

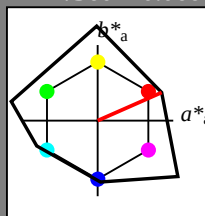
Eingabe: Farbmatisches Reflexions-System NCS11

für Buntton $h^* = lab^*h = 24/360 = 0.066$

lab^*tch und lab^*nch

D65: Buntton R
LCH*Ma: 47 92 24
rgb*Ma: 1.0 0.0 0.0

Dreiecks-Helligkeit



NCS11; adaptierte CIELAB-Daten						
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
RMa	47.15	84.64	37.25	92.48	24	
JMa	91.37	-1.27	125.03	125.03	91	
GMa	63.07	-114.28	25.35	117.06	167	
G50B _{Ma}	59.47	-80.6	-33.45	87.28	203	
B _{Ma}	49.01	3.65	-81.19	81.28	273	
B50R _{Ma}	44.06	106.09	-73.93	129.32	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

$g^*_{H,rel} = 46$

$g^*_{C,rel} = 65$

1,00

0,75

$n^* = 0,00$

0,25

$n^* = 0,25$

$n^* = 0,50$

relative Buntheit c^*

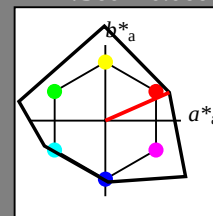
Ausgabe: Farbmatisches Reflexions-System NCS11

für Buntton $h^* = lab^*h = 24/360 = 0.066$

lab^*tch und lab^*nch

D65: Buntton R
LCH*Ma: 47 92 24
rgb*Ma: 1.0 0.0 0.0

Dreiecks-Helligkeit



NCS11; adaptierte CIELAB-Daten						
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
RMa	47.15	84.64	37.25	92.48	24	
JMa	91.37	-1.27	125.03	125.03	91	
GMa	63.07	-114.28	25.35	117.06	167	
G50B _{Ma}	59.47	-80.6	-33.45	87.28	203	
B _{Ma}	49.01	3.65	-81.19	81.28	273	
B50R _{Ma}	44.06	106.09	-73.93	129.32	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

$g^*_{H,rel} = 46$

$g^*_{C,rel} = 65$

1,00

0,75

$n^* = 0,00$

0,25

$n^* = 0,25$

$n^* = 0,50$

relative Buntheit c^*

TG490-7, 5 stufige Reihen für konstanten CIELAB Buntton 24/360 = 0.066 (links)

5 stufige Reihen für konstanten CIELAB Buntton 24/360 = 0.066 (rechts)

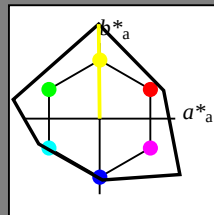
BAM-Prüfvorlage TG49; Farbmatrik-Systeme ORS18 & ORS18 input: $olv^*setrgbcolor$

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

Eingabe: Farbmatisches Reflexions-System NCS11

für Buntton $h^* = lab^*h = 91/360 = 0.252$ lab^*tch und lab^*nch D65: Buntton J
LCH*Ma: 91 125 91
rgb*Ma: 1.0 1.0 0.0

Dreiecks-Helligkeit



%Umfang

 $u^*_{rel} = 149$

1,00

0,75

0,50

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NCS11; adaptierte CIELAB-Daten

	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
RMa	47.15	84.64	37.25	92.48	24
JMa	91.37	-1.27	125.03	125.03	91
GMa	63.07	-114.28	25.35	117.06	167
G50B _{Ma}	59.47	-80.6	-33.45	87.28	203
B _{Ma}	49.01	3.65	-81.19	81.28	273
B50R _{Ma}	44.06	106.09	-73.93	129.32	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

 $g^*_{H,rel} = 46$ $g^*_{C,rel} = 65$

1,00

0,75

0,50

0,25

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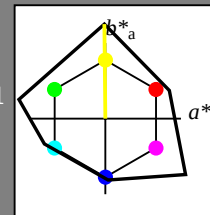
0,00

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Ausgabe: Farbmatisches Reflexions-System NCS11

für Buntton $h^* = lab^*h = 91/360 = 0.252$ lab^*tch und lab^*nch D65: Buntton J
LCH*Ma: 91 125 91
rgb*Ma: 1.0 1.0 0.0

Dreiecks-Helligkeit



%Umfang

 $u^*_{rel} = 149$

1,00

0,75

0,50

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NCS11; adaptierte CIELAB-Daten

	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
RMa	47.15	84.64	37.25	92.48	24
JMa	91.37	-1.27	125.03	125.03	91
GMa	63.07	-114.28	25.35	117.06	167
G50B _{Ma}	59.47	-80.6	-33.45	87.28	203
B _{Ma}	49.01	3.65	-81.19	81.28	273
B50R _{Ma}	44.06	106.09	-73.93	129.32	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

 $g^*_{H,rel} = 46$ $g^*_{C,rel} = 65$

1,00

0,75

0,50

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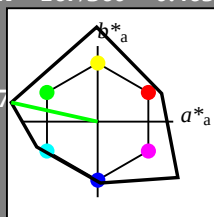
0,00

Eingabe: Farbmimetrisches Reflexions-System NCS11

für Buntton $h^* = lab^*h = 167/360 = 0.465$
 lab^*tch und lab^*nch

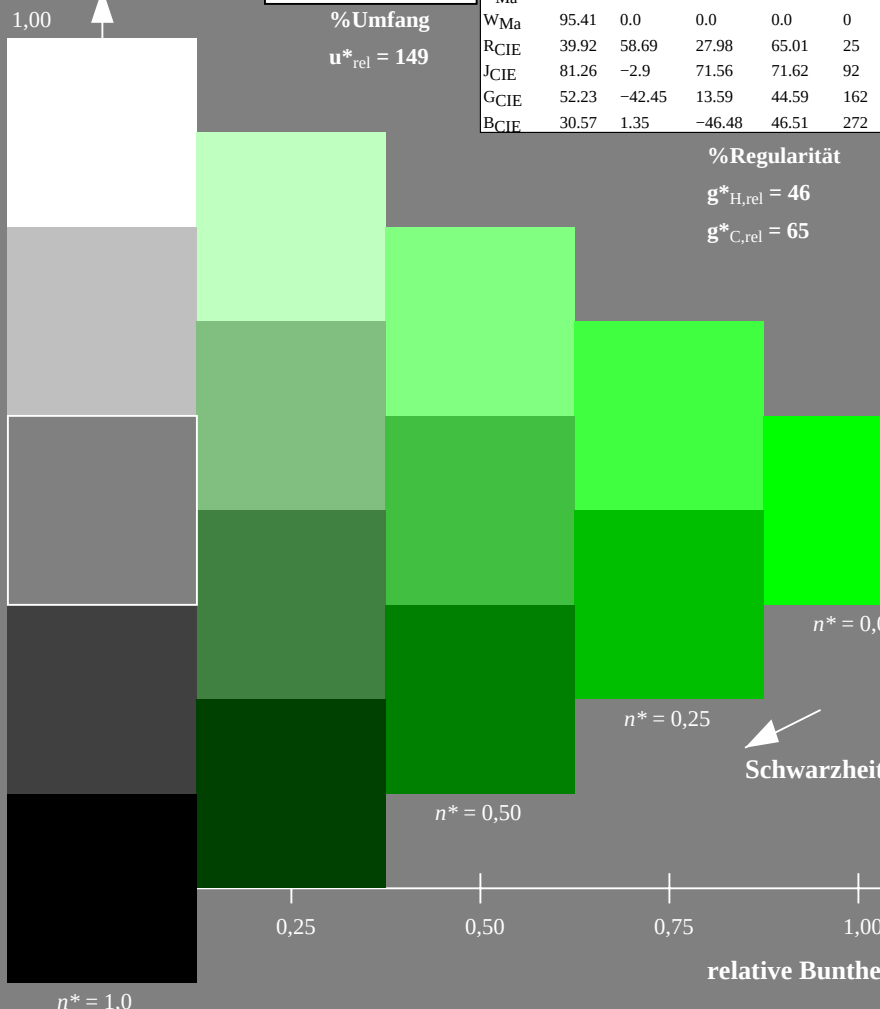
D65: Buntton G
LCH*Ma: 63 117 167
rgb*Ma: 0.0 1.0 0.0

Dreiecks-Helligkeit



%Umfang

$u^*_{rel} = 149$



TG490-7, 5 stufige Reihen für konstanten CIELAB Buntton 167/360 = 0.465 (links)

BAM-Prüfvorlage TG49; Farbmimetrik-Systeme ORS18 & ORS18 input: $olv^* setrgbcolor$

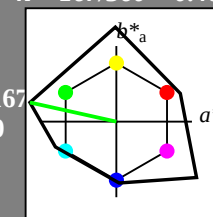
D65: 5stufige Farbreihen und Koordinaten-Daten für 10 Bunttöneoutput: *Startup (S) data dependend*

Ausgabe: Farbmimetrisches Reflexions-System NCS11

für Buntton $h^* = lab^*h = 167/360 = 0.465$
 lab^*tch und lab^*nch

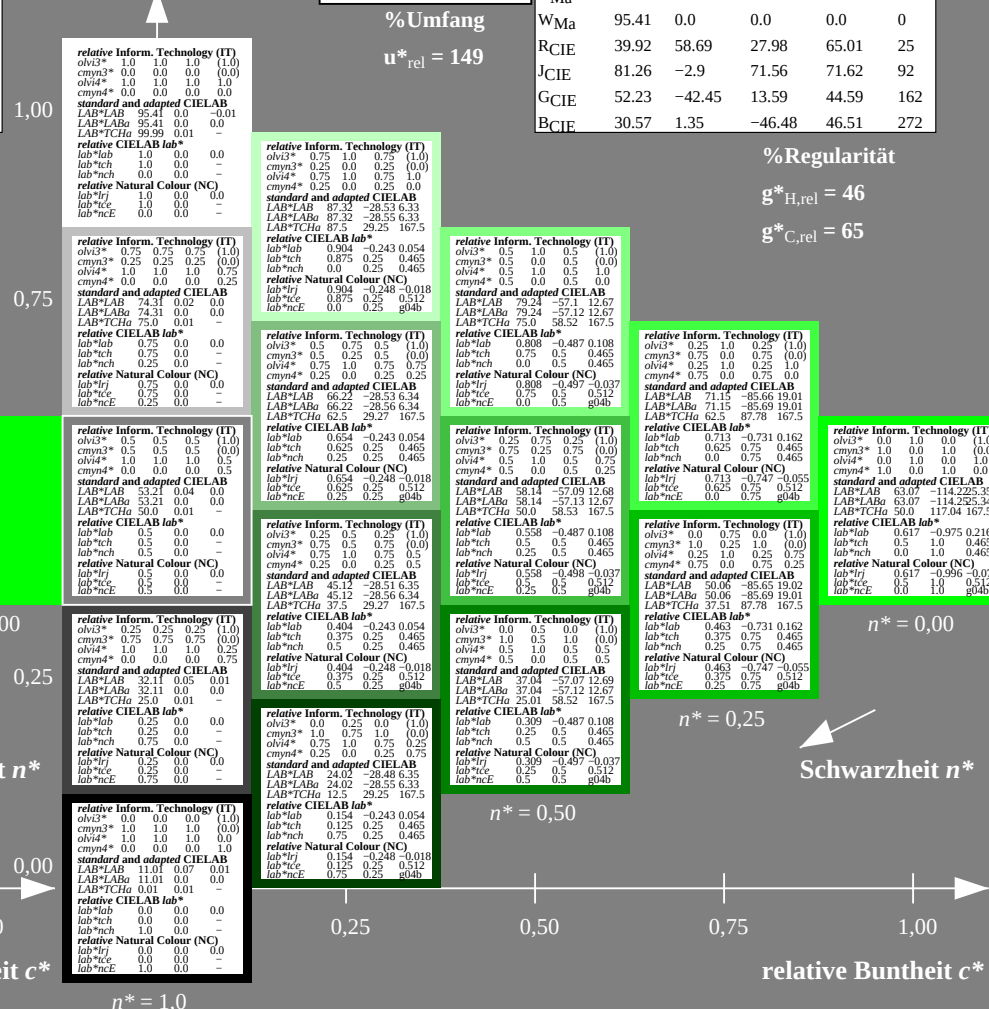
D65: Buntton G
LCH*Ma: 63 117 167
rgb*Ma: 0.0 1.0 0.0

Dreiecks-Helligkeit



%Umfang

$u^*_{rel} = 149$



5 stufige Reihen für konstanten CIELAB Buntton 167/360 = 0.465 (rechts)

NCS11; adaptierte CIELAB-Daten					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
RMa	47.15	84.64	37.25	92.48	24
JMa	91.37	-1.27	125.03	125.03	91
GMa	63.07	-114.28	25.35	117.06	167
G50B _{Ma}	59.47	-80.6	-33.45	87.28	203
B _{Ma}	49.01	3.65	-81.19	81.28	273
B50R _{Ma}	44.06	106.09	-73.93	129.32	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

$g^*_{H,rel} = 46$

$g^*_{C,rel} = 65$

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	1.0	0.75	(1.0)	
$cmyn^*_3$	0.25	0.0	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	87.32	-28.53	6.33		
lab^*tch	87.32	-28.53	6.33		
lab^*tch	87.32	-28.53	6.33		
relative CIELAB lab*					
lab^*lab	0.904	-0.248	-0.018		
lab^*tch	0.875	0.52	0.512		
lab^*nce	0.0	0.75	g04b		

relative Inform. Technology (IT)					
olv^*_3	0.5	0.75	0.5	(1.0)	
$cmyn^*_3$	0.5	0.25	0.5	(0.0)	
olv^*_4	0.75	1.0	0.75	(1.0)	
$cmyn^*_4$	0.0	0.0	0.0	(0.0)	
standard and adapted CIELAB					
lab^*lab	66.22	-28.53	6.34		
lab^*tch	66.22	-28.53	6.34		
lab^*tch	66.22	-28.53	6.34		
relative CIELAB lab*					
lab^*lab	0.5	0.75	0.5		
lab^*tch	0.5	0.75	0.5		
lab^*nch	0.0	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	0.0	0.75	g04b		

relative Inform. Technology (IT)					
olv^*_3	0.25	0.75	0.25	(1.0)	
$cmyn^*_3$	0.75	0.25	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	0.0	0.0		
lab^*tch	53.21	0.0	0.0		
lab^*tch	53.21	0.0	0.0		
relative CIELAB lab*					
lab^*lab	0.25	0.75	0.25		
lab^*tch	0.25	0.75	0.25		
lab^*nch	0.0	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	0.0	0.75	g04b		

relative Inform. Technology (IT)					
olv^*_3	0.0	0.5	0.0	(1.0)	
$cmyn^*_3$	0.5	0.0	0.5	(0.0)	
olv^*_4	0.5	0.5	0.5	(0.0)	
$cmyn^*_4$	0.0	0.0	0.0	(0.0)	
standard and adapted CIELAB					
lab^*lab	45.12	-28.51	6.35		
lab^*tch	45.12	-28.51	6.35		
lab^*tch	45.12	-28.51	6.35		
relative CIELAB lab*					
lab^*lab	0.0	0.5	0.0		
lab^*tch	0.0	0.5	0.0		
lab^*nch	0.5	0.0	0.5		
relative Natural Colour (NC)					
lab^*trj	0.0	0.5	0.0		
lab^*tce	0.0	0.5	0.0		
lab^*nce	0.5	0.5	g04b		

relative Inform. Technology (IT)					
olv^*_3	0.0	0.25	0.0	(1.0)	
$cmyn^*_3$	0.25	0.0	0.25	(0.0)	
olv^*_4	0.25	0.25	0.25	(0.0)	
$cmyn^*_4$	0.0	0.0	0.0	(0.0)	
standard and adapted CIELAB					
lab^*lab	32.11	0.0	0.0		
lab^*tch	32.11	0.0	0.0		
lab^*tch	32.11	0.0	0.0		
relative CIELAB lab*					
lab^*lab	0.0	0.25	0.0		
lab^*tch	0.0	0.25	0.0		
lab^*nch	0.25	0.0	0.25		
relative Natural Colour (NC)					
lab^*trj	0.0	0.25	0.0		
lab^*tce	0.0	0.25	0.0		
lab^*nce	0.25	0.25	g04b		

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	(0.0)	
$cmyn^*_4$	0.0	0.0	0.0	(0.0)	
standard and adapted CIELAB					
lab^*lab	11.01	0.0	0.0		
lab^*tch	11.01	0.0	0.0		
lab^*tch	11.01	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	1.0		
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	1.0		

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	(0.0)	
$cmyn^*_4$	0.0	0.0	0.0	(0.0)	
standard and adapted CIELAB					
lab^*lab	24.02	-28.55	6.33		
lab^*tch	24.02	-28.55	6.33		
lab^*tch	24.02	-28.55	6.33		
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	1.0		
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	1.0		

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	(0.0)	
$cmyn^*_4$	0.0	0.0	0.0	(0.0)	
standard and adapted CIELAB					
lab^*lab	11.01	0.0	0.0		
lab^*tch	11.01	0.0	0.0		
lab^*tch	11.01	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	1.0		
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	1.0		

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	(0.0)	
$cmyn^*_4$	0.0	0.0	0.0	(0.0)	
standard and adapted CIELAB					
lab^*lab	11.01	0.0	0.0		
lab^*tch	11.01	0.0	0.0		
lab^*tch	11.01	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	1.0		
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	1.0		

NCS11; adaptierte CIELAB-Daten						
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	h^*_a	
* _a	RMa	47.15	84.64	37.25	92.48	24
	JMa	91.37	-1.27	125.03	125.03	91
	GMa	63.07	-114.28	25.35	117.06	167
	G50B _{Ma}	59.47	-80.6	-33.45	87.28	203
	B _{Ma}	49.01	3.65	-81.19	81.28	277
	B50R _{Ma}	44.06	106.09	-73.93	129.32	32
	N _{Ma}	10.99	0.0	0.0	0.0	0
	W _{Ma}	95.41	0.0	0.0	0.0	0
	R _{CIE}	39.92	58.69	27.98	65.01	25
J _{CIE}	81.26	-2.9	71.56	71.62	92	
G _{CIE}	52.23	-42.45	13.59	44.59	16	
B _{CIE}	30.57	1.35	-46.48	46.51	27	

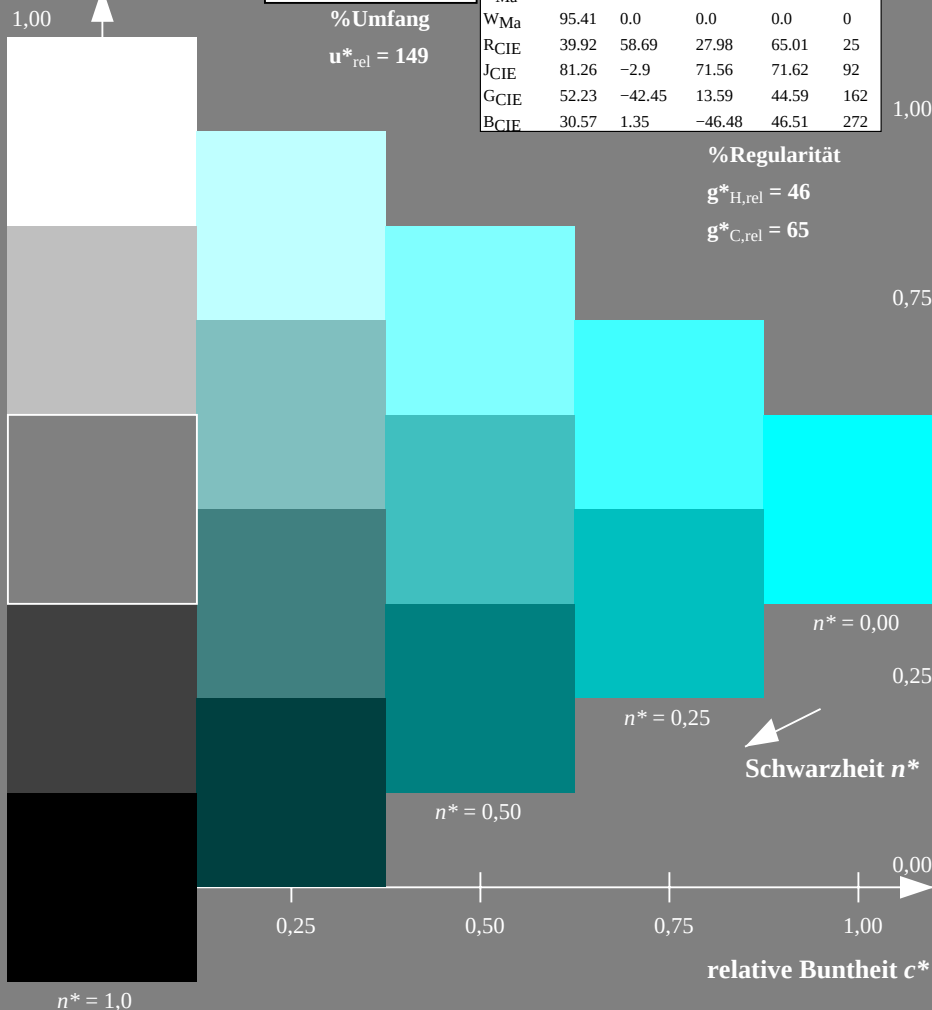
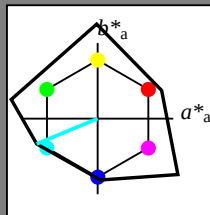
Eingabe: Farbmatisches Reflexions-System NCS11

für Buntton $h^* = lab^*h = 203/360 = 0.563$

lab^*tch und lab^*nch

D65: Buntton G50B
LCH*Ma: 59 87 203
rgb*Ma: 0.0 1.0 1.0

Dreiecks-Helligkeit



TG49-7, 5 stufige Reihen für konstanten CIELAB Buntton 203/360 = 0.563 (links)

BAM-Prüfvorlage TG49; Farbmatrik-Systeme ORS18 & ORS18 input: $olv^* setrgbcolor$

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

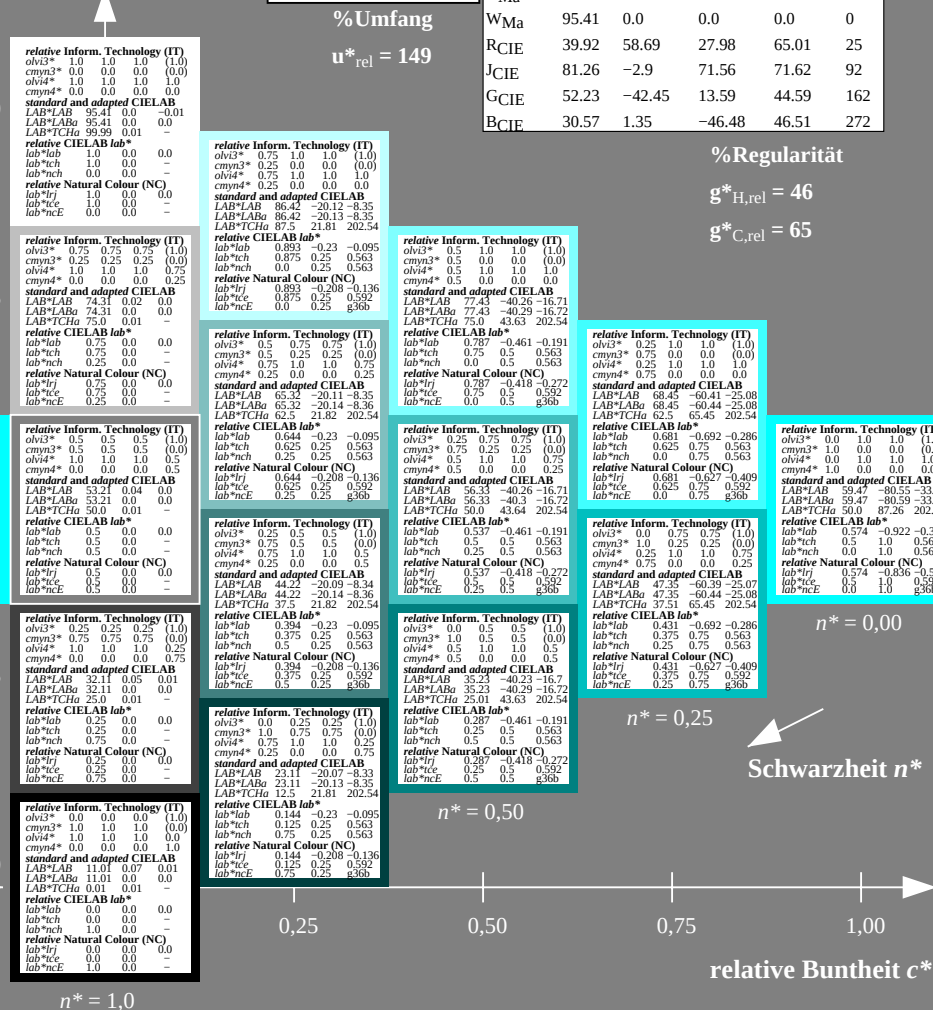
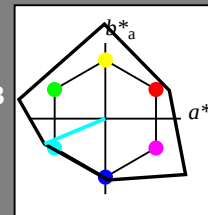
Ausgabe: Farbmatisches Reflexions-System NCS11

für Buntton $h^* = lab^*h = 203/360 = 0.563$

lab^*tch und lab^*nch

D65: Buntton G50B
LCH*Ma: 59 87 203
rgb*Ma: 0.0 1.0 1.0

Dreiecks-Helligkeit



5 stufige Reihen für konstanten CIELAB Buntton 203/360 = 0.563 (rechts)

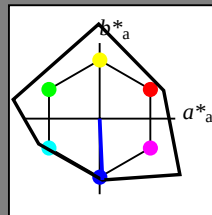
Eingabe: Farbmatisches Reflexions-System NCS11

für Buntton $h^* = lab^*h = 273/360 = 0.757$

lab^*tch und lab^*nch

D65: Buntton B
LCH*Ma: 49 81 273
rgb*Ma: 0.0 0.0 1.0

Dreiecks-Helligkeit



NCS11; adaptierte CIELAB-Daten					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
RMa	47.15	84.64	37.25	92.48	24
JMa	91.37	-1.27	125.03	125.03	91
GMa	63.07	-114.28	25.35	117.06	167
G50B _{Ma}	59.47	-80.6	-33.45	87.28	203
B _{Ma}	49.01	3.65	-81.19	81.28	273
B50R _{Ma}	44.06	106.09	-73.93	129.32	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

$g^*_{H,rel} = 46$

$g^*_{C,rel} = 65$

1,00

0,75

Schwarzheit n^*

$n^* = 1,0$

relative Buntheit c^*

TG490-7, 5 stufige Reihen für konstanten CIELAB Buntton 273/360 = 0.757 (links)

BAM-Prüfvorlage TG49; Farbmatrik-Systeme ORS18 & ORS18 input: $olv^* setrgbcolor$

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

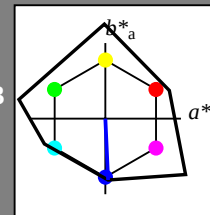
Ausgabe: Farbmatisches Reflexions-System NCS11

für Buntton $h^* = lab^*h = 273/360 = 0.757$

lab^*tch und lab^*nch

D65: Buntton B
LCH*Ma: 49 81 273
rgb*Ma: 0.0 0.0 1.0

Dreiecks-Helligkeit



NCS11; adaptierte CIELAB-Daten					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
RMa	47.15	84.64	37.25	92.48	24
JMa	91.37	-1.27	125.03	125.03	91
GMa	63.07	-114.28	25.35	117.06	167
G50B _{Ma}	59.47	-80.6	-33.45	87.28	203
B _{Ma}	49.01	3.65	-81.19	81.28	273
B50R _{Ma}	44.06	106.09	-73.93	129.32	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

$g^*_{H,rel} = 46$

$g^*_{C,rel} = 65$

1,00

0,75

Schwarzheit n^*

$n^* = 1,0$

relative Buntheit c^*

5 stufige Reihen für konstanten CIELAB Buntton 273/360 = 0.757 (rechts)

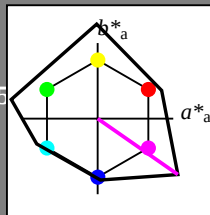
Eingabe: Farbmatisches Reflexions-System NCS11

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

lab^*tch und lab^*nch

D65: Buntton B50R
LCH*Ma: 44 129 325
rgb*Ma: 1.0 0.0 1.0

Dreiecks-Helligkeit

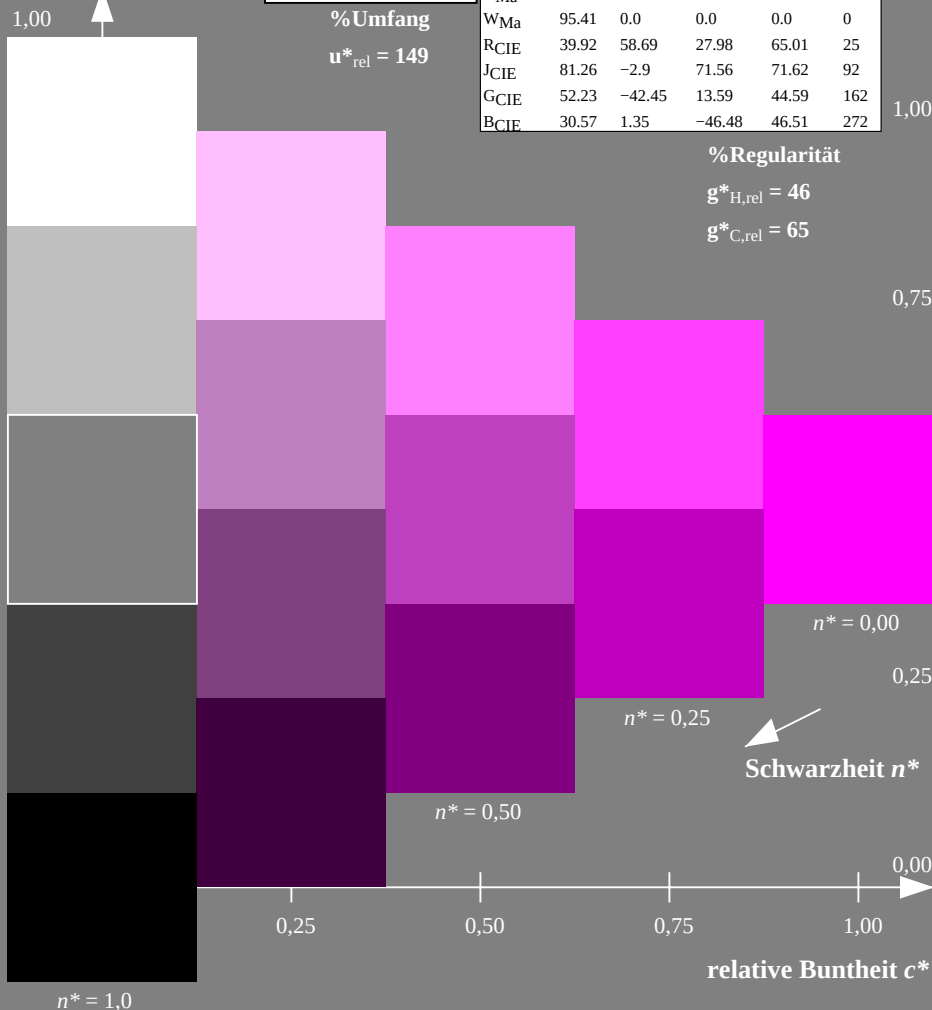


NCS11; adaptierte CIELAB-Daten					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
RMa	47.15	84.64	37.25	92.48	24
JMa	91.37	-1.27	125.03	125.03	91
GMa	63.07	-114.28	25.35	117.06	167
G50B _{Ma}	59.47	-80.6	-33.45	87.28	203
B _{Ma}	49.01	3.65	-81.19	81.28	273
B50R _{Ma}	44.06	106.09	-73.93	129.32	325
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

$g^*_{H,rel} = 46$

$g^*_{C,rel} = 65$



TG490-7, 5 stufige Reihen für konstanten CIELAB Buntton 325/360 = 0.903 (links)

BAM-Prüfvorlage TG49; Farbmatrik-Systeme ORS18 & ORS18 input: $olv^* setrgbcolor$

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

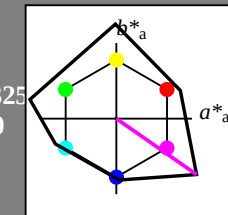
Ausgabe: Farbmatisches Reflexions-System NCS11

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

lab^*tch und lab^*nch

D65: Buntton B50R
LCH*Ma: 44 129 325
rgb*Ma: 1.0 0.0 1.0

Dreiecks-Helligkeit

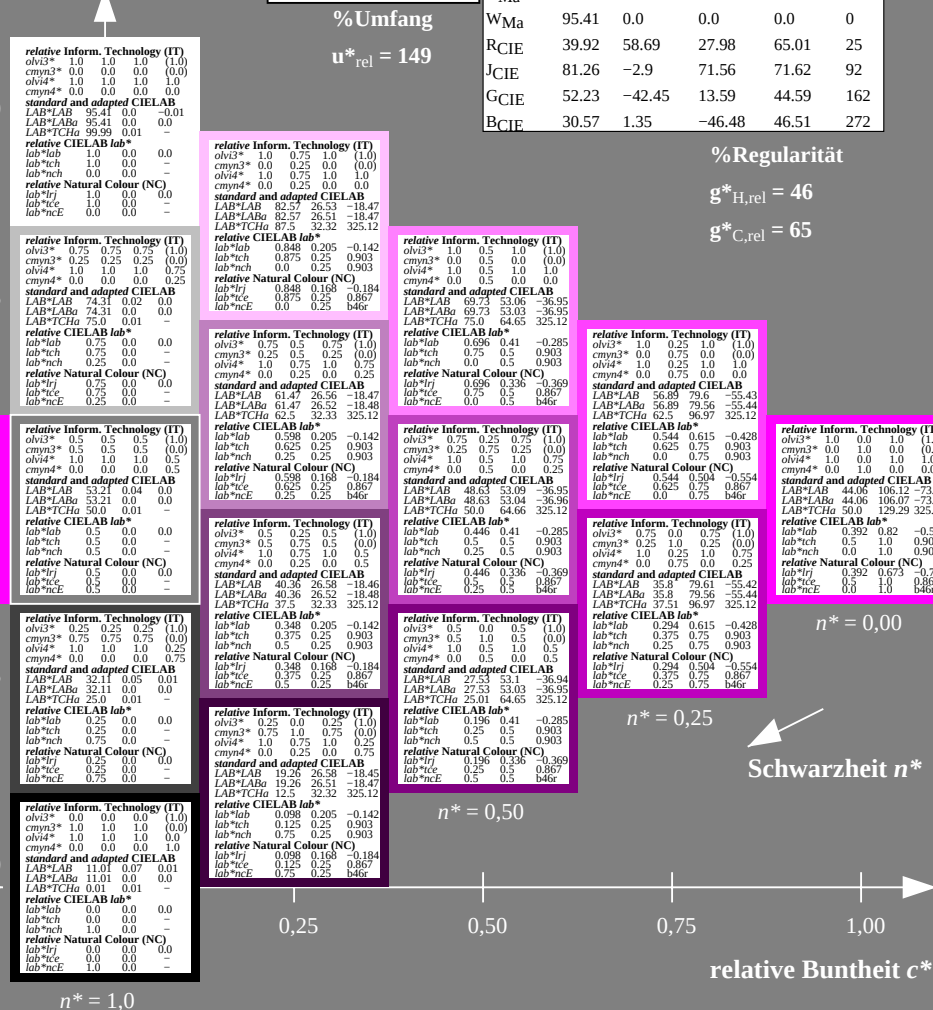


NCS11; adaptierte CIELAB-Daten					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
RMa	47.15	84.64	37.25	92.48	24
JMa	91.37	-1.27	125.03	125.03	91
GMa	63.07	-114.28	25.35	117.06	167
G50B _{Ma}	59.47	-80.6	-33.45	87.28	203
B _{Ma}	49.01	3.65	-81.19	81.28	273
B50R _{Ma}	44.06	106.09	-73.93	129.32	325
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

$g^*_{H,rel} = 46$

$g^*_{C,rel} = 65$



5 stufige Reihen für konstanten CIELAB Buntton 325/360 = 0.903 (rechts)

Eingabe: Farbmatisches Reflexions-System NCS11

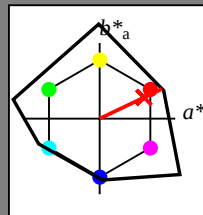
für Buntton $h^* = lab^*h = 25/360 = 0.071$ lab^*tch und lab^*nch

D65: Buntton R

LCH*Ma: 48 91 25

rgb*Ma: 1.0 0.02 0.0

Dreiecks-Helligkeit



NCS11; adaptierte CIELAB-Daten

	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
RMa	47.15	84.64	37.25	92.48	24
JMa	91.37	-1.27	125.03	125.03	91
GMa	63.07	-114.28	25.35	117.06	167
G50B _{Ma}	59.47	-80.6	-33.45	87.28	203
B _{Ma}	49.01	3.65	-81.19	81.28	273
B50R _{Ma}	44.06	106.09	-73.93	129.32	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

 $g^*_{H,rel} = 46$ $g^*_{C,rel} = 65$

1,00

0,75

 $n^* = 0,00$

0,25

 $n^* = 0,25$ $n^* = 0,50$ relative Buntheit c^* $n^* = 1,0$

TG490-7, 5 stufige Reihen für konstanten CIELAB Buntton 25/360 = 0.071 (links)

BAM-Prüfvorlage TG49; Farbmatrik-Systeme ORS18 & ORS18 input: $olv^* setrgbcolor$ D65: 5stufige Farbreihen und Koordinaten-Daten für 10 Bunttöneoutput: *Startup (S) data dependend*

Ausgabe: Farbmatisches Reflexions-System NCS11

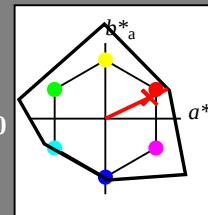
für Buntton $h^* = lab^*h = 25/360 = 0.071$ lab^*tch und lab^*nch

D65: Buntton R

LCH*Ma: 48 91 25

rgb*Ma: 1.0 0.02 0.0

Dreiecks-Helligkeit



%Umfang

 $u^*_{rel} = 149$

1,00

0,75

 $n^* = 0,00$

0,25

 $n^* = 0,25$ $n^* = 0,50$ relative Buntheit c^* $n^* = 1,0$

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

NCS11; adaptierte CIELAB-Daten

	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
RMa	47.15	84.64	37.25	92.48	24
JMa	91.37	-1.27	125.03	125.03	91
GMa	63.07	-114.28	25.35	117.06	167
G50B _{Ma}	59.47	-80.6	-33.45	87.28	203
B _{Ma}	49.01	3.65	-81.19	81.28	273
B50R _{Ma}	44.06	106.09	-73.93	129.32	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

 $g^*_{H,rel} = 46$ $g^*_{C,rel} = 65$ $n^* = 0,00$

0,25

 $n^* = 0,25$ $n^* = 0,50$ relative Buntheit c^* $n^* = 1,0$

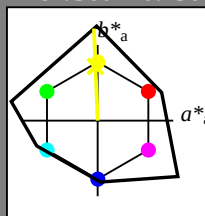
Eingabe: Farbmatisches Reflexions-System NCS11

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

lab^*tch und lab^*nch

D65: Buntton J
LCH*Ma: 90 122 92
rgb*Ma: 0.97 1.0 0.0

Dreiecks-Helligkeit



NCS11; adaptierte CIELAB-Daten					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
RMa	47.15	84.64	37.25	92.48	24
JMa	91.37	-1.27	125.03	125.03	91
GMa	63.07	-114.28	25.35	117.06	167
G50B _{Ma}	59.47	-80.6	-33.45	87.28	203
B _{Ma}	49.01	3.65	-81.19	81.28	273
B50R _{Ma}	44.06	106.09	-73.93	129.32	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

$g^*_{H,rel} = 46$

$g^*_{C,rel} = 65$

1,00

0,75

$n^* = 0,00$

0,25

$n^* = 0,25$

$n^* = 0,50$

$n^* = 1,0$

relative Buntheit c^*

TG490-7, 5 stufige Reihen für konstanten CIELAB Buntton $92/360 = 0.256$ (links)

BAM-Prüfvorlage TG49; Farbmatrik-Systeme ORS18 & ORS18 input: $olv^*setrgbcolor$

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

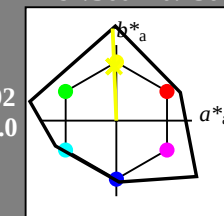
Ausgabe: Farbmatisches Reflexions-System NCS11

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

lab^*tch und lab^*nch

D65: Buntton J
LCH*Ma: 90 122 92
rgb*Ma: 0.97 1.0 0.0

Dreiecks-Helligkeit



NCS11; adaptierte CIELAB-Daten					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
RMa	47.15	84.64	37.25	92.48	24
JMa	91.37	-1.27	125.03	125.03	91
GMa	63.07	-114.28	25.35	117.06	167
G50B _{Ma}	59.47	-80.6	-33.45	87.28	203
B _{Ma}	49.01	3.65	-81.19	81.28	273
B50R _{Ma}	44.06	106.09	-73.93	129.32	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

$g^*_{H,rel} = 46$

$g^*_{C,rel} = 65$

1,00

0,75

$n^* = 0,00$

0,25

$n^* = 0,25$

$n^* = 0,50$

relative Buntheit c^*

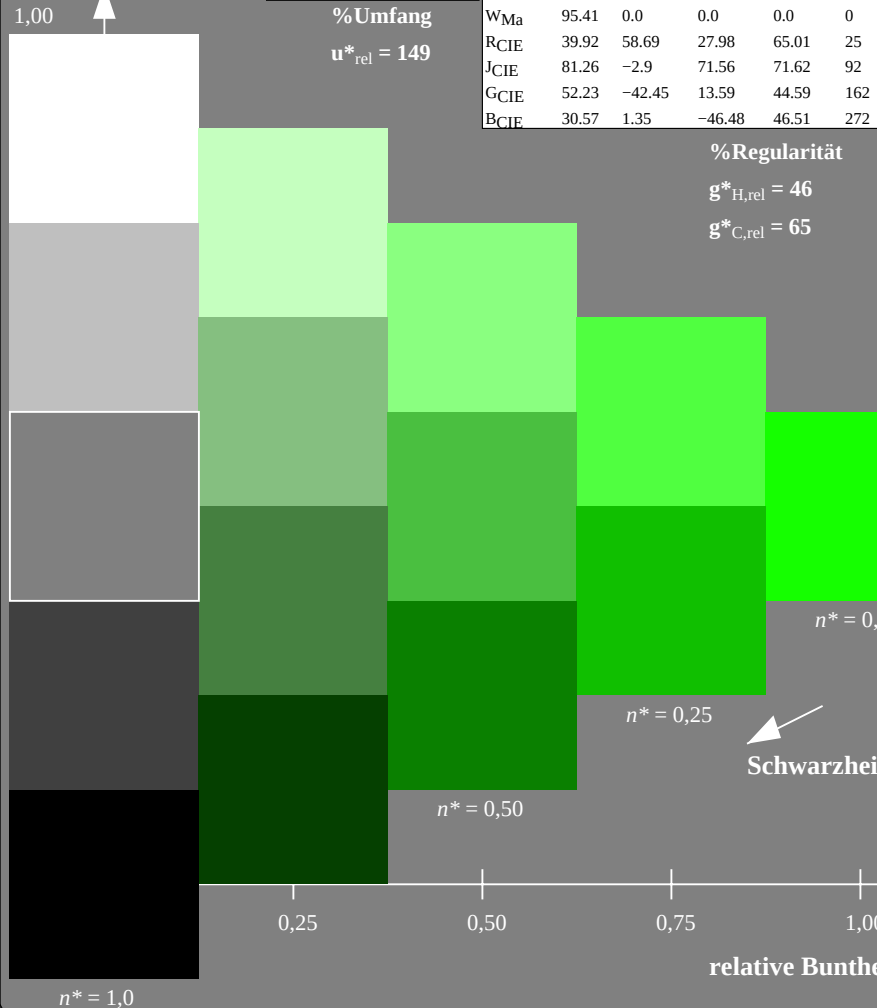
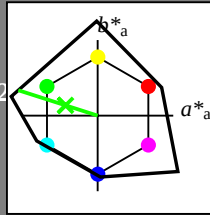
5 stufige Reihen für konstanten CIELAB Buntton $92/360 = 0.256$ (rechts)

Eingabe: Farbmimetrisches Reflexions-System NCS11

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

D65: Buntton G
LCH*Ma: 65 110 162
rgb*Ma: 0.08 1.0 0.0

Dreiecks-Helligkeit



TG490-7, 5 stufige Reihen für konstanten CIELAB Buntton 162/360 = 0.451 (links)

BAM-Prüfvorlage TG49; Farbmimetrik-Systeme ORS18 & ORS18 input: $olv^* setrgbcolor$

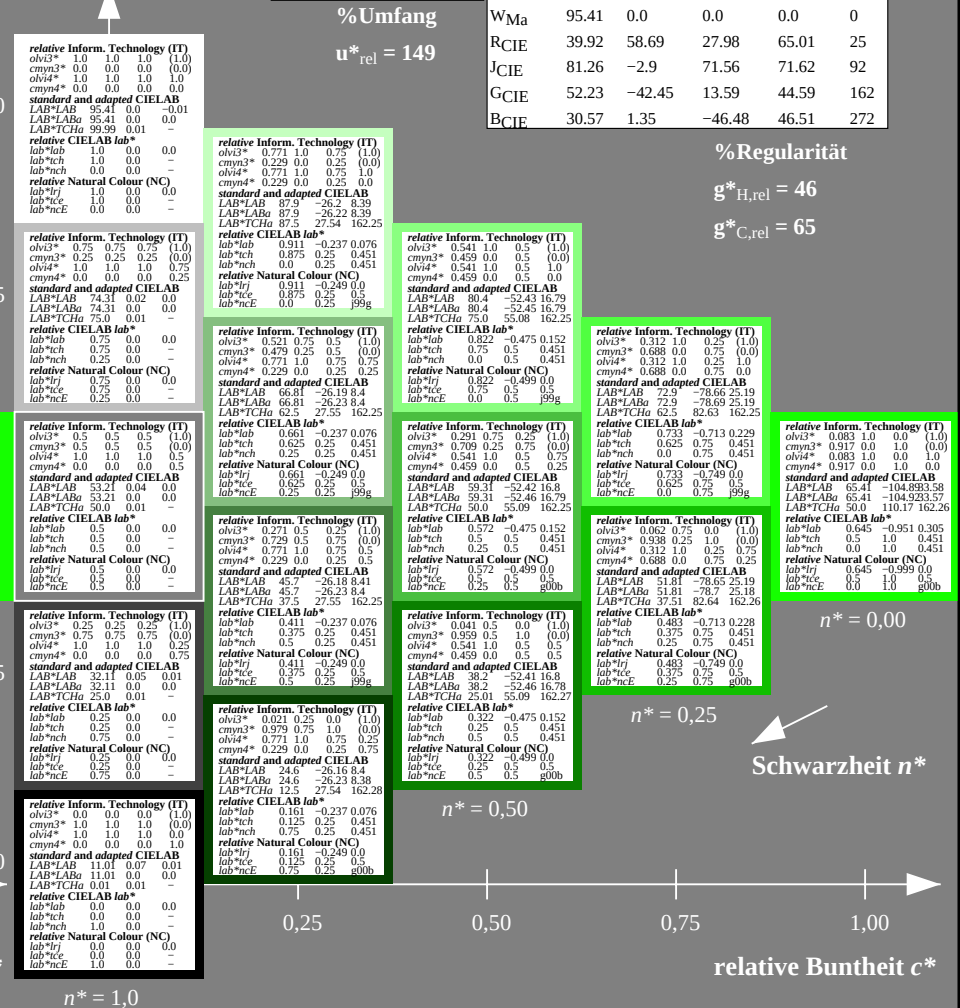
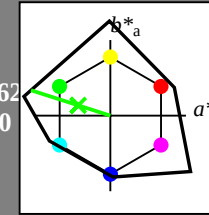
D65: 5stufige Farbreihen und Koordinaten-Daten für 10 Bunttöneoutput: *Startup (S) data dependend*

Ausgabe: Farbmimetrisches Reflexions-System NCS11

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

D65: Buntton G
LCH*Ma: 65 110 162
rgb*Ma: 0.08 1.0 0.0

Dreiecks-Helligkeit



5 stufige Reihen für konstanten CIELAB Buntton 162/360 = 0.451 (rechts)

Eingabe: Farbmatisches Reflexions-System NCS11

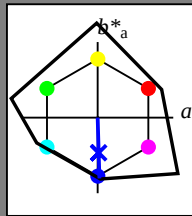
für Buntton $h^* = lab^*h = 272/360 = 0.755$ lab^*tch und lab^*nch

D65: Buntton B

LCH*Ma: 49 80 272

rgb*Ma: 0.0 0.02 1.0

Dreiecks-Helligkeit



NCS11; adaptierte CIELAB-Daten

	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
RMa	47.15	84.64	37.25	92.48	24
JMa	91.37	-1.27	125.03	125.03	91
GMa	63.07	-114.28	25.35	117.06	167
G50B _{Ma}	59.47	-80.6	-33.45	87.28	203
B _{Ma}	49.01	3.65	-81.19	81.28	273
B50R _{Ma}	44.06	106.09	-73.93	129.32	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

 $g^*_{H,rel} = 46$ $g^*_{C,rel} = 65$

1,00

0,75

 $n^* = 0,00$

0,25

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

Ausgabe: Farbmatisches Reflexions-System NCS11

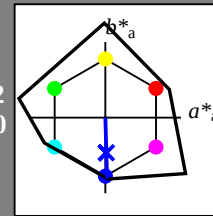
für Buntton $h^* = lab^*h = 272/360 = 0.755$ lab^*tch und lab^*nch

D65: Buntton B

LCH*Ma: 49 80 272

rgb*Ma: 0.0 0.02 1.0

Dreiecks-Helligkeit



NCS11; adaptierte CIELAB-Daten

	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
RMa	47.15	84.64	37.25	92.48	24
JMa	91.37	-1.27	125.03	125.03	91
GMa	63.07	-114.28	25.35	117.06	167
G50B _{Ma}	59.47	-80.6	-33.45	87.28	203
B _{Ma}	49.01	3.65	-81.19	81.28	273
B50R _{Ma}	44.06	106.09	-73.93	129.32	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

 $g^*_{H,rel} = 46$ $g^*_{C,rel} = 65$

1,00

0,75

 $n^* = 0,00$

0,25

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

TG490-7, 5 stufige Reihen für konstanten CIELAB Buntton 272/360 = 0.755 (links)

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

BAM-Prüfvorlage TG49; Farbmatrik-Systeme ORS18 & ORS18 input: $olv^* setrgbcolor$ D65: 5stufige Farbreihen und Koordinaten-Daten für 10 Bunttöneoutput: *Startup (S) data dependend*