

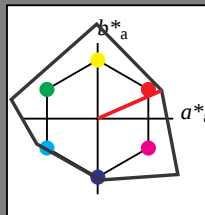
Eingabe: Farbmimetrisches Reflexions-System NCS11

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

$n^* = 0,25$

$n^* = 0,50$

0,00

relative Buntheit c^*

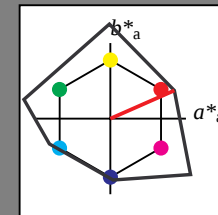
Ausgabe: Farbmimetrisches Reflexions-System NCS11

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
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%Regularität

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

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

1,00

0,75

$n^* = 0,00$

0,25

$n^* = 0,25$

$n^* = 0,50$

0,00

relative Buntheit c^*

UG490-7, 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 UG49; Farbmimetrik-Systeme NCS11a & NCS11aput: *cmY0* setcmykcolor*

D65: 5stufige Farbreihen und Koordinaten-Daten für 10 Bunttöneoutput: *no change compared to input*

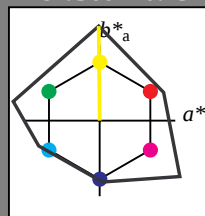
Eingabe: Farbmimetrisches Reflexions-System NCS11

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



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
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GCIE	52.23	-42.45	13.59	44.59	162
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%Regularität

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

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

1,00

0,75

$n^* = 0,00$

0,25

$n^* = 0,25$

$n^* = 0,50$

0,00

$n^* = 1,0$

relative Buntheit c^*

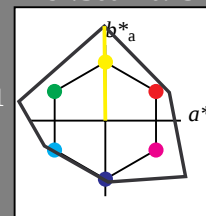
Ausgabe: Farbmimetrisches Reflexions-System NCS11

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



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
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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
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%Regularität

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

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

1,00

0,75

$n^* = 0,00$

0,25

$n^* = 0,25$

$n^* = 0,50$

0,00

relative Buntheit c^*

UG490-7, 5 stufige Reihen für konstanten CIELAB Buntton 91/360 = 0.252 (links)

5 stufige Reihen für konstanten CIELAB Buntton 91/360 = 0.252 (rechts)

BAM-Prüfvorlage UG49; Farbmimetrik-Systeme NCS11a & NCS11aput: *cmY0* setcmykcolor*

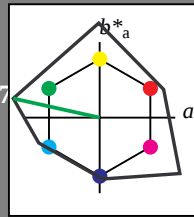
D65: 5stufige Farbreihen und Koordinaten-Daten für 10 Bunttöneoutput: *no change compared to input*

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



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^*

UG490-7, 5 stufige Reihen für konstanten CIELAB Buntton 167/360 = 0.465 (links)

BAM-Prüfvorlage UG49; Farbmimetrik-Systeme NCS11a & NCS11aput: $cmY0^* setcmykcolor$

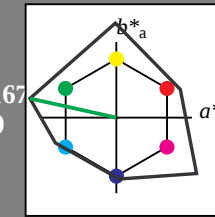
D65: 5stufige Farbreihen und Koordinaten-Daten für 10 Bunttöneoutput: $no change compared to input$

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

$u^*_{rel} = 149$

relative Inform. Technology (IT)						
olvi3*	1.0	1.0	1.0	(1.0)		
cmyn3*	0.0	0.0	0.0	(0.0)		
olvi4*	1.0	1.0	1.0	(1.0)		
cmyn4*	0.0	0.0	0.0	(0.0)		
standard and adapted CIELAB						
LAB*LAB	95.41	0.0	-0.01			
LAB*LABa	95.41	0.0	0.0			
LAB*LABb	95.41	0.0	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)		
olvi4*	1.0	1.0	1.0	(1.0)		
cmyn4*	0.0	0.0	0.0	(0.0)		
standard and adapted CIELAB						
LAB*LAB	74.31	0.02	0.0			
LAB*LABa	74.31	0.02	0.0			
LAB*LABb	74.31	0.02	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)		
olvi4*	1.0	1.0	1.0	(1.0)		
cmyn4*	0.0	0.0	0.0	(0.0)		
standard and adapted CIELAB						
LAB*LAB	53.21	0.04	0.0			
LAB*LABa	53.21	0.04	0.0			
LAB*LABb	53.21	0.04	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)		
olvi4*	1.0	1.0	1.0	(1.0)		
cmyn4*	0.0	0.0	0.0	(0.0)		
standard and adapted CIELAB						
LAB*LAB	32.11	0.05	0.0			
LAB*LABa	32.11	0.05	0.0			
LAB*LABb	32.11	0.05	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)		
olvi4*	1.0	1.0	1.0	(1.0)		
cmyn4*	0.0	0.0	0.0	(0.0)		
standard and adapted CIELAB						
LAB*LAB	11.01	0.07	0.0			
LAB*LABa	11.01	0.07	0.0			
LAB*LABb	11.01	0.07	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			

$n^* = 1,0$

relative Inform. Technology (IT)						
olvi3*	0.75	1.0	0.75	(1.0)		
cmyn3*	0.25	0.0	0.25	(0.0)		
olvi4*	0.75	1.0	0.75	(1.0)		
cmyn4*	0.0	0.0	0.0	(0.0)		
standard and adapted CIELAB						
LAB*LAB	87.32	-28.53	6.33			
LAB*LABa	87.32	-28.53	6.33			
LAB*LABb	87.32	-28.53	6.33			
relative CIELAB lab*						
lab*lab	0.75	1.0	0.75			
lab*tch	0.75	1.0	0.75			
lab*nch	0.0	0.0	0.0			
relative Natural Colour (NC)						
lab*trj	0.75	1.0	0.75			
lab*tce	0.75	1.0	0.75			
lab*nce	0.0	0.0	0.0			

relative Inform. Technology (IT)						
olvi3*	0.5	0.75	0.5	(1.0)		
cmyn3*	0.5	0.25	0.5	(0.0)		
olvi4*	0.75	1.0	0.75	(1.0)		
cmyn4*	0.0	0.0	0.0	(0.0)		
standard and adapted CIELAB						
LAB*LAB	66.22	-28.53	6.34			
LAB*LABa	66.22	-28.53	6.34			
LAB*LABb	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	0.75	0.5			
lab*tce	0.5	0.75	0.5			
lab*nce	0.0	0.0	0.0			

relative Inform. Technology (IT)						
olvi3*	0.25	0.75	0.25	(1.0)		
cmyn3*	0.75	0.25	0.75	(0.0)		
olvi4*	0.5	1.0	0.5	(1.0)		
cmyn4*	0.0	0.0	0.0	(0.0)		
standard and adapted CIELAB						
LAB*LAB	58.14	-57.09	12.68			
LAB*LABa	58.14	-57.09	12.68			
LAB*LABb	58.14	-57.09	12.68			
relative CIELAB lab*						
lab*lab	0.25	0.75	0.25			
lab*tch	0.25	0.75	0.25			
lab*nch	0.75	0.0	0.75			
relative Natural Colour (NC)						
lab*trj	0.25	0.75	0.25			
lab*tce	0.25	0.75	0.25			
lab*nce	0.75	0.0	0.75			

relative Inform. Technology (IT)						
olvi3*	0.0	0.5	0.0	(1.0)		
cmyn3*	1.0	0.5	1.0	(0.0)		
olvi4*	0.5	1.0	0.5	(1.0)		
cmyn4*	0.0	0.0	0.0	(0.0)		
standard and adapted CIELAB						
LAB*LAB	37.04	-57.12	12.67			
LAB*LABa	37.04	-57.12	12.67			
LAB*LABb	37.04	-57.12	12.67			
relative CIELAB lab*						
lab*lab	0.0	0.5	0.0			
lab*tch	0.0	0.5	0.0			
lab*nch	1.0	0.0	1.0			
relative Natural Colour (NC)						
lab*trj	0.0	0.5	0.0			
lab*tce	0.0	0.5	0.0			
lab*nce	1.0	0.0	1.0			

relative Inform. Technology (IT)						
olvi3*	0.0	0.0	0.0	(1.0)		
cmyn3*	1.0	0.0	1.0	(0.0)		
olvi4*	0.0	0.0	0.0	(1.0)		
cmyn4*	0.0	0.0	0.0	(0.0)		
standard and adapted CIELAB						
LAB*LAB	11.01	0.07	0.0			
LAB*LABa	11.01	0.07	0.0			
LAB*LABb	11.01	0.07	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			

$n^* = 0,50$

$n^* = 1,0$

relative Buntheit c^*

relative Buntheit c^*

relative Buntheit c^*

NCS11; adaptierte CIELAB-Daten						
	$L^*=L_a^*$	a_a^*	b_a^*	$C_{ab,a}^*$	$h_{ab,a}^*$	
* _a	R _{Ma}	47.15	84.64	37.25	92.48	24
	J _{Ma}	91.37	-1.27	125.03	125.03	91
	G _{Ma}	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
	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	162	
B _{CIE}	30.57	1.35	-46.48	46.51	272	

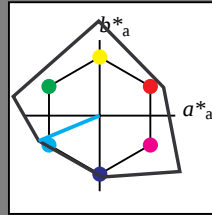
Eingabe: Farbmimetrisches Reflexions-System NCS11

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



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
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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

0,25

0,00

$n^* = 0,00$

$n^* = 0,25$

$n^* = 0,50$

$n^* = 1,00$

$n^* = 1,00$

$n^* = 1,00$

$n^* = 1,00$

$n^* = 1,00$

$n^* = 1,00$

$n^* = 1,00$

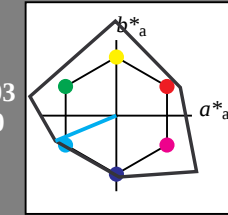
Ausgabe: Farbmimetrisches Reflexions-System NCS11

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



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

0,25

0,00

$n^* = 0,00$

$n^* = 0,25$

$n^* = 0,50$

$n^* = 1,00$

$n^* = 1,00$

$n^* = 1,00$

$n^* = 1,00$

$n^* = 1,00$

$n^* = 1,00$

$n^* = 1,00$

UG490-7, 5 stufige Reihen für konstanten CIELAB Buntton 203/360 = 0.563 (links)

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

BAM-Prüfvorlage UG49; Farbmimetrik-Systeme NCS11a & NCS11aput: $cmY0^* setcmykcolor$

D65: 5stufige Farbreihen und Koordinaten-Daten für 10 Bunttöneoutput: no change compared to input

A horizontal number line is shown with three segments. The first segment is black and labeled 'U' above it. The second segment is red and labeled 'L' above it. The third segment is green and labeled 'E' above it.

BAM-Registrierung: 20060101-UG49/10S/S49G04NP.PS/.PDF BAM-Material: Code=rhataa
Anwendung für Beurteilung und Messung von Drucker- oder Monitorsystemen
/IT/GdP/ Form: 5/10 Seite 1/1 Seite 5 Seiten hinten 5

Seitenzahl 5

	C	M	
--	---	---	--

A 3D coordinate system is shown with three axes originating from a point. The horizontal axis is labeled 'O' in red. The vertical axis is labeled 'L' in green. The diagonal axis is labeled 'V' in blue.

D65: 5stufige Farbreihen und Koordinaten-Daten für 10 Bunttöneoutput: *no change compar*

C	M	Y	O	L	V
---	---	---	---	---	---

Eingabe: Farbmimetrisches Reflexions-System NCS11

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

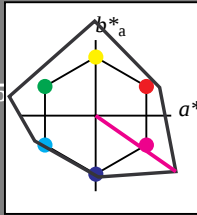
lab^*tch und lab^*nch

D65: Buntton B50R

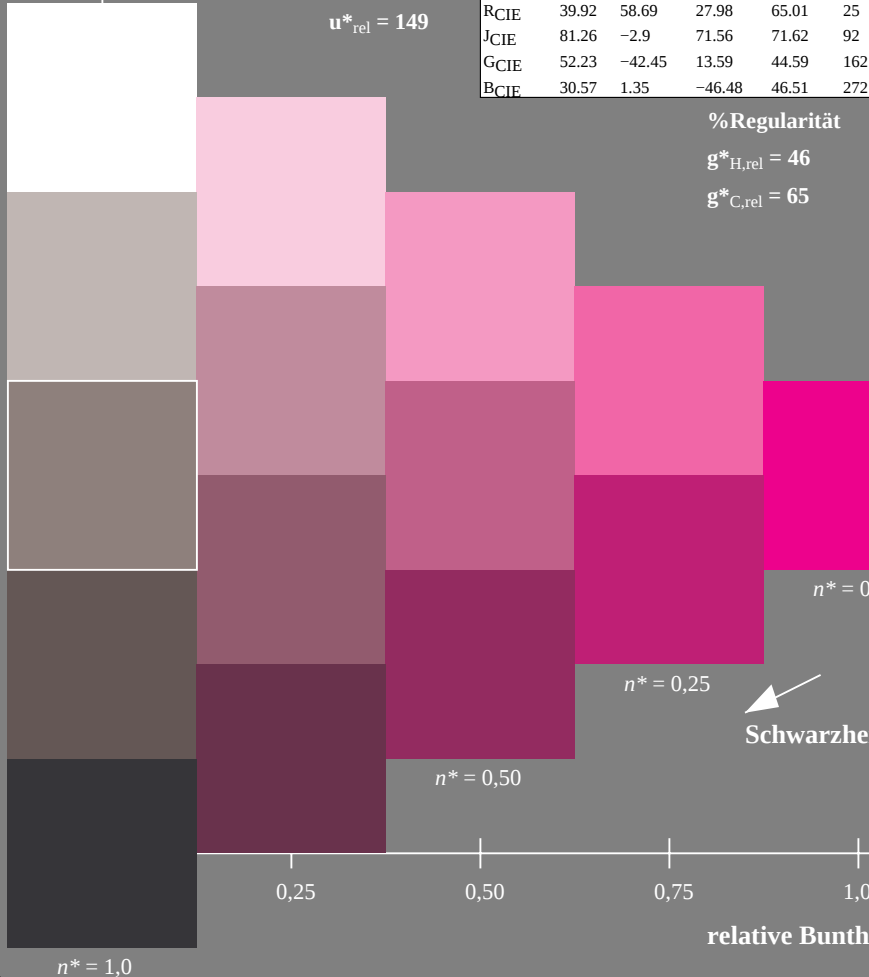
LCH*Ma: 44 129 325

rgb*Ma: 1.0 0.0 1.0

Dreiecks-Helligkeit



$u^*_{rel} = 149$



UG490-7, 5 stufige Reihen für konstanten CIELAB Buntton 325/360 = 0.903 (links)

BAM-Prüfvorlage UG49; Farbmimetrik-Systeme NCS11a & NCS11aput: *cmY0* setcmykcolor*

D65: 5stufige Farbreihen und Koordinaten-Daten für 10 Bunttöneoutput: *no change compared to input*

Ausgabe: Farbmimetrisches Reflexions-System NCS11

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

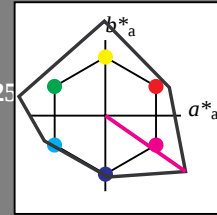
lab^*tch und lab^*nch

D65: Buntton B50R

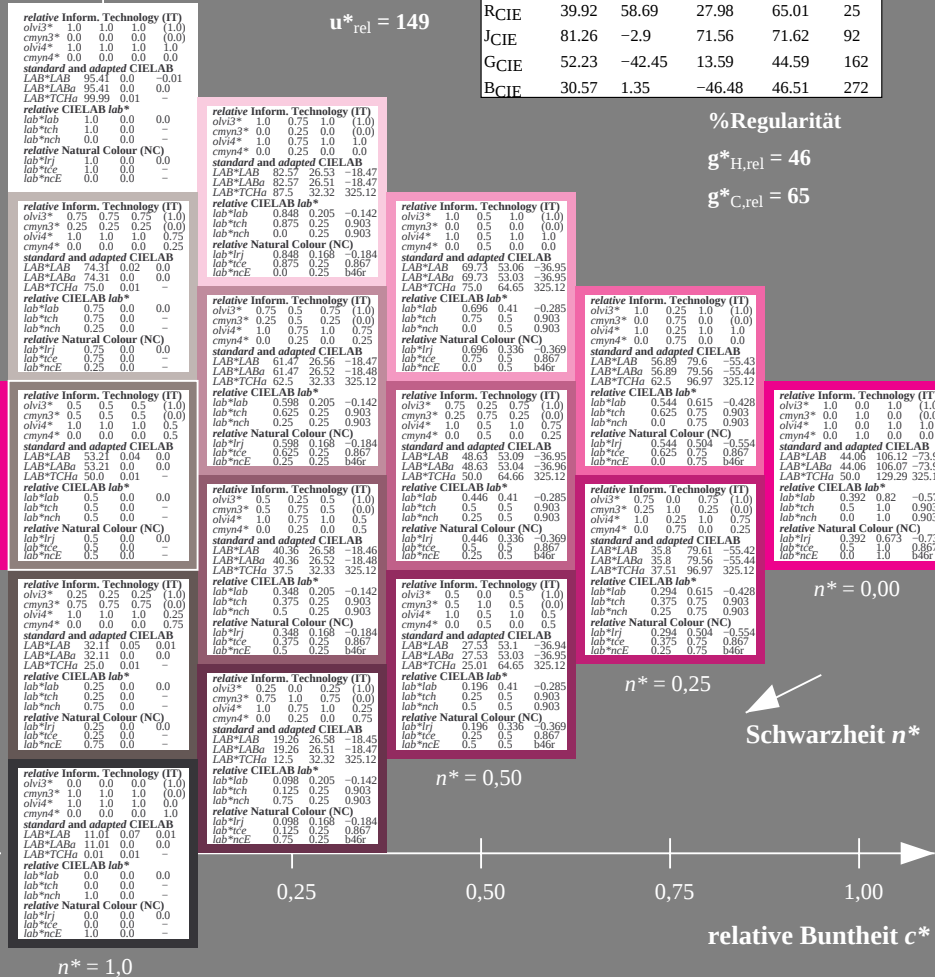
LCH*Ma: 44 129 325

rgb*Ma: 1.0 0.0 1.0

Dreiecks-Helligkeit



$u^*_{rel} = 149$



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

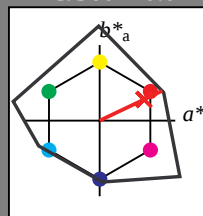
Eingabe: Farbmimetrisches Reflexions-System NCS11

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

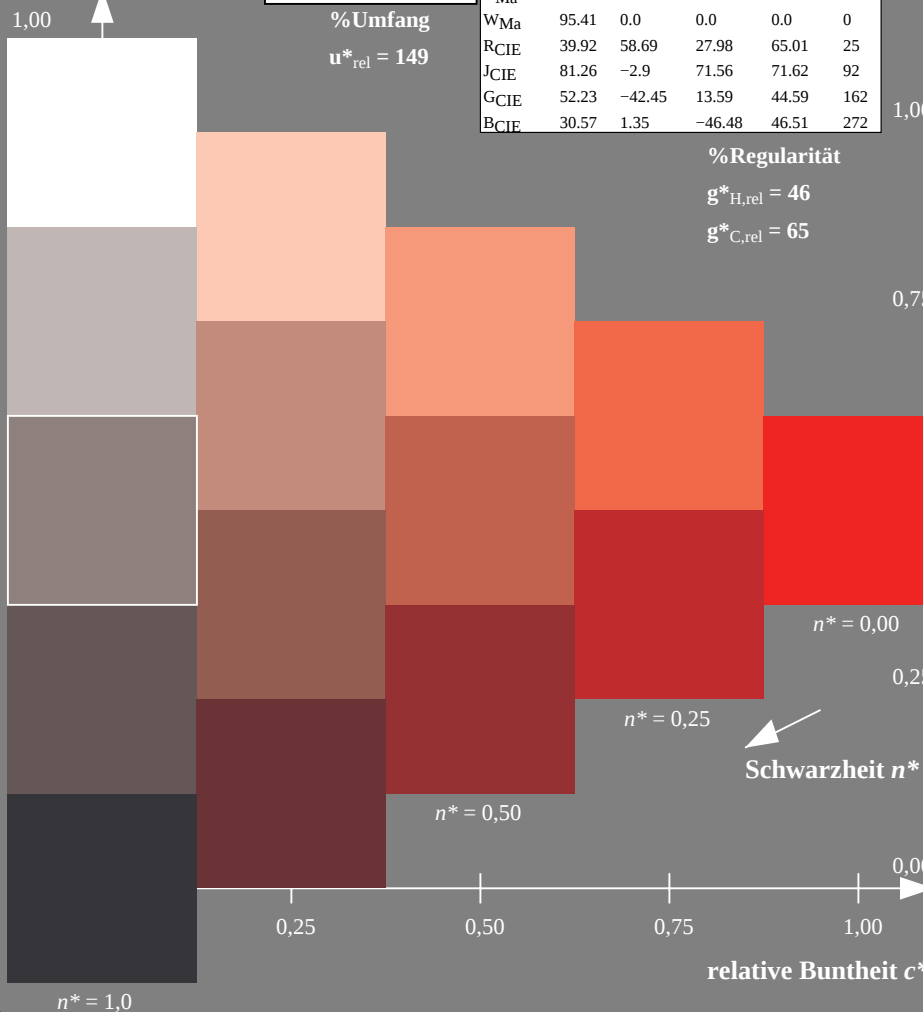


NCS11; adaptierte CIELAB-Daten					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
RMa	47.15	84.64	37.25	92.48	24
JMa	91.37	-1.27	125.03	125.03	91
GMa	63.07	-114.28	25.35	117.06	167
G50B _{Ma}	59.47	-80.6	-33.45	87.28	203
B _{Ma}	49.01	3.65	-81.19	81.28	273
B50R _{Ma}	44.06	106.09	-73.93	129.32	325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

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

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



UG490-7, 5 stufige Reihen für konstanten CIELAB Buntton 25/360 = 0.071 (links)

BAM-Prüfvorlage UG49; Farbmimetrik-Systeme NCS11a & NCS11aput: *cmY0* setcmykcolor*

D65: 5stufige Farbreihen und Koordinaten-Daten für 10 Bunttöneoutput: *no change compared to input*

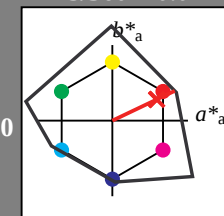
Ausgabe: Farbmimetrisches Reflexions-System NCS11

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

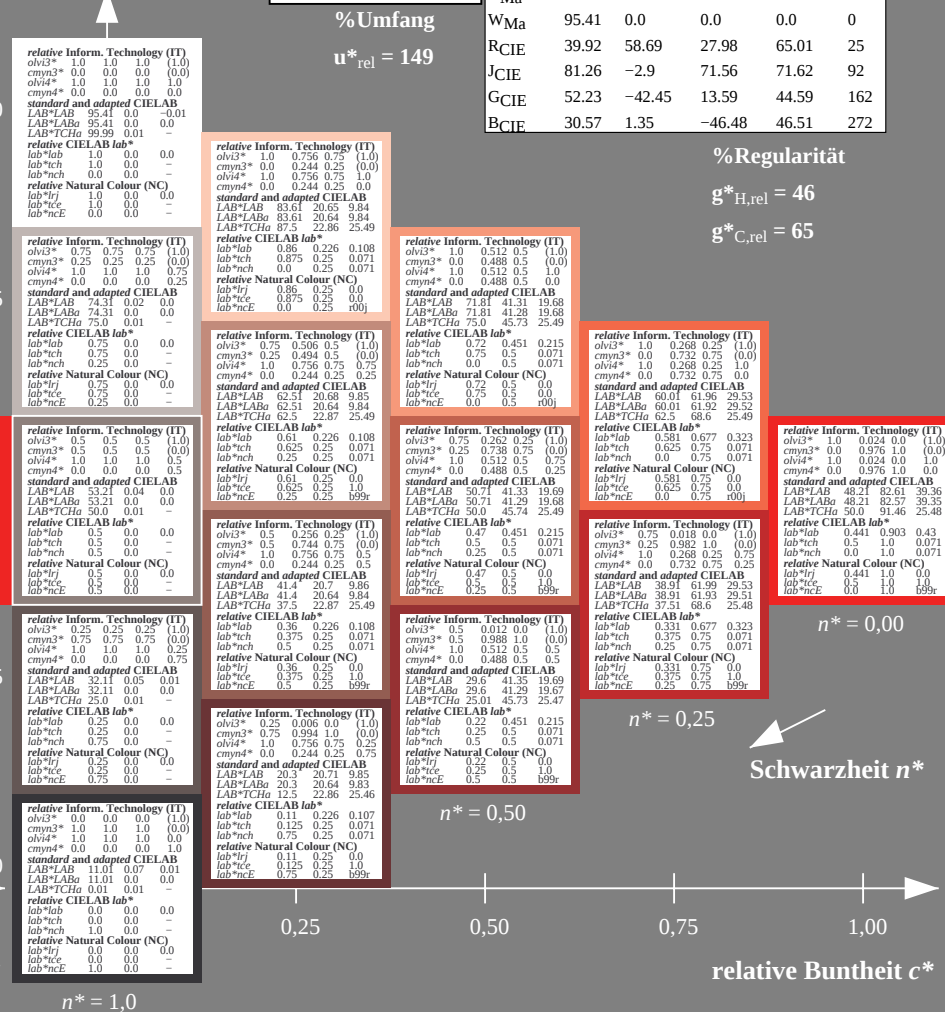


NCS11; adaptierte CIELAB-Daten					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
RMa	47.15	84.64	37.25	92.48	24
JMa	91.37	-1.27	125.03	125.03	91
GMa	63.07	-114.28	25.35	117.06	167
G50B _{Ma}	59.47	-80.6	-33.45	87.28	203
B _{Ma}	49.01	3.65	-81.19	81.28	273
B50R _{Ma}	44.06	106.09	-73.93	129.32	325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

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

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



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

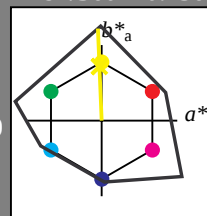
Eingabe: Farbmimetrisches Reflexions-System NCS11

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

$n^* = 0,25$

$n^* = 0,50$

0,00

relative Buntheit c^*

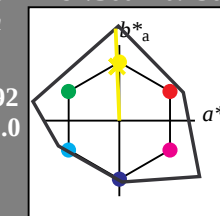
Ausgabe: Farbmimetrisches Reflexions-System NCS11

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



%Umfang

$u^*_{rel} = 149$

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

$n^* = 0,25$

$n^* = 0,50$

0,00

relative Buntheit c^*

UG490-7, 5 stufige Reihen für konstanten CIELAB Buntton 92/360 = 0.256 (links)

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

BAM-Prüfvorlage UG49; Farbmimetrik-Systeme NCS11a & NCS11aput: *cmy0* setcmykcolor*

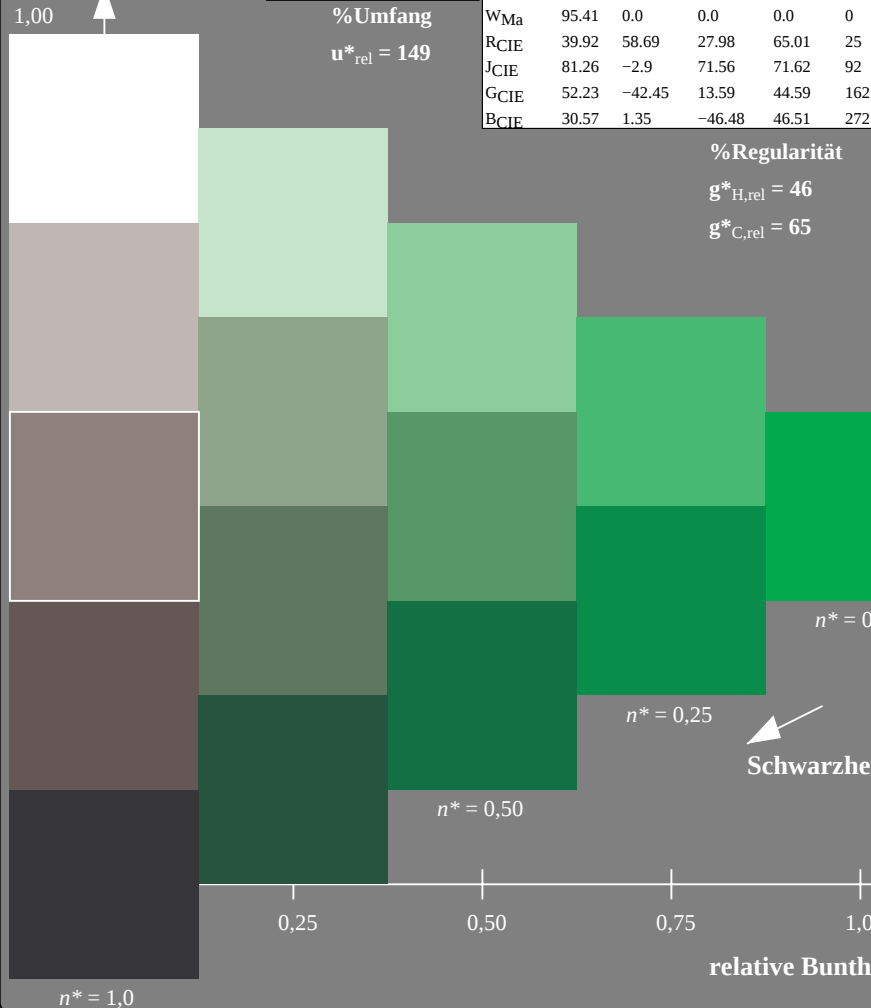
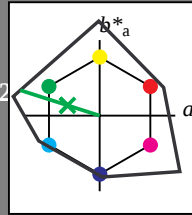
D65: 5stufige Farbreihen und Koordinaten-Daten für 10 Bunttöneoutput: *no change compared to input*

Eingabe: Farbmatisches 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



UG490-7, 5 stufige Reihen für konstanten CIELAB Buntton 162/360 = 0.451 (links)

BAM-Prüfvorlage UG49; Farbmatrik-Systeme NCS11a & NCS11aput: *cmY0* setcmykcolor*

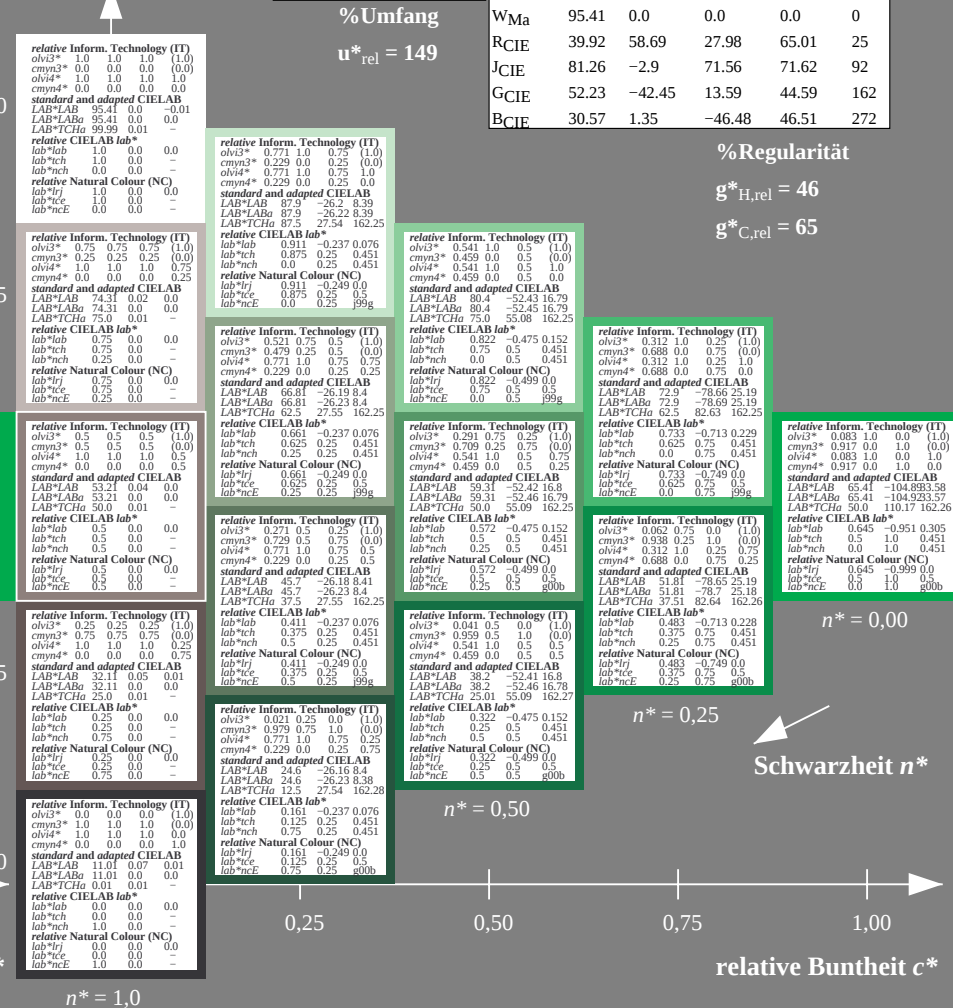
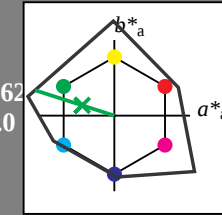
D65: 5stufige Farbreihen und Koordinaten-Daten für 10 Bunttöneoutput: *no change compared to input*

Ausgabe: Farbmatisches 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)

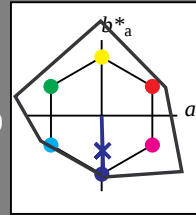
Eingabe: Farbmimetrisches Reflexions-System NCS11

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



1,00

%Umfang

$u^*_{rel} = 149$

0,75

0,50

0,25

0,00

0,00

0,00

0,00

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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

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

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

0,75

0,50

0,25

0,00

0,00

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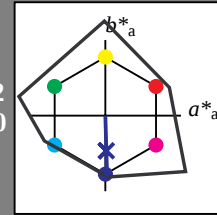
Ausgabe: Farbmimetrisches Reflexions-System NCS11

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



%Umfang

$u^*_{rel} = 149$

0,75

0,50

0,25

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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

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

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

0,75

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

UG490-7, 5 stufige Reihen für konstanten CIELAB Buntton 272/360 = 0.755 (links)

BAM-Prüfvorlage UG49; Farbmimetrik-Systeme NCS11a & NCS11aput: *cmY0* setcmykcolor*

D65: 5stufige Farbreihen und Koordinaten-Daten für 10 Bunttöneoutput: *no change compared to input*