

Eingabe: Farbmatisches Reflexions-System ORS18

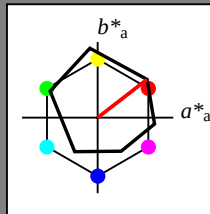
für Buntton $h^* = lab^*h = 38/360 = 0.105$ lab^*tch und lab^*nch

D65: Buntton O

LCH*Ma: 48 83 38

rgb*Ma: 1.0 0.0 0.0

Dreiecks-Helligkeit



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

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

Ausgabe: Farbmatisches Reflexions-System NRS11

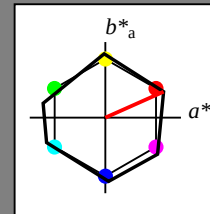
für Buntton $h^* = lab^*h = 24/360 = 0.067$ lab^*tch und lab^*nch

D65: Buntton R

LCH*Ma: 53 84 24

rgb*Ma: 1.0 0.0 0.0

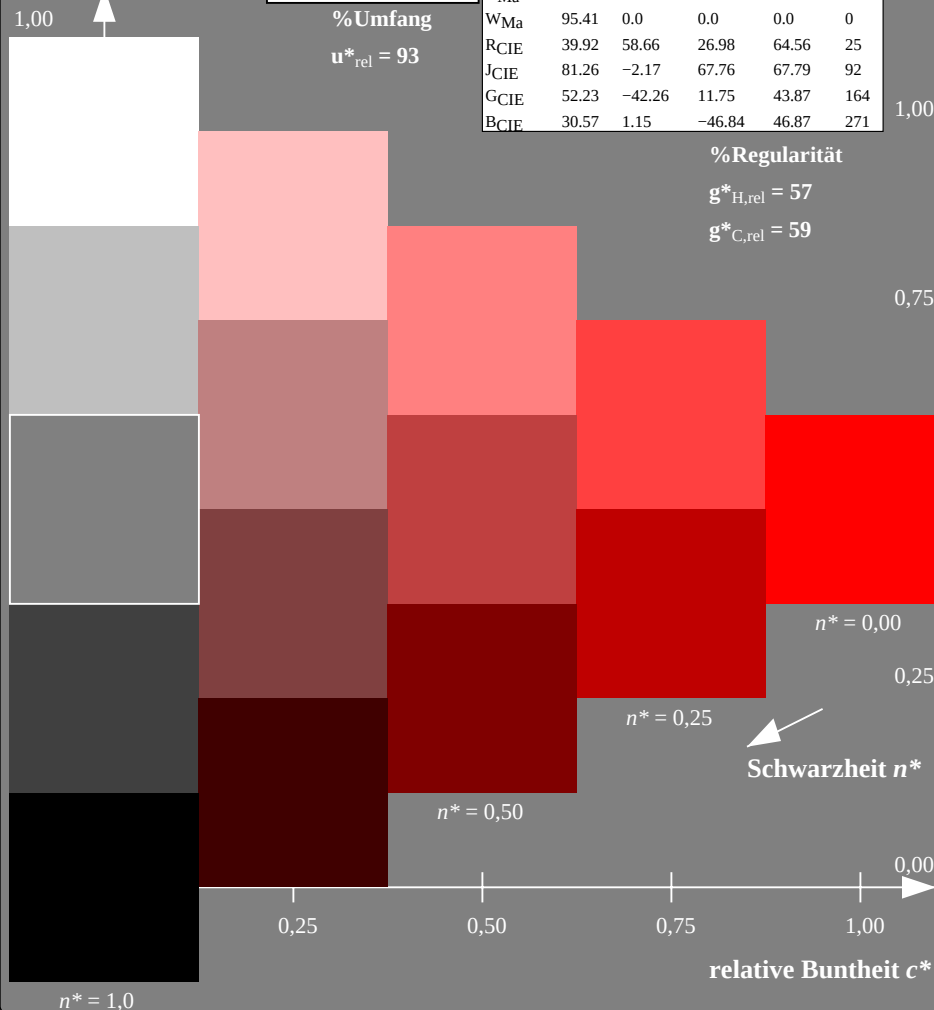
Dreiecks-Helligkeit



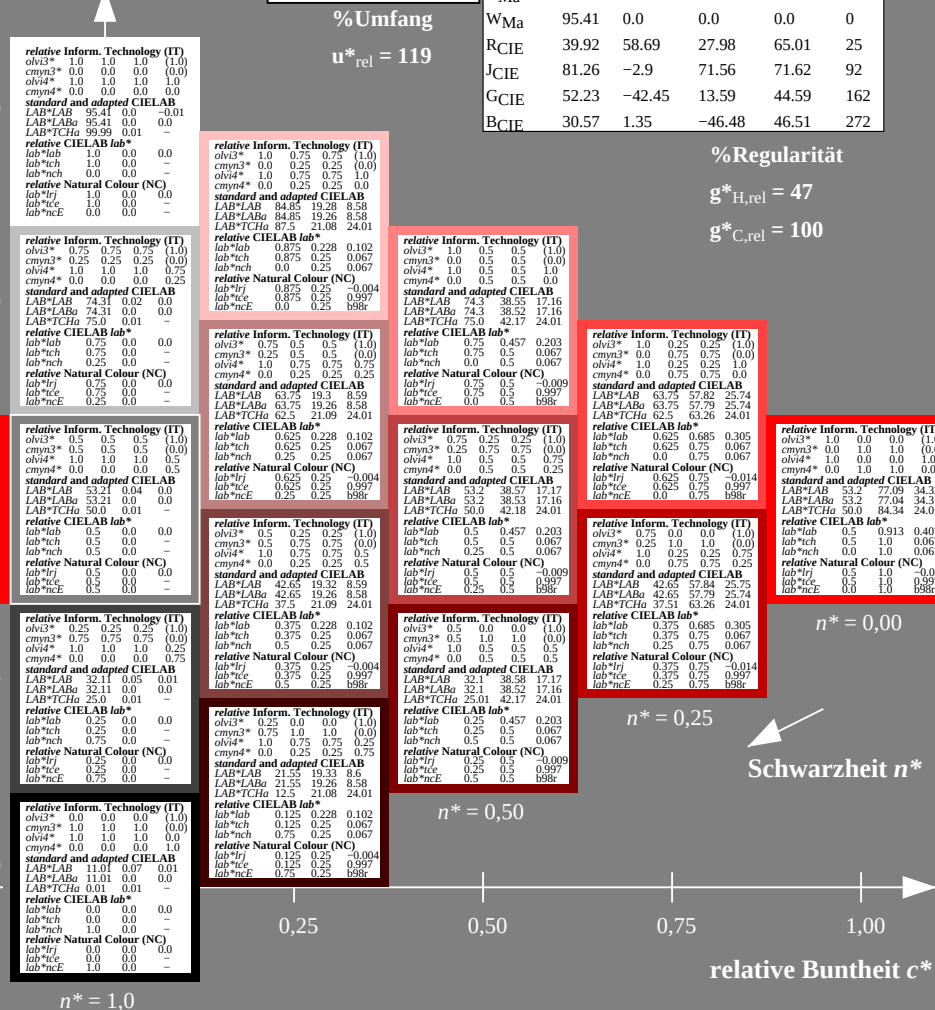
NRS11; adaptierte CIELAB-Daten

	$L^*=L^*_a$	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
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

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

TG420-7, 5 stufige Reihen für konstanten CIELAB Buntton 38/360 = 0.105 (links)

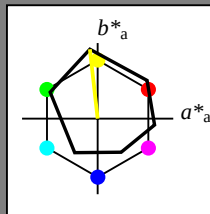
BAM-Prüfvorlage TG42; Farbmatrik-Systeme ORS18 & ORS18 input: $olv^* setrgbcolor$ D65: 5stufige Farbreihen und Koordinaten-Daten für 10 Bunttöneoutput: *Startup (S) data dependend*

5 stufige Reihen für konstanten CIELAB Buntton 24/360 = 0.067 (rechts)

Eingabe: 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

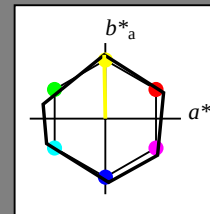
%Regularität

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

Ausgabe: 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

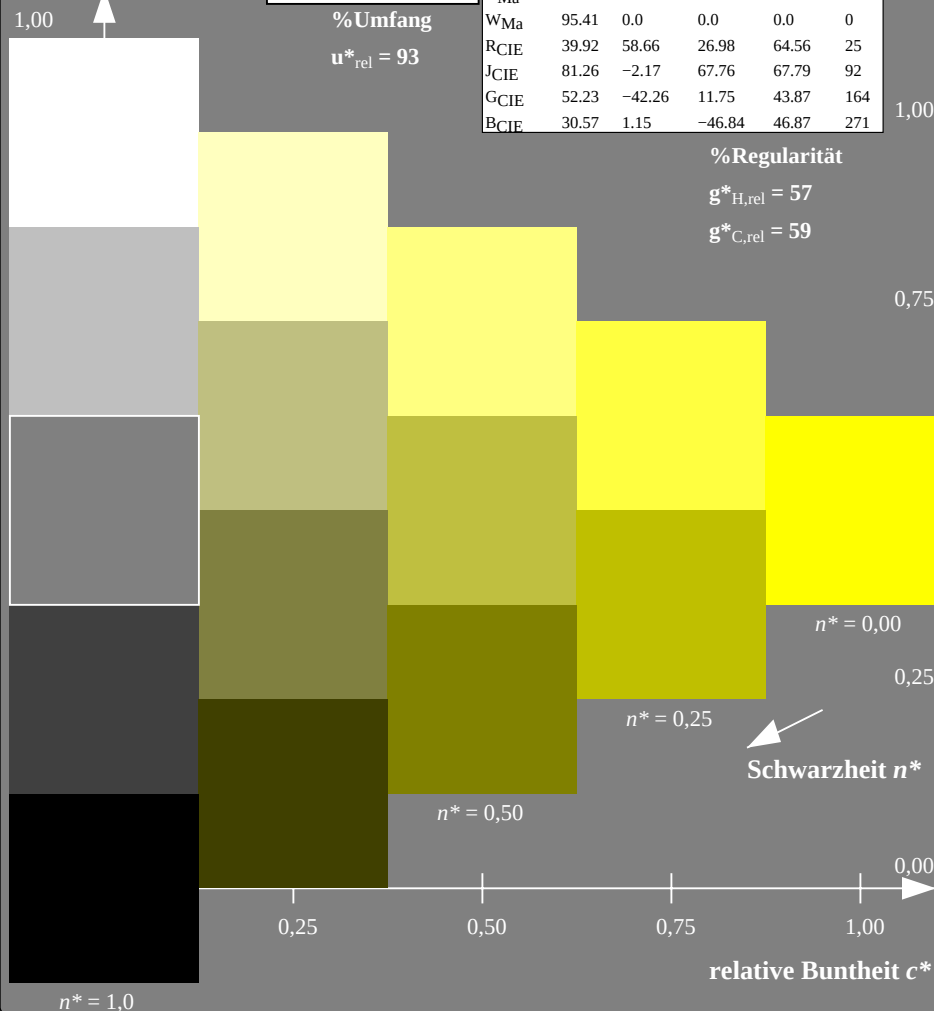
Dreiecks-Helligkeit



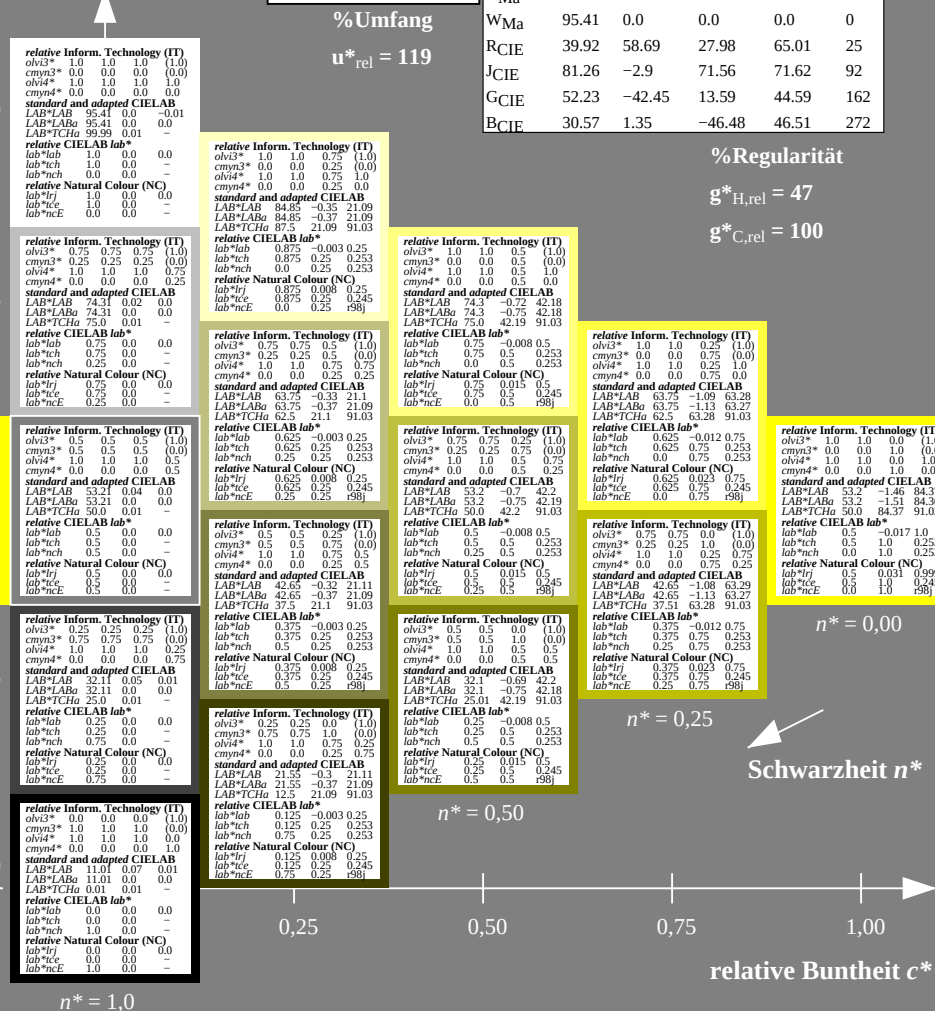
NRS11; adaptierte CIELAB-Daten

	$L^*=L^*_a$	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

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

TG420-7, 5 stufige Reihen für konstanten CIELAB Buntton 96/360 = 0.268 (links)

BAM-Prüfvorlage TG42; Farbmatisches Reflexions-System ORS18 & ORS18 input: $olv^* setrgbcolor$ D65: 5stufige Farbreihen und Koordinaten-Daten für 10 Bunttöneoutput: *Startup (S) data dependend*

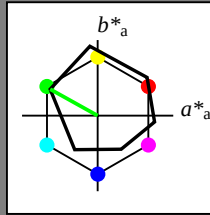
5 stufige Reihen für konstanten CIELAB Buntton 91/360 = 0.253 (rechts)

Eingabe: 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



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

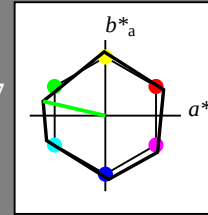
 $n^* = 0,25$ $n^* = 0,50$ relative Buntheit c^*

Ausgabe: 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



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^*

TG420-7, 5 stufige Reihen für konstanten CIELAB Buntton 151/360 = 0.419 (links)

5 stufige Reihen für konstanten CIELAB Buntton 167/360 = 0.464 (rechts)

BAM-Prüfvorlage TG42; Farbmatrik-Systeme ORS18 & ORS18 input: $olv^* setrgbcolor$ D65: 5stufige Farbreihen und Koordinaten-Daten für 10 Bunttöneoutput: *Startup (S) data dependend*

Eingabe: Farbmatisches Reflexions-System ORS18

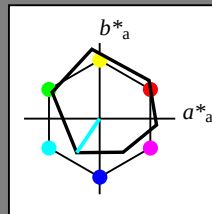
für Buntton $h^* = lab^*h = 236/360 = 0.656$ lab^*tch und lab^*nch

D65: Buntton C

LCH*Ma: 59 54 236

rgb*Ma: 0.0 1.0 1.0

Dreiecks-Helligkeit



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

Schwarzheit n^* relative Buntheit c^*

TG420-7, 5 stufige Reihen für konstanten CIELAB Buntton 236/360 = 0.656 (links)

BAM-Prüfvorlage TG42; Farbmatrik-Systeme ORS18 & ORS18 input: $olv^* setrgbcolor$ D65: 5stufige Farbreihen und Koordinaten-Daten für 10 Bunttöneoutput: *Startup (S) data dependend*

Ausgabe: Farbmatisches Reflexions-System NRS11

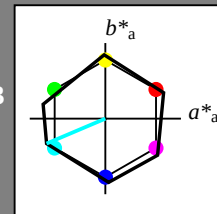
für Buntton $h^* = lab^*h = 203/360 = 0.564$ lab^*tch und lab^*nch

D65: Buntton G50B

LCH*Ma: 53 84 203

rgb*Ma: 0.0 1.0 1.0

Dreiecks-Helligkeit



%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
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
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* = 0,00

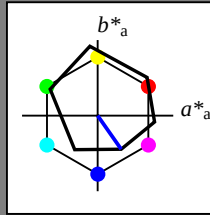
Schwarzheit n^* relative Buntheit c^*

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

Eingabe: Farbmatisches Reflexions-System ORS18

für Buntton $h^* = lab^*h = 305/360 = 0.847$ lab^*tch und lab^*nch D65: Buntton V
LCH*Ma: 26 54 305
rgb*Ma: 0.0 0.0 1.0

Dreiecks-Helligkeit



ORS18; adaptierte CIELAB-Daten

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

 $n^* = 0,25$ $n^* = 0,50$

0,25

0,50

0,75

1,00

relative Buntheit c^*

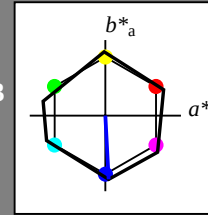
TG420-7, 5 stufige Reihen für konstanten CIELAB Buntton 305/360 = 0.847 (links)

BAM-Prüfvorlage TG42; Farbmatrik-Systeme ORS18 & ORS18 input: $olv^* setrgbcolor$ D65: 5stufige Farbreihen und Koordinaten-Daten für 10 Bunttöneoutput: *Startup (S) data dependend*

Ausgabe: 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



%Umfang

 $u^*_{rel} = 119$ relative Inform. Technology (IT)
 $olv^*_{3*} 1.0 1.0 1.0 (1.0)$
 $cmyn^*_{3*} 0.0 0.0 0.0 (0.0)$
 $olv^*_{4*} 1.0 1.0 1.0 (1.0)$
 $cmyn^*_{4*} 0.0 0.0 0.0 (0.0)$
standard and adapted CIELAB
 $lab^*_{LAB} 95.41 0.0 -0.01$
 $lab^*_{Tch} 98.99 0.01 0.0$
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)
 $olv^*_{3*} 0.75 0.75 0.75 (1.0)$
 $cmyn^*_{3*} 0.25 0.25 0.25 (0.0)$
 $olv^*_{4*} 1.0 1.0 1.0 (1.0)$
 $cmyn^*_{4*} 0.0 0.0 0.0 (0.0)$
standard and adapted CIELAB
 $lab^*_{LAB} 74.31 0.02 0.0$
 $lab^*_{Tch} 74.31 0.02 0.0$
 $lab^*_{Tcha} 75.0 0.01 0.0$
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)
 $lab^*_{trj} 0.75 0.0 0.0$
 $lab^*_{tce} 0.25 0.0 0.0$
 $lab^*_{nce} 0.25 0.0 0.0$ relative Inform. Technology (IT)
 $olv^*_{3*} 0.5 0.5 0.5 (1.0)$
 $cmyn^*_{3*} 0.5 0.5 0.5 (0.0)$
 $olv^*_{4*} 0.75 0.75 0.75 (1.0)$
 $cmyn^*_{4*} 0.25 0.25 0.25 (0.0)$
standard and adapted CIELAB
 $lab^*_{LAB} 63.75 1.13 -21.06$
 $lab^*_{Tch} 63.75 1.09 -21.06$
 $lab^*_{Tcha} 62.5 21.1 272.97$
relative CIELAB lab*
 $lab^*_{lab} 0.5 0.5 0.0$
 $lab^*_{tch} 0.5 0.5 0.0$
 $lab^*_{nch} 0.25 0.0 0.0$
relative Natural Colour (NC)
 $lab^*_{trj} 0.5 0.0 0.0$
 $lab^*_{tce} 0.25 0.0 0.0$
 $lab^*_{nce} 0.25 0.0 0.0$ relative Inform. Technology (IT)
 $olv^*_{3*} 0.25 0.25 0.25 (1.0)$
 $cmyn^*_{3*} 0.75 0.75 0.75 (0.0)$
 $olv^*_{4*} 1.0 1.0 1.0 (1.0)$
 $cmyn^*_{4*} 0.0 0.0 0.0 (0.0)$
standard and adapted CIELAB
 $lab^*_{LAB} 53.21 0.04 0.0$
 $lab^*_{Tch} 53.21 0.04 0.0$
 $lab^*_{Tcha} 50.0 0.01 0.0$
relative CIELAB lab*
 $lab^*_{lab} 0.25 0.0 0.0$
 $lab^*_{tch} 0.25 0.0 0.0$
 $lab^*_{nch} 0.0 0.0 0.5$
relative Natural Colour (NC)
 $lab^*_{trj} 0.25 0.0 0.0$
 $lab^*_{tce} 0.0 0.0 0.0$
 $lab^*_{nce} 0.5 0.0 0.0$ relative Inform. Technology (IT)
 $olv^*_{3*} 0.0 0.0 0.0 (1.0)$
 $cmyn^*_{3*} 1.0 1.0 1.0 (0.0)$
 $olv^*_{4*} 1.0 1.0 1.0 (1.0)$
 $cmyn^*_{4*} 0.0 0.0 0.0 (0.0)$
standard and adapted CIELAB
 $lab^*_{LAB} 32.11 0.05 0.01$
 $lab^*_{Tch} 32.11 0.05 0.01$
 $lab^*_{Tcha} 25.0 0.01 0.0$
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)
 $lab^*_{trj} 0.0 0.0 0.0$
 $lab^*_{tce} 0.0 0.0 0.0$
 $lab^*_{nce} 0.75 0.0 0.0$ relative Inform. Technology (IT)
 $olv^*_{3*} 0.0 0.0 0.0 (1.0)$
 $cmyn^*_{3*} 1.0 1.0 1.0 (0.0)$
 $olv^*_{4*} 1.0 1.0 1.0 (1.0)$
 $cmyn^*_{4*} 0.0 0.0 0.0 (0.0)$
standard and adapted CIELAB
 $lab^*_{LAB} 11.01 0.07 0.01$
 $lab^*_{Tch} 11.01 0.07 0.01$
 $lab^*_{Tcha} 0.01 0.01 0.0$
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)
 $lab^*_{trj} 0.0 0.0 0.0$
 $lab^*_{tce} 0.0 0.0 0.0$
 $lab^*_{nce} 1.0 0.0 0.0$ relative Inform. Technology (IT)
 $olv^*_{3*} 0.0 0.0 0.0 (1.0)$
 $cmyn^*_{3*} 1.0 1.0 1.0 (0.0)$
 $olv^*_{4*} 1.0 1.0 1.0 (1.0)$
 $cmyn^*_{4*} 0.0 0.0 0.0 (0.0)$
standard and adapted CIELAB
 $lab^*_{LAB} 11.01 0.07 0.01$
 $lab^*_{Tch} 11.01 0.07 0.01$
 $lab^*_{Tcha} 0.01 0.01 0.0$
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)
 $lab^*_{trj} 0.0 0.0 0.0$
 $lab^*_{tce} 0.0 0.0 0.0$
 $lab^*_{nce} 1.0 0.0 0.0$ relative Inform. Technology (IT)
 $olv^*_{3*} 0.0 0.0 0.0 (1.0)$
 $cmyn^*_{3*} 1.0 1.0 1.0 (0.0)$
 $olv^*_{4*} 1.0 1.0 1.0 (1.0)$
 $cmyn^*_{4*} 0.0 0.0 0.0 (0.0)$
standard and adapted CIELAB
 $lab^*_{LAB} 11.01 0.07 0.01$
 $lab^*_{Tch} 11.01 0.07 0.01$
 $lab^*_{Tcha} 0.01 0.01 0.0$
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)
 $lab^*_{trj} 0.0 0.0 0.0$
 $lab^*_{tce} 0.0 0.0 0.0$
 $lab^*_{nce} 1.0 0.0 0.0$ relative Inform. Technology (IT)
 $olv^*_{3*} 0.0 0.0 0.0 (1.0)$
 $cmyn^*_{3*} 1.0 1.0 1.0 (0.0)$
 $olv^*_{4*} 1.0 1.0 1.0 (1.0)$
 $cmyn^*_{4*} 0.0 0.0 0.0 (0.0)$
standard and adapted CIELAB
 $lab^*_{LAB} 11.01 0.07 0.01$
 $lab^*_{Tch} 11.01 0.07 0.01$
 $lab^*_{Tcha} 0.01 0.01 0.0$
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)
 $lab^*_{trj} 0.0 0.0 0.0$
 $lab^*_{tce} 0.0 0.0 0.0$
 $lab^*_{nce} 1.0 0.0 0.0$ relative Inform. Technology (IT)
 $olv^*_{3*} 0.0 0.0 0.0 (1.0)$
 $cmyn^*_{3*} 1.0 1.0 1.0 (0.0)$
 $olv^*_{4*} 1.0 1.0 1.0 (1.0)$
 $cmyn^*_{4*} 0.0 0.0 0.0 (0.0)$
standard and adapted CIELAB
 $lab^*_{LAB} 11.01 0.07 0.01$
 $lab^*_{Tch} 11.01 0.07 0.01$
 $lab^*_{Tcha} 0.01 0.01 0.0$
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)
 $lab^*_{trj} 0.0 0.0 0.0$
 $lab^*_{tce} 0.0 0.0 0.0$
 $lab^*_{nce} 1.0 0.0 0.0$

5 stufige Reihen für konstanten CIELAB Buntton 273/360 = 0.758 (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
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

 $n^* = 0,25$ $n^* = 0,50$

0,25

0,50

relative Buntheit c^*

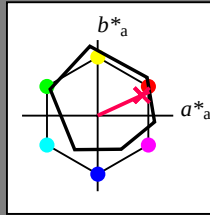
5 stufige Reihen für konstanten CIELAB Buntton 273/360 = 0.758 (rechts)

Eingabe: Farbmatisches 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



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

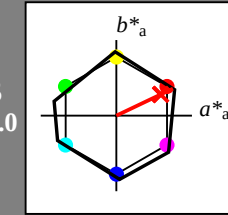
 $g^*_{H,rel} = 57$ $g^*_{C,rel} = 59$

Ausgabe: Farbmatisches 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

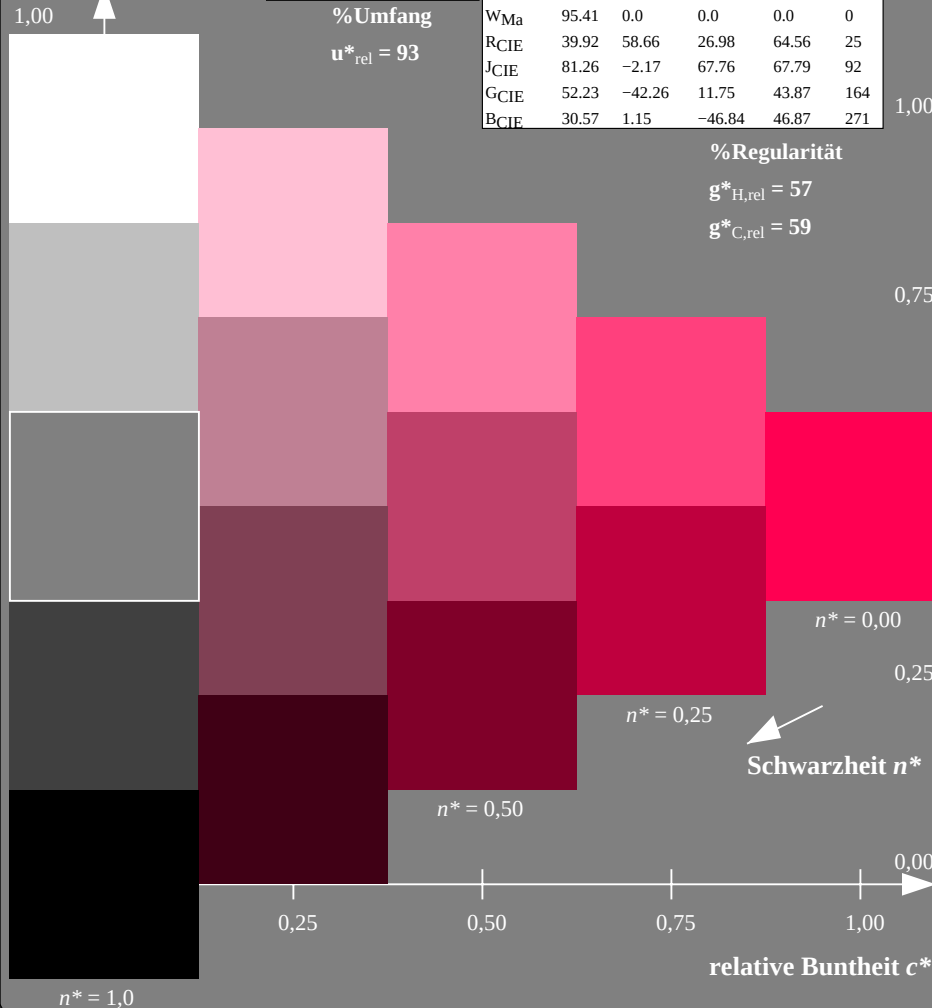
Dreiecks-Helligkeit



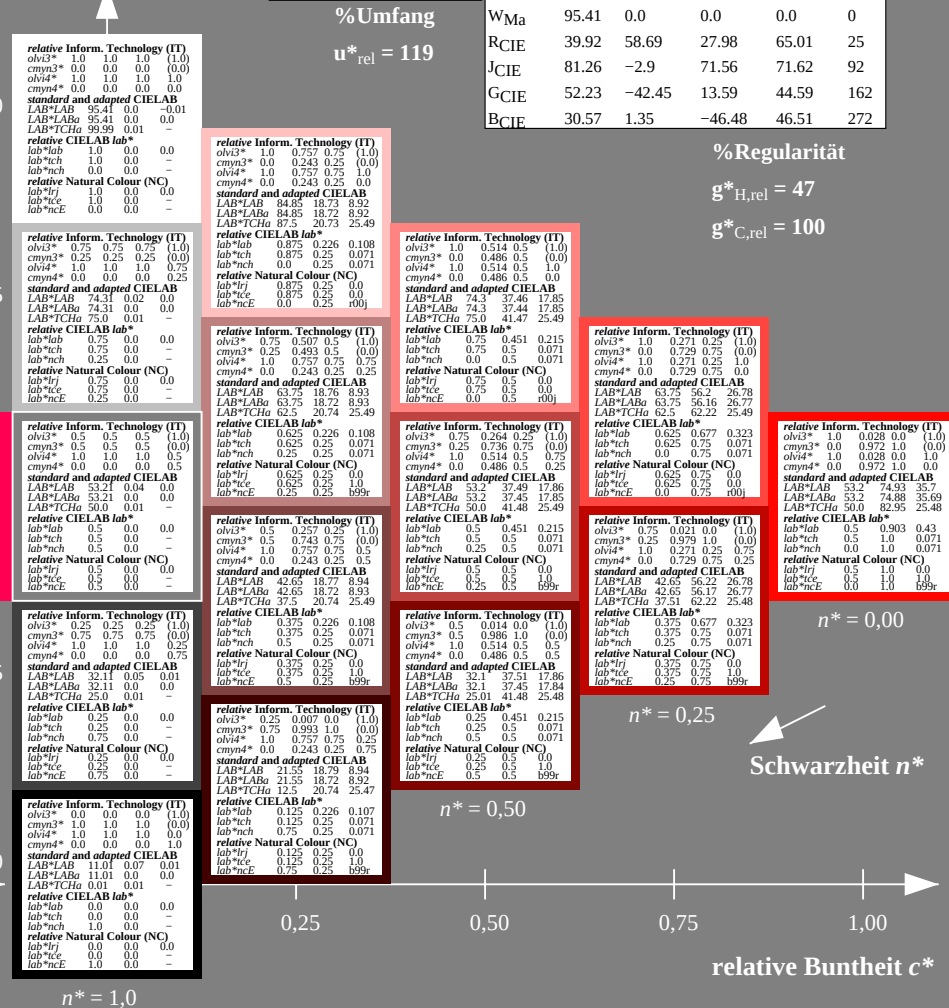
NRS11; adaptierte CIELAB-Daten

	$L^*=L^*_a$	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

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

TG420-7, 5 stufige Reihen für konstanten CIELAB Buntton 25/360 = 0.069 (links)

BAM-Prüfvorlage TG42; Farbmatrik-Systeme ORS18 & ORS18 input: $olv^*setrgbcolor$ D65: 5stufige Farbreihen und Koordinaten-Daten für 10 Bunttöneoutput: *Startup (S) data dependend*

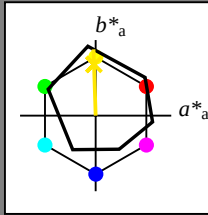
5 stufige Reihen für konstanten CIELAB Buntton 25/360 = 0.071 (rechts)

Eingabe: 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



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

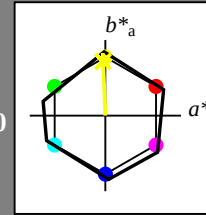
 $n^* = 0,25$ $n^* = 0,50$ relative Buntheit c^*

Ausgabe: 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



%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

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

1,00

 $n^* = 0,00$ $n^* = 0,25$ $n^* = 0,50$ relative Buntheit c^*

TG42-7, 5 stufige Reihen für konstanten CIELAB Buntton 92/360 = 0.255 (links)

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

BAM-Prüfvorlage TG42; Farbmatrik-Systeme ORS18 & ORS18 input: $olv^* setrgbcolor$ D65: 5stufige Farbreihen und Koordinaten-Daten für 10 Bunttöneoutput: *Startup (S) data dependend*

Eingabe: Farbmatisches Reflexions-System ORS18

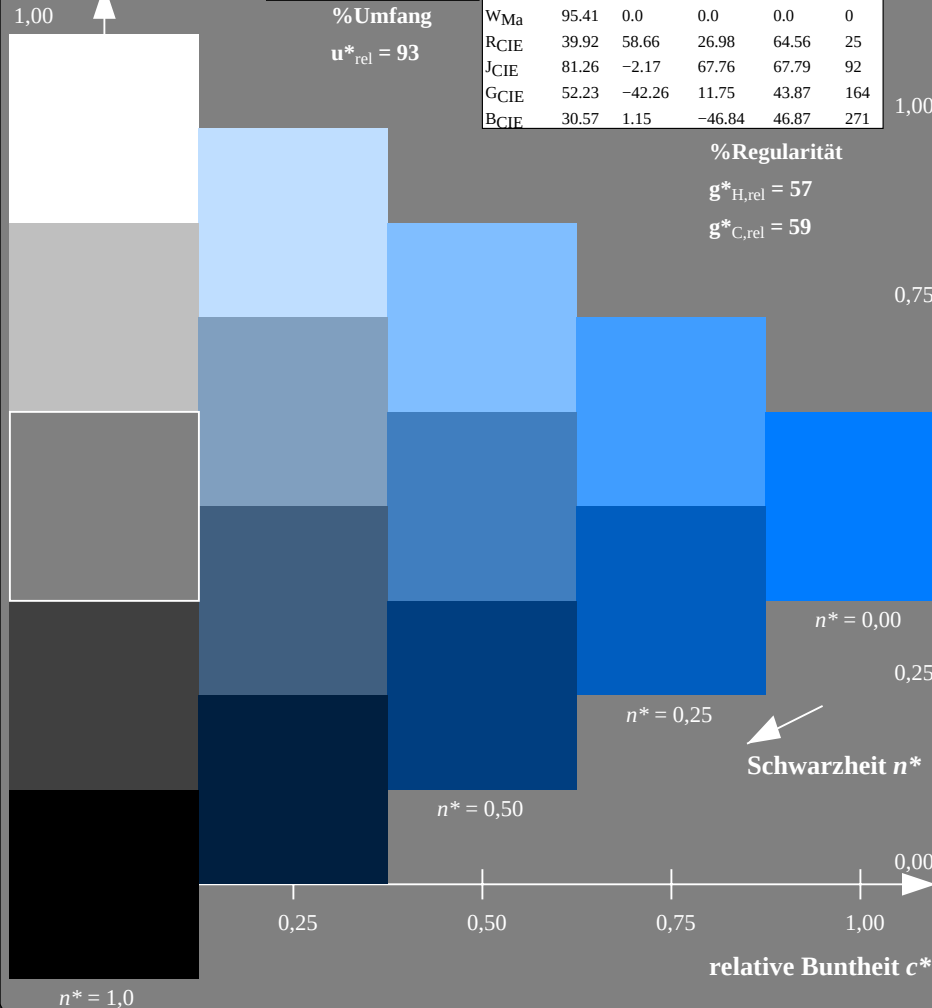
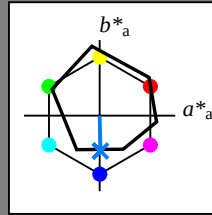
für Buntton $h^* = lab^*h = 271/360 = 0.754$ lab^*tch und lab^*nch

D65: Buntton B

LCH*Ma: 42 45 271

rgb*Ma: 0.0 0.49 1.0

Dreiecks-Helligkeit



TG420-7, 5 stufige Reihen für konstanten CIELAB Buntton 271/360 = 0.754 (links)

BAM-Prüfvorlage TG42; Farbmatrik-Systeme ORS18 & ORS18 input: $olv^* setrgbcolor$ D65: 5stufige Farbreihen und Koordinaten-Daten für 10 Bunttöneoutput: *Startup (S) data dependend*

Ausgabe: Farbmatisches Reflexions-System NRS11

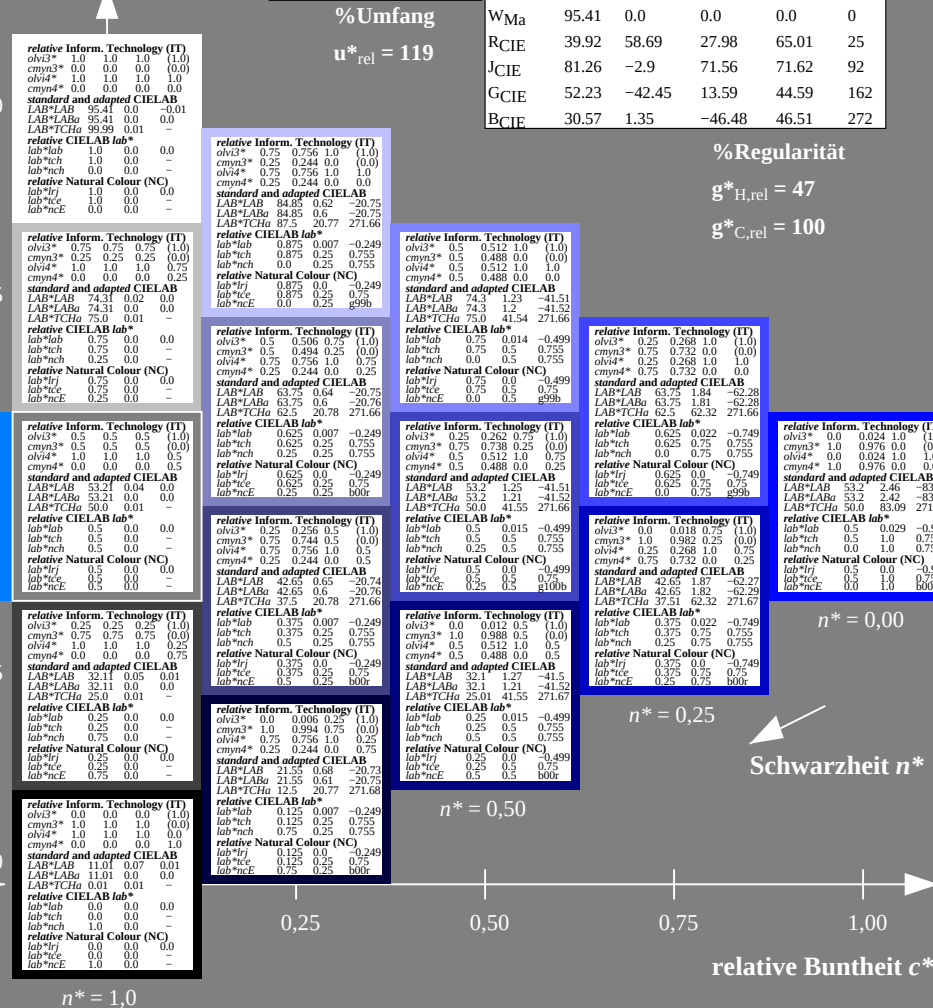
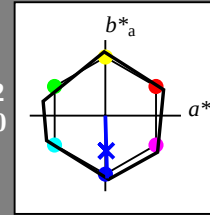
für Buntton $h^* = lab^*h = 272/360 = 0.755$ lab^*tch und lab^*nch

D65: Buntton B

LCH*Ma: 53 83 272

rgb*Ma: 0.0 0.02 1.0

Dreiecks-Helligkeit



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