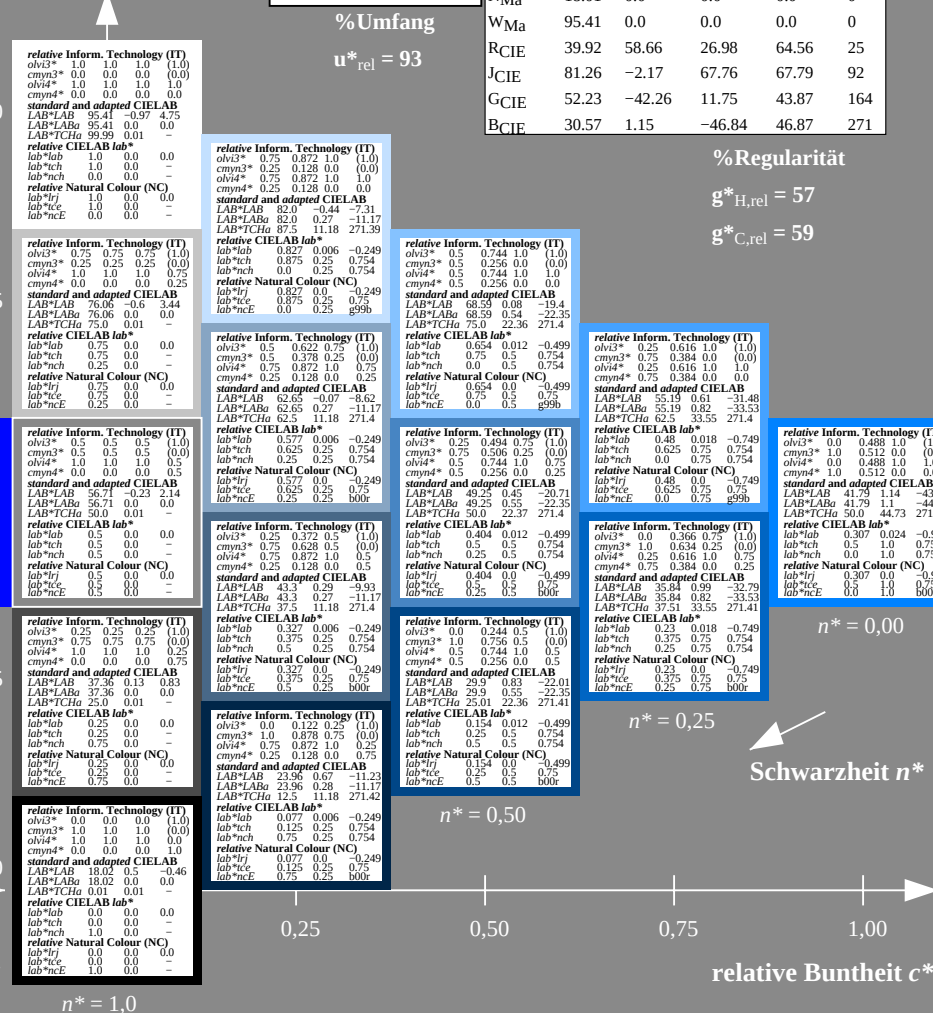
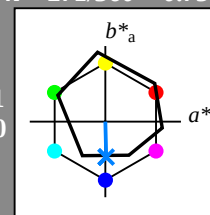
D65: 5stufige Farbreihen und Koordinaten-Daten für 10 Bunttöneoutput: $olv^* setrgbcolor / w^* setgray$

Ausgabe: Farbmatisches Reflexions-System ORS18

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

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

Dreiecks-Helligkeit



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