

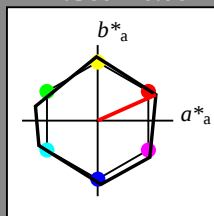
Eingabe: Farbmatisches Reflexions-System NRS11

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
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^*

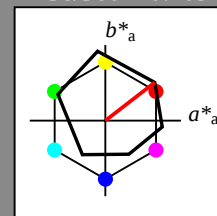
Ausgabe: Farbmatisches Reflexions-System ORS18

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

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

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

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

0,75

0,50

0,25

0,00

0,25

0,50

0,75

1,00

relative Buntheit c^*

$n^* = 1,0$

%Umfang

$u^*_{rel} = 93$

1,00

0,75

0,50

0,25

0,00

0,25

0,50

0,75

1,00

relative Buntheit c^*

$n^* = 1,0$

UG47-7, 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 UG47; Farbmatrik-Systeme NRS11 & ORS18input: `cmY0* setcmykcolor`

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

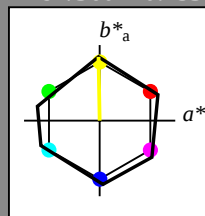
Eingabe: Farbmatisches Reflexions-System NRS11

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
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^*

UG470-7, 5 stufige Reihen für konstanten CIELAB Buntton 91/360 = 0.253 (links)

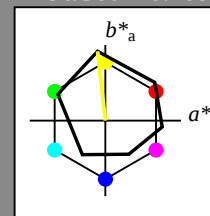
Ausgabe: Farbmatisches Reflexions-System ORS18

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



%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
V _{Ma}	25.71	31.11	-44.42	54.24	305
M _{Ma}	48.13	75.27	-8.35	75.73	354
N _{Ma}	18.01	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
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^*

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

BAM-Prüfvorlage UG47; Farbmatrik-Systeme NRS11 & ORS18input: `cmY0* setcmYcolor`

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

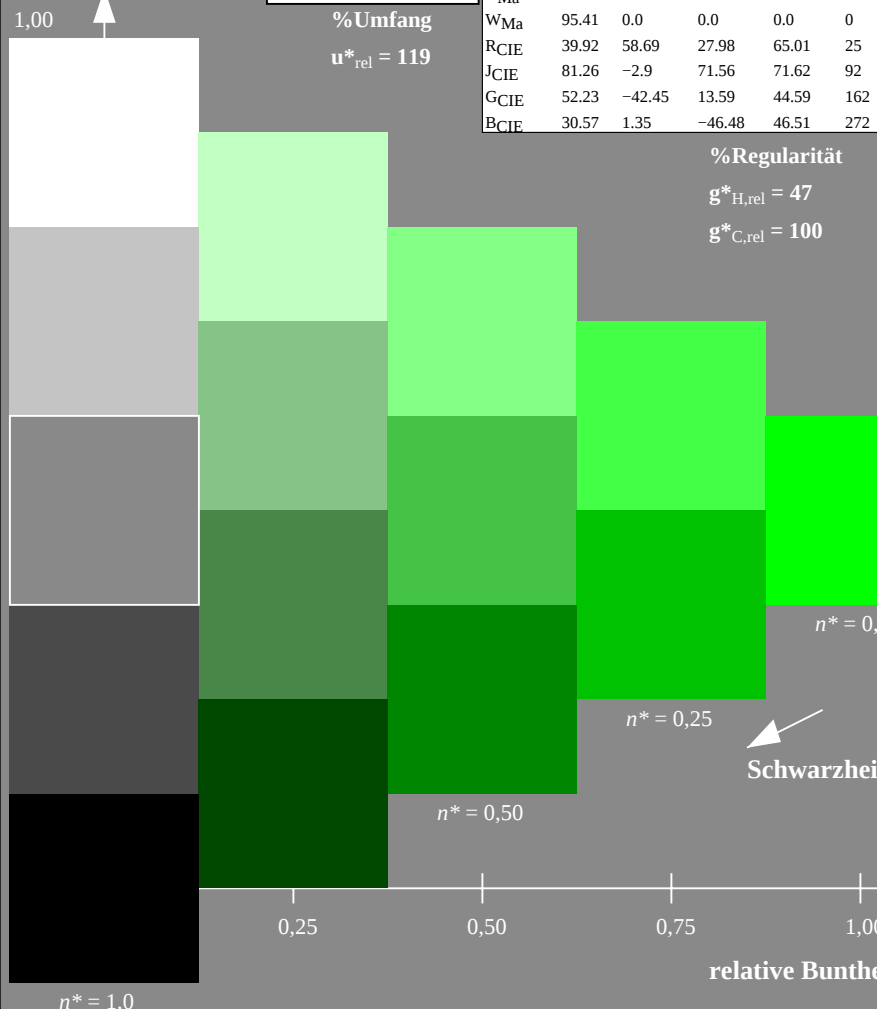
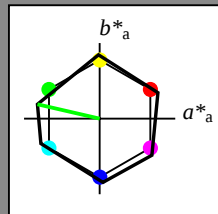
Eingabe: Farbmatisches Reflexions-System NRS11

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



UG470-7, 5 stufige Reihen für konstanten CIELAB Buntton 167/360 = 0.464 (links)

BAM-Prüfvorlage UG47; Farbmatrik-Systeme NRS11 & ORS18input: `cmY0* setcmykcolor`

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

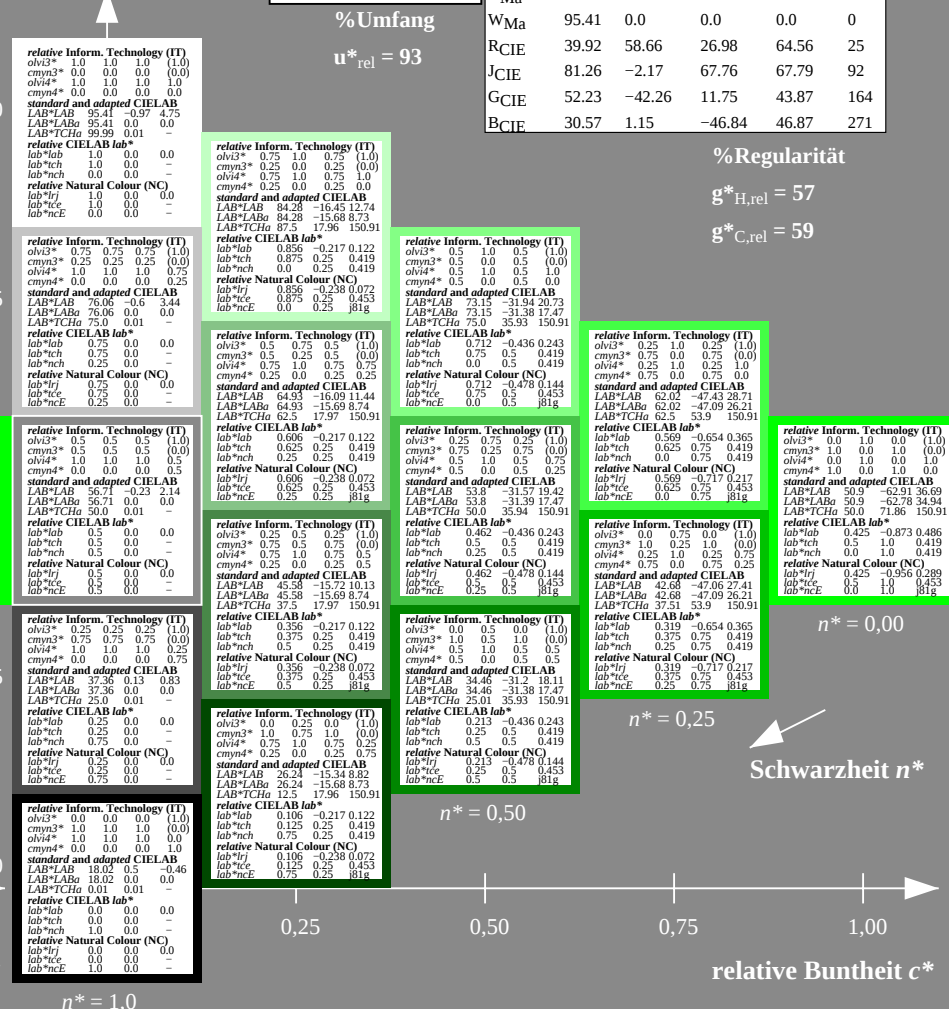
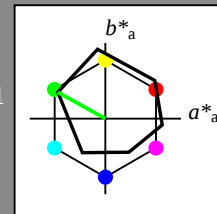
Ausgabe: Farbmatisches Reflexions-System ORS18

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)

ORS18; adaptierte CIELAB-Daten					
	L^*	a^*	b^*	$C^*_{ab,a}$	$h^*_{ab,a}$
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	58.69	27.98	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)					
olvi3*	0.0	0.0	0.0	0.0	0.0
cmY3*	0.0	0.0	0.0	0.0	0.0
olvi4*	0.0	0.0	0.0	0.0	0.0
cmY4*	0.0	0.0	0.0	0.0	0.0
standard and adapted CIELAB					
LAB*LAB	56.71	0.0	0.0	0.0	0.0
LAB*TCha	50.0	0.0	0.0	0.0	0.0
relative CIELAB lab*					
lab*lab	0.0	0.0	0.0	0.0	0.0
lab*tch	0.0	0.0	0.0	0.0	0.0
lab*nch	0.0	0.0	0.0	0.0	0.0
relative Natural Colour (NC)					
lab*lrj	0.0	0.0	0.0	0.0	0.0
lab*nce	0.0	0.0	0.0	0.0	0.0

relative Inform. Technology (IT)					
olvi3*	0.0	0.0	0.0	0.0	0.0
cmY3*	0.0	0.0	0.0	0.0	0.0
olvi4*	0.0	0.0	0.0	0.0	0.0
cmY4*	0.0	0.0	0.0	0.0	0.0
standard and adapted CIELAB					
LAB*LAB	56.71	0.0	0.0	0.0	0.0
LAB*TCha	50.0	0.0	0.0	0.0	0.0
relative CIELAB lab*					
lab*lab	0.0	0.0	0.0	0.0	0.0
lab*tch	0.0	0.0	0.0	0.0	0.0
lab*nch	0.0	0.0	0.0	0.0	0.0
relative Natural Colour (NC)					
lab*lrj	0.0	0.0	0.0	0.0	0.0
lab*nce	0.0	0.0	0.0	0.0	0.0

Eingabe: Farbmatisches Reflexions-System NRS11

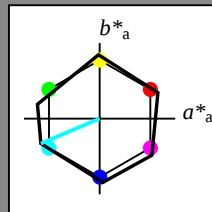
für Buntton $h^* = lab^*h = 203/360 = 0.564$

lab^*tch und lab^*nch

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

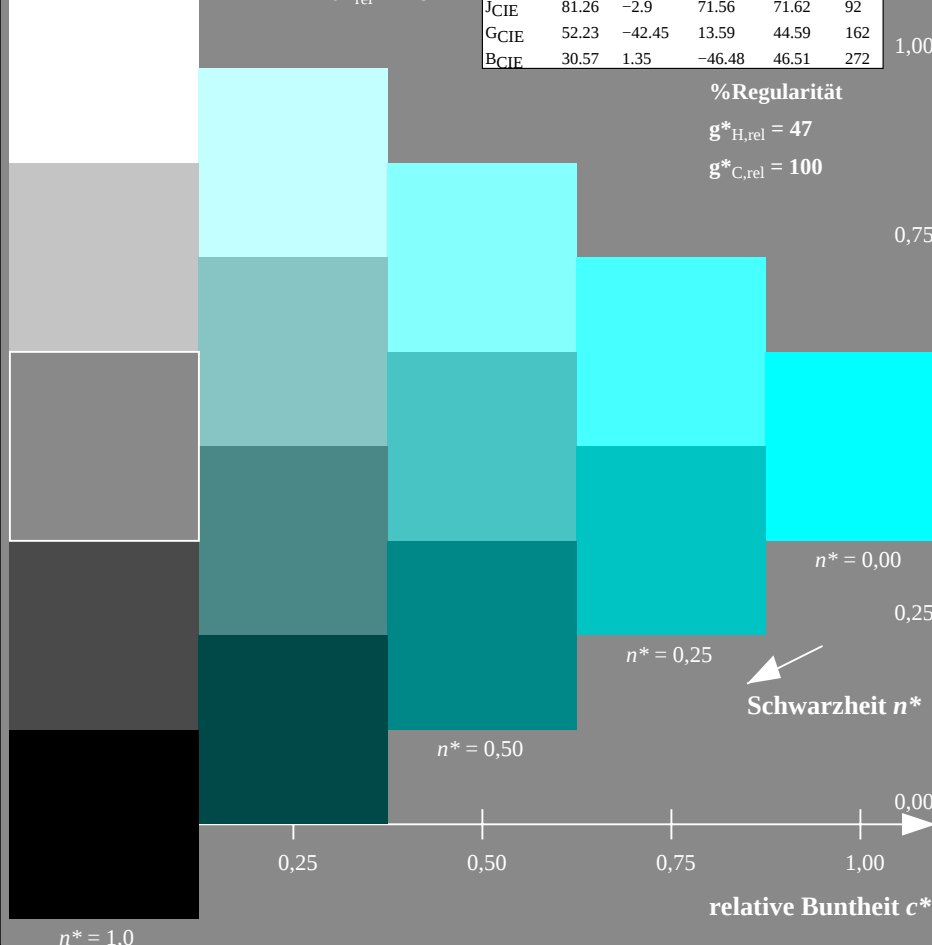
Dreiecks-Helligkeit

1,00



%Umfang

$u^*_{rel} = 119$



UG470-7, 5 stufige Reihen für konstanten CIELAB Buntton 203/360 = 0.564 (links)

BAM-Prüfvorlage UG47; Farbmatrik-Systeme NRS11 & ORS18input: $cmY0^* setcmykcolor$

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

Ausgabe: Farbmatisches Reflexions-System ORS18

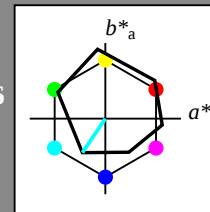
für Buntton $h^* = lab^*h = 236/360 = 0.656$

lab^*tch und lab^*nch

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

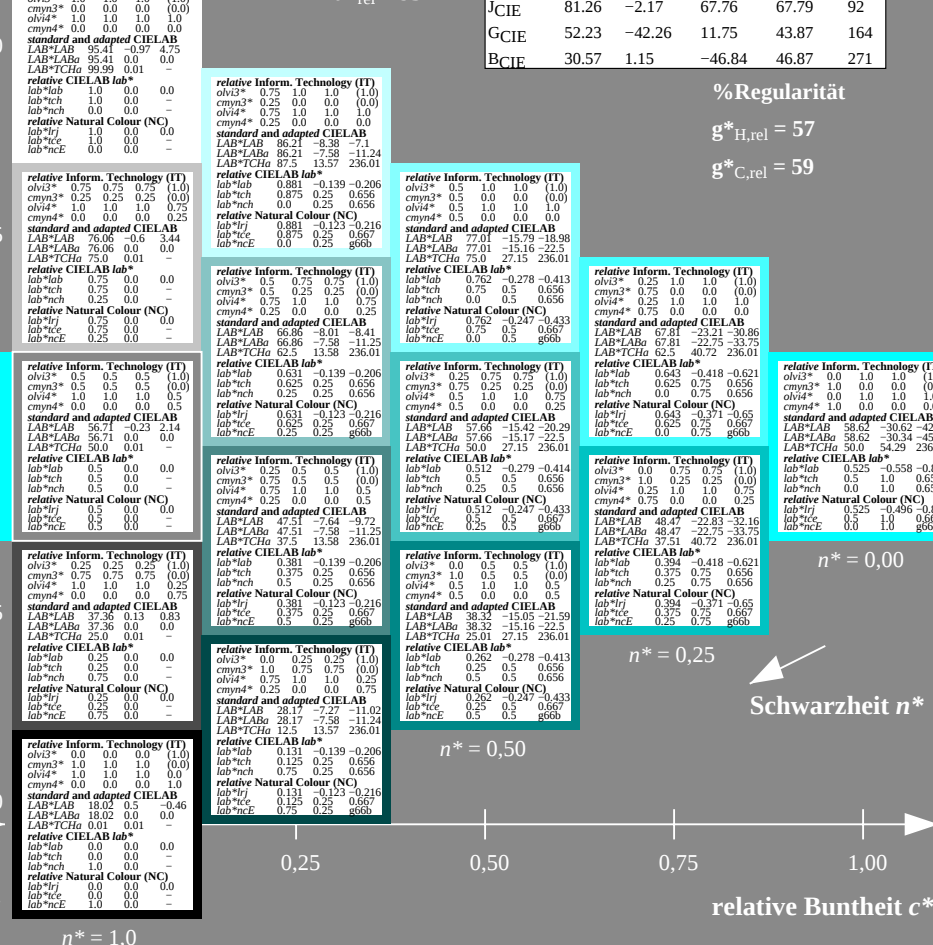
Dreiecks-Helligkeit

1,00



%Umfang

$u^*_{rel} = 93$



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

BAM-Prüfvorlage UG47; Farbmatrik-Systeme NRS11 & ORS18input: $cmY0^* setcmykcolor$

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

Eingabe: Farbmatisches Reflexions-System NRS11

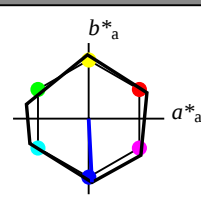
für Buntton $h^* = lab^*h = 273/360 = 0.758$

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

$u^*_{rel} = 119$

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

relative Inform. Technology (IT)					
olvi3*	1.0	1.0	1.0	(1.0)	(0.0)
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	-11.09	11.09
LAB*LABa	95.41	0.0	0.0	0.0	0.0
LAB*LABb	95.41	0.0	0.0	0.0	0.0
LAB*LABc	95.41	0.0	0.0	0.0	0.0
LAB*LABd	95.41	0.0	0.0	0.0	0.0
LAB*LABe	95.41	0.0	0.0	0.0	0.0
LAB*LABf	95.41	0.0	0.0	0.0	0.0
LAB*LABg	95.41	0.0	0.0	0.0	0.0
LAB*LABh	95.41	0.0	0.0	0.0	0.0
LAB*LABi	95.41	0.0	0.0	0.0	0.0
LAB*LABj	95.41	0.0	0.0	0.0	0.0
LAB*LABk	95.41	0.0	0.0	0.0	0.0
LAB*LABl	95.41	0.0	0.0	0.0	0.0
LAB*LABm	95.41	0.0	0.0	0.0	0.0
LAB*LABn	95.41	0.0	0.0	0.0	0.0
LAB*LABo	95.41	0.0	0.0	0.0	0.0
LAB*LABp	95.41	0.0	0.0	0.0	0.0
LAB*LABq	95.41	0.0	0.0	0.0	0.0
LAB*LABr	95.41	0.0	0.0	0.0	0.0
LAB*LABs	95.41	0.0	0.0	0.0	0.0
LAB*LABt	95.41	0.0	0.0	0.0	0.0
LAB*LABu	95.41	0.0	0.0	0.0	0.0
LAB*LABv	95.41	0.0	0.0	0.0	0.0
LAB*LABw	95.41	0.0	0.0	0.0	0.0
LAB*LABx	95.41	0.0	0.0	0.0	0.0
LAB*LABy	95.41	0.0	0.0	0.0	0.0
LAB*LABz	95.41	0.0	0.0	0.0	0.0

relative Inform. Technology (IT)					
olvi3*	0.75	0.75	0.75	(1.0)	(0.0)
cmyn3*	0.25	0.25	0.25	0.25	(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	76.06	-0.6	3.44	-11.09	11.09
LAB*LABa	76.06	0.0	0.0	0.0	0.0
LAB*LABb	76.06	0.0	0.0	0.0	0.0
LAB*LABc	76.06	0.0	0.0	0.0	0.0
LAB*LABd	76.06	0.0	0.0	0.0	0.0
LAB*LABe	76.06	0.0	0.0	0.0	0.0
LAB*LABf	76.06	0.0	0.0	0.0	0.0
LAB*LABg	76.06	0.0	0.0	0.0	0.0
LAB*LABh	76.06	0.0	0.0	0.0	0.0
LAB*LABi	76.06	0.0	0.0	0.0	0.0
LAB*LABj	76.06	0.0	0.0	0.0	0.0
LAB*LABk	76.06	0.0	0.0	0.0	0.0
LAB*LABl	76.06	0.0	0.0	0.0	0.0
LAB*LABm	76.06	0.0	0.0	0.0	0.0
LAB*LABn	76.06	0.0	0.0	0.0	0.0
LAB*LABo	76.06	0.0	0.0	0.0	0.0
LAB*LABp	76.06	0.0	0.0	0.0	0.0
LAB*LABq	76.06	0.0	0.0	0.0	0.0
LAB*LABr	76.06	0.0	0.0	0.0	0.0
LAB*LABs	76.06	0.0	0.0	0.0	0.0
LAB*LABt	76.06	0.0	0.0	0.0	0.0
LAB*LABu	76.06	0.0	0.0	0.0	0.0
LAB*LABv	76.06	0.0	0.0	0.0	0.0
LAB*LABw	76.06	0.0	0.0	0.0	0.0
LAB*LABx	76.06	0.0	0.0	0.0	0.0
LAB*LABy	76.06	0.0	0.0	0.0	0.0
LAB*LABz	76.06	0.0	0.0	0.0	0.0

relative Inform. Technology (IT)					
olvi3*	0.5	0.5	0.5	(1.0)	(0.0)
cmyn3*	0.5	0.5	0.5	0.5	(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	56.71	0.23	2.14	-11.09	11.09
LAB*LABa	56.71	0.0	0.0	0.0	0.0
LAB*LABb	56.71	0.0	0.0	0.0	0.0
LAB*LABc	56.71	0.0	0.0	0.0	0.0
LAB*LABd	56.71	0.0	0.0	0.0	0.0
LAB*LABe	56.71	0.0	0.0	0.0	0.0
LAB*LABf	56.71	0.0	0.0	0.0	0.0
LAB*LABg	56.71	0.0	0.0	0.0	0.0
LAB*LABh	56.71	0.0	0.0	0.0	0.0
LAB*LABi	56.71	0.0	0.0	0.0	0.0
LAB*LABj	56.71	0.0	0.0	0.0	0.0
LAB*LABk	56.71	0.0	0.0	0.0	0.0
LAB*LABl	56.71	0.0	0.0	0.0	0.0
LAB*LABm	56.71	0.0	0.0	0.0	0.0
LAB*LABn	56.71	0.0	0.0	0.0	0.0
LAB*LABo	56.71	0.0	0.0	0.0	0.0
LAB*LABp	56.71	0.0	0.0	0.0	0.0
LAB*LABq	56.71	0.0	0.0	0.0	0.0
LAB*LABr	56.71	0.0	0.0	0.0	0.0
LAB*LABs	56.71	0.0	0.0	0.0	0.0
LAB*LABt	56.71	0.0	0.0	0.0	0.0
LAB*LABu	56.71	0.0	0.0	0.0	0.0
LAB*LABv	56.71	0.0	0.0	0.0	0.0
LAB*LABw	56.71	0.0	0.0	0.0	0.0
LAB*LABx	56.71	0.0	0.0	0.0	0.0
LAB*LABy	56.71	0.0	0.0	0.0	0.0
LAB*LABz	56.71	0.0	0.0	0.0	0.0

relative Inform. Technology (IT)					
olvi3*	0.25	0.25	0.25	(1.0)	(0.0)
cmyn3*	0.25	0.25	0.25	0.25	(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	37.36	0.13	0.83	-11.09	11.09
LAB*LABa	37.36	0.0	0.0	0.0	0.0
LAB*LABb	37.36	0.0	0.0	0.0	0.0
LAB*LABc	37.36	0.0	0.0	0.0	0.0
LAB*LABd	37.36	0.0	0.0	0.0	0.0
LAB*LABe	37.36	0.0	0.0	0.0	0.0
LAB*LABf	37.36	0.0	0.0	0.0	0.0
LAB*LABg	37.36	0.0	0.0	0.0	0.0
LAB*LABh	37.36	0.0	0.0	0.0	0.0
LAB*LABi	37.36	0.0	0.0	0.0	0.0
LAB*LABj	37.36	0.0	0.0	0.0	0.0
LAB*LABk	37.36	0.0	0.0	0.0	0.0
LAB*LABl	37.36	0.0	0.0	0.0	0.0
LAB*LABm	37.36	0.0	0.0	0.0	0.0
LAB*LABn	37.36	0.0	0.0	0.0	0.0
LAB*LABo	37.36	0.0	0.0	0.0	0.0
LAB*LABp	37.36	0.0	0.0	0.0	0.0
LAB*LABq	37.36	0.0	0.0	0.0	0.0
LAB*LABr	37.36	0.0	0.0	0.0	0.0
LAB*LABs	37.36	0.0	0.0	0.0	0.0
LAB*LABt	37.36	0.0	0.0	0.0	0.0
LAB*LABu	37.36	0.0	0.0	0.0	0.0
LAB*LABv	37.36	0.0	0.0	0.0	0.0
LAB*LABw	37.36	0.0	0.0	0.0	0.0
LAB*LABx	37.36	0.0	0.0	0.0	0.0
LAB*LABy	37.36	0.0	0.0	0.0	0.0
LAB*LABz	37.36	0.0	0.0	0.0	0.0

relative Inform. Technology (IT)					
olvi3*	0.0	0.0	0.0	(1.0)	(0.0)
cmyn3*	1.0	1.0	1.0	1.0	(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	18.02	0.5	-0.46	-11.09	11.09
LAB*LABa	18.02	0.0	0.0	0.0	0.0
LAB*LABb	18.02	0.0	0.0	0.0	0.0
LAB*LABc	18.02	0.0	0.0	0.0	0.0
LAB*LABd	18.02	0.0	0.0	0.0	0.0
LAB*LABe	18.02	0.0	0.0	0.0	0.0
LAB*LABf	18.02	0.0	0.0	0.0	0.0
LAB*LABg	18.02	0.0	0.0	0.0	0.0
LAB*LABh	18.02	0.0	0.0	0.0	0.0
LAB*LABi	18.02	0.0	0.0	0.0	0.0
LAB*LABj	18.02	0.0	0.0	0.0	0.0
LAB*LABk	18.02	0.0	0.0	0.0	0.0
LAB*LABl	18.02	0.0	0.0	0.0	0.0
LAB*LABm	18.02	0.0	0.0	0.0	0.0
LAB*LABn	18.02	0.0	0.0	0.0	0.0
LAB*LABo	18.02	0.0	0.0	0.0	0.0
LAB*LABp	18.02	0.0	0.0	0.0	0.0
LAB*LABq	18.02	0.0	0.0	0.0	0.0
LAB*LABr	18.02	0.0	0.0	0.0	0.0
LAB*LABs	18.02	0.0	0.0	0.0	0.0
LAB*LABt	18.02	0.0	0.0	0.0	0.0
LAB*LABu	18.02	0.0	0.0	0.0	0.0
LAB*LABv	18.02	0.0	0.0	0.0	0.0
LAB*LABw	18.02	0.0	0.0	0.0	0.0
LAB*LABx	18.02	0.0	0.0	0.0	0.0
LAB*LABy	18.02	0.0	0.0	0.0	0.0
LAB*LABz	18.02	0.0	0.0	0.0	0.0

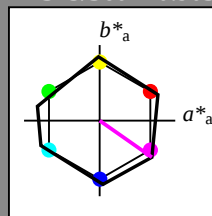
relative Inform. Technology (IT)					
olvi3*	0.0	0.0	0.0	(1.0)	(0.0)
cmyn3*	1.0	1.0	1.0	1.0	(0.0)
olvi4*	1.0	1.0	1.0	1.0	(0.0)
cmyn4*	0.0	0.0	0.0	0.0	(0.0)
standard and adapted CIELAB					
LAB*LAB	0.01	0.0	0.0	-11.09	11.09
LAB*LABa	0.01	0.0	0.0	0.0	0.0
LAB*LABb	0.01	0.0	0.0	0.0	0.0
LAB*LABc	0.01	0.0	0.0	0.0	0.0
LAB*LABd	0.01	0.0	0.0	0.0	0.0
LAB*LABe	0.01	0.0	0.0	0.0	0.0
LAB*LABf	0.01	0.0	0.0	0.0	0.0
LAB*LABg	0.01	0.0	0.0	0.0	0.0
LAB*LABh	0.01	0.0	0.0	0.0	0.0
LAB*LABi	0.01	0.0	0.0	0.0	0.0
LAB*LABj	0.01	0.0	0.0	0.0	0.0
LAB*LABk	0.01	0.0	0.0	0.0	0.0
LAB*LABl	0.01	0.0	0.0	0.0	0.0
LAB*LABm	0.01	0.0	0.0	0.0	0.0
LAB*LABn	0.01	0.0	0.0	0.0	0.0
LAB*LABo	0.01	0.0	0.0	0.0	0.0
LAB*LABp	0.01	0.0	0.0	0.0	0.0
LAB*LABq	0.01	0.0	0.0	0.0	0.0
LAB*LABr	0.01	0.0	0.0	0.0	0.0
LAB*LABs	0.01	0.0	0.0	0.0	0.

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

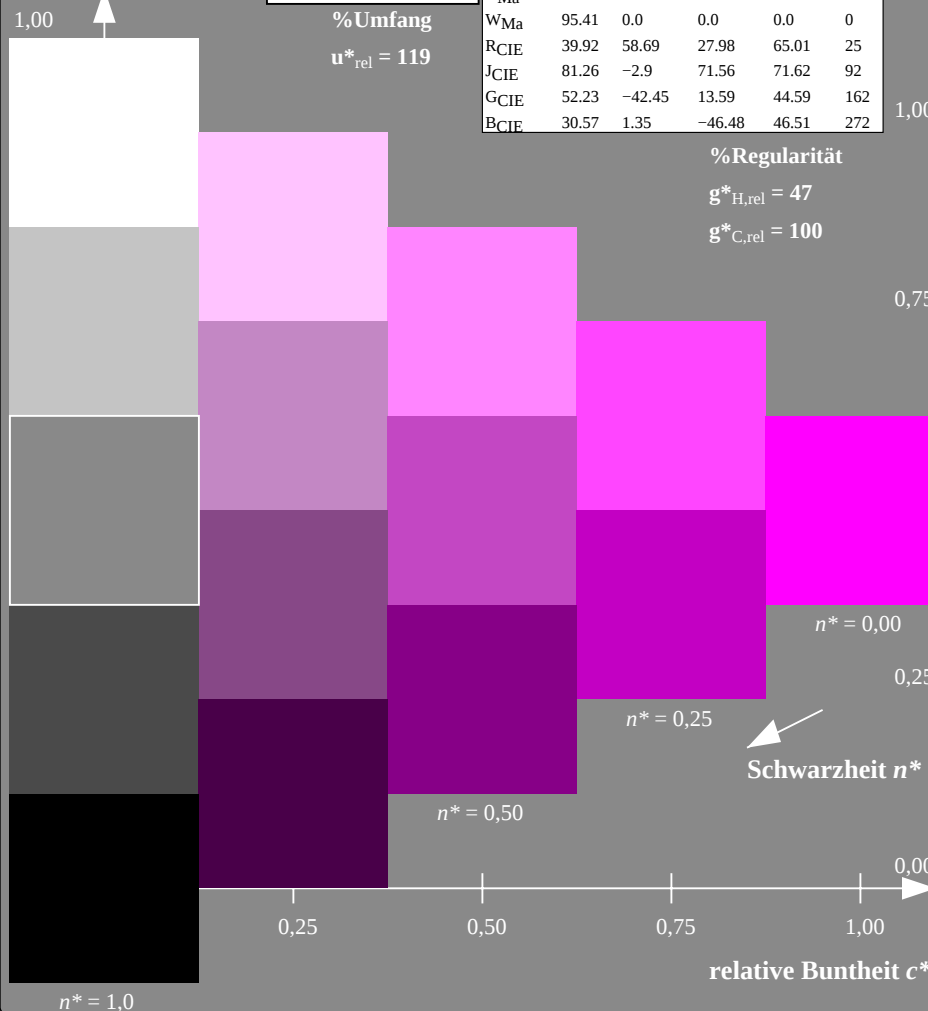


NRS11; adaptierte CIELAB-Daten					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
RMa	53.2	77.06	34.32	84.36	24
JMa	53.2	-1.51	84.38	84.39	91
GMa	53.2	-82.27	18.98	84.44	167
G50B _{Ma}	53.2	-77.72	-32.98	84.44	203
B _{Ma}	53.2	4.37	-84.28	84.41	273
B50R _{Ma}	53.2	69.09	-48.41	84.37	325
N _{Ma}	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

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

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



UG470-7, 5 stufige Reihen für konstanten CIELAB Buntton 325/360 = 0.903 (links)

BAM-Prüfvorlage UG47; Farbmatrik-Systeme NRS11 & ORS18input: `cmY0* setcmYcolor`

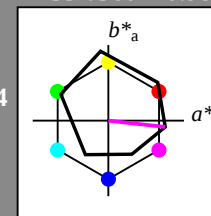
D65: 5stufige Farbreihen und Koordinaten-Daten für 10 Bunttöneoutput: `olV* setrgbcolor / w* setgray`

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

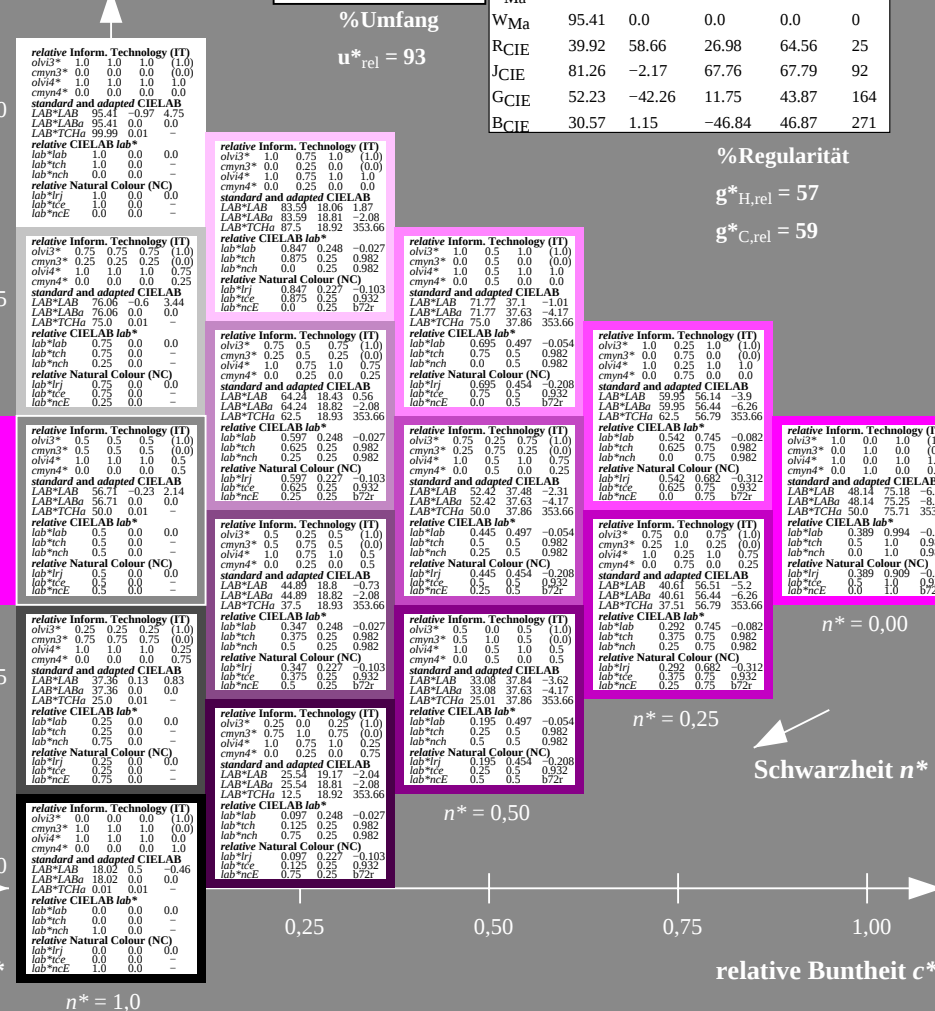


ORS18; adaptierte CIELAB-Daten					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
OMa	47.94	65.37	50.52	82.62	38
YMa	90.37	-10.27	91.77	92.34	96
LMa	50.9	-62.79	34.95	71.87	151
CMa	58.62	-30.35	-45.01	54.3	236
V _{Ma}	25.71	31.11	-44.42	54.24	305
M _{Ma}	48.13	75.27	-8.35	75.73	354
N _{Ma}	18.01	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
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

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

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



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

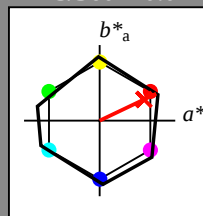
Eingabe: Farbmatisches Reflexions-System NRS11

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
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

$n^* = 0,25$

$n^* = 0,50$

$n^* = 1,0$

relative Buntheit c^*

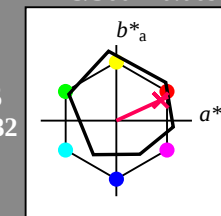
Ausgabe: Farbmatisches Reflexions-System ORS18

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



%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
V _{Ma}	25.71	31.11	-44.42	54.24	305
M _{Ma}	48.13	75.27	-8.35	75.73	354
N _{Ma}	18.01	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
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^*

UG470-7, 5 stufige Reihen für konstanten CIELAB Buntton 25/360 = 0.071 (links)

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

BAM-Prüfvorlage UG47; Farbmatrik-Systeme NRS11 & ORS18input: `cmv0* setcmvcolor`

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

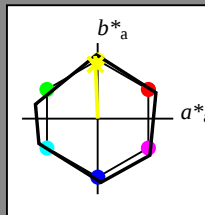
Eingabe: Farbmatisches Reflexions-System NRS11

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
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

$n^* = 0,25$

$n^* = 0,50$

$n^* = 1,0$

relative Buntheit c^*

UG470-7, 5 stufige Reihen für konstanten CIELAB Buntton 92/360 = 0.256 (links)

BAM-Prüfvorlage UG47; Farbmatrik-Systeme NRS11 & ORS18input: $cmY0^* setcmykcolor$

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

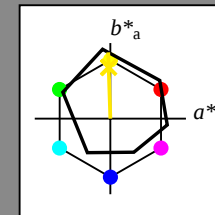
Ausgabe: Farbmatisches Reflexions-System ORS18

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
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

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

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

$n^* = 0,00$

0,25

$n^* = 0,25$

$n^* = 0,50$

$n^* = 1,0$

relative Buntheit c^*

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

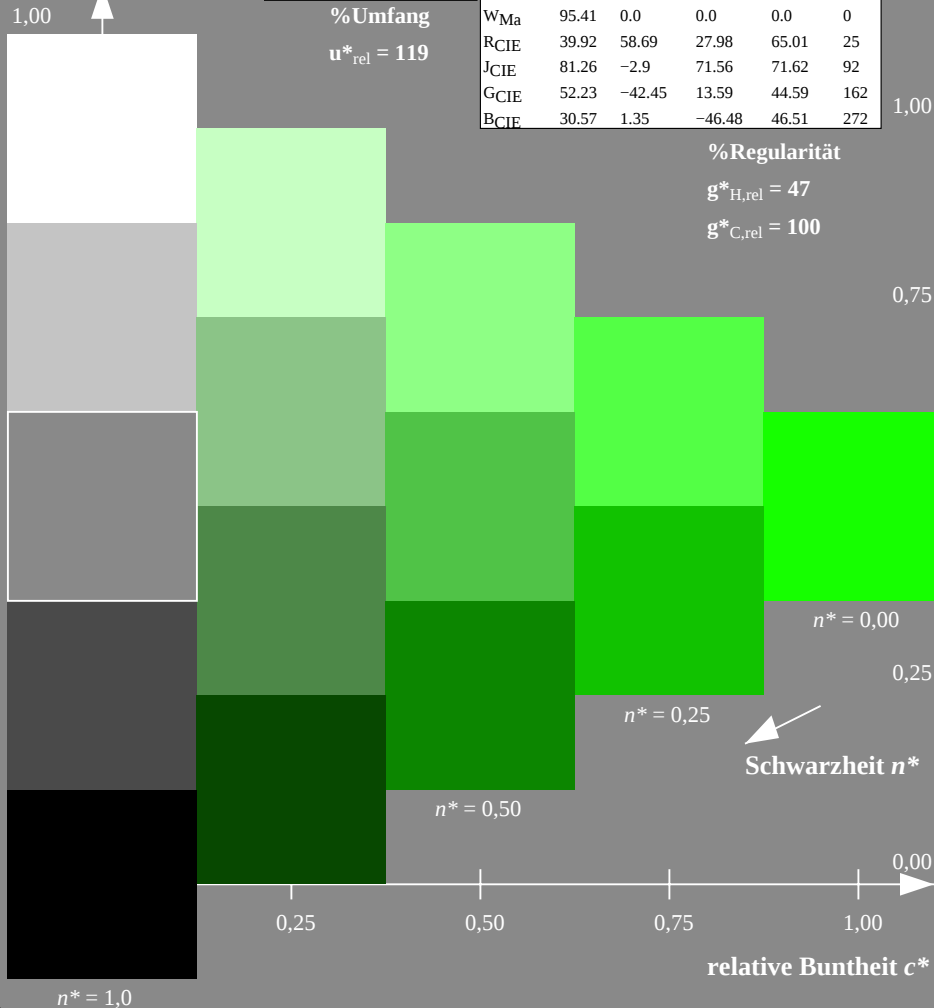
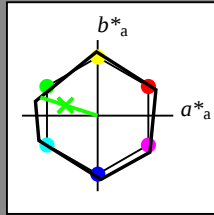
Eingabe: Farbmatisches Reflexions-System NRS11

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



UG470-7, 5 stufige Reihen für konstanten CIELAB Buntton 162/360 = 0.451 (links)

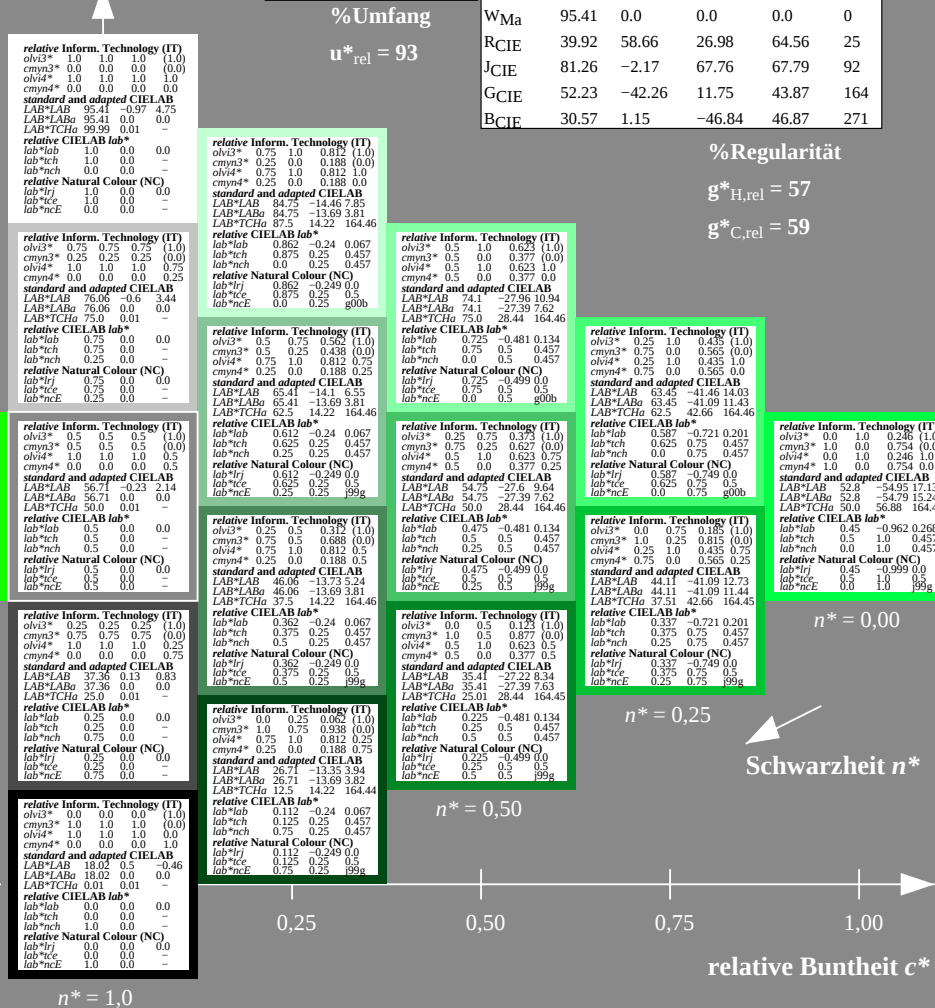
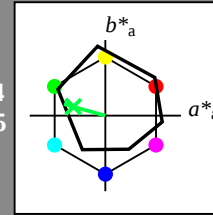
Ausgabe: Farbmatisches Reflexions-System ORS18

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)

BAM-Prüfvorlage UG47; Farbmatrik-Systeme NRS11 & ORS18
input: `cmY0* setcmykcolor`
D65: 5stufige Farbreihen und Koordinaten-Daten für 10 Bunttöne
output: `olv* setrgbcolor / w* setgray`

Eingabe: Farbmatisches Reflexions-System NRS11

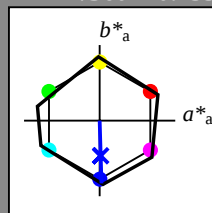
für Buntton $h^* = lab^*h = 272/360 = 0.755$

lab^*tch und lab^*nch

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

Dreiecks-Helligkeit

1,00



%Umfang

$u^*_{rel} = 119$

NRS11; adaptierte CIELAB-Daten					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
RMa	53.2	77.06	34.32	84.36	24
JMa	53.2	-1.51	84.38	84.39	91
GMa	53.2	-82.27	18.98	84.44	167
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

relative Inform. Technology (IT)					
olvi3*	1.0	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	1.0
cmyn4*	0.0	0.0	0.0	0.0	0.0
standard and adapted CIELAB					
LAB*LAB	95.41	-0.97	4.75	46.51	272
LAB*LABa	95.41	0.0	0.0	0.0	0.0
LAB*LABb	95.41	0.0	0.0	0.0	0.0
LAB*LABc	95.41	0.0	0.0	0.0	0.0
LAB*LABd	95.41	0.0	0.0	0.0	0.0
LAB*LABe	95.41	0.0	0.0	0.0	0.0
LAB*LABf	95.41	0.0	0.0	0.0	0.0
LAB*LABg	95.41	0.0	0.0	0.0	0.0
LAB*LABh	95.41	0.0	0.0	0.0	0.0
LAB*LABi	95.41	0.0	0.0	0.0	0.0
LAB*LABj	95.41	0.0	0.0	0.0	0.0
LAB*LABk	95.41	0.0	0.0	0.0	0.0
LAB*LABl	95.41	0.0	0.0	0.0	0.0
LAB*LABm	95.41	0.0	0.0	0.0	0.0
LAB*LABn	95.41	0.0	0.0	0.0	0.0
LAB*LABo	95.41	0.0	0.0	0.0	0.0
LAB*LABp	95.41	0.0	0.0	0.0	0.0
LAB*LABq	95.41	0.0	0.0	0.0	0.0
LAB*LABr	95.41	0.0	0.0	0.0	0.0
LAB*LABs	95.41	0.0	0.0	0.0	0.0
LAB*LABt	95.41	0.0	0.0	0.0	0.0
LAB*LABu	95.41	0.0	0.0	0.0	0.0
LAB*LABv	95.41	0.0	0.0	0.0	0.0
LAB*LABw	95.41	0.0	0.0	0.0	0.0
LAB*LABx	95.41	0.0	0.0	0.0	0.0
LAB*LABy	95.41	0.0	0.0	0.0	0.0
LAB*LABz	95.41	0.0	0.0	0.0	0.0

relative Inform. Technology (IT)					
olvi3*	0.5	0.75	0.75	1.0	1.0
cmyn3*	0.25	0.25	0.25	0.25	0.25
olvi4*	1.0	1.0	1.0	1.0	1.0
cmyn4*	0.0	0.0	0.0	0.0	0.0
standard and adapted CIELAB					
LAB*LAB	76.06	-0.6	3.44	46.51	272
LAB*LABa	76.06	0.0	0.0	0.0	0.0
LAB*LABb	76.06	0.0	0.0	0.0	0.0
LAB*LABc	76.06	0.0	0.0	0.0	0.0
LAB*LABd	76.06	0.0	0.0	0.0	0.0
LAB*LABe	76.06	0.0	0.0	0.0	0.0
LAB*LABf	76.06	0.0	0.0	0.0	0.0
LAB*LABg	76.06	0.0	0.0	0.0	0.0
LAB*LABh	76.06	0.0	0.0	0.0	0.0
LAB*LABi	76.06	0.0	0.0	0.0	0.0
LAB*LABj	76.06	0.0	0.0	0.0	0.0
LAB*LABk	76.06	0.0	0.0	0.0	0.0
LAB*LABl	76.06	0.0	0.0	0.0	0.0
LAB*LABm	76.06	0.0	0.0	0.0	0.0
LAB*LABn	76.06	0.0	0.0	0.0	0.0
LAB*LABo	76.06	0.0	0.0	0.0	0.0
LAB*LABp	76.06	0.0	0.0	0.0	0.0
LAB*LABq	76.06	0.0	0.0	0.0	0.0
LAB*LABr	76.06	0.0	0.0	0.0	0.0
LAB*LABs	76.06	0.0	0.0	0.0	0.0
LAB*LABt	76.06	0.0	0.0	0.0	0.0
LAB*LABu	76.06	0.0	0.0	0.0	0.0
LAB*LABv	76.06	0.0	0.0	0.0	0.0
LAB*LABw	76.06	0.0	0.0	0.0	0.0
LAB*LABx	76.06	0.0	0.0	0.0	0.0
LAB*LABy	76.06	0.0	0.0	0.0	0.0
LAB*LABz	76.06	0.0	0.0	0.0	0.0

relative Inform. Technology (IT)					
olvi3*	0.5	0.75	0.75	1.0	1.0
cmyn3*	0.25	0.25	0.25	0.25	0.25
olvi4*	1.0	1.0	1.0	1.0	1.0
cmyn4*	0.0	0.0	0.0	0.0	0.0
standard and adapted CIELAB					
LAB*LAB	56.71	0.23	2.14	46.51	272
LAB*LABa	56.71	0.0	0.0	0.0	0.0
LAB*LABb	56.71	0.0	0.0	0.0	0.0
LAB*LABc	56.71	0.0	0.0	0.0	0.0
LAB*LABd	56.71	0.0	0.0	0.0	0.0
LAB*LABe	56.71	0.0	0.0	0.0	0.0
LAB*LABf	56.71	0.0	0.0	0.0	0.0
LAB*LABg	56.71	0.0	0.0	0.0	0.0
LAB*LABh	56.71	0.0	0.0	0.0	0.0
LAB*LABi	56.71	0.0	0.0	0.0	0.0
LAB*LABj	56.71	0.0	0.0	0.0	0.0
LAB*LABk	56.71	0.0	0.0	0.0	0.0
LAB*LABl	56.71	0.0	0.0	0.0	0.0
LAB*LABm	56.71	0.0	0.0	0.0	0.0
LAB*LABn	56.71	0.0	0.0	0.0	0.0
LAB*LABo	56.71	0.0	0.0	0.0	0.0
LAB*LABp	56.71	0.0	0.0	0.0	0.0
LAB*LABq	56.71	0.0	0.0	0.0	0.0
LAB*LABr	56.71	0.0	0.0	0.0	0.0
LAB*LABs	56.71	0.0	0.0	0.0	0.0
LAB*LABt	56.71	0.0	0.0	0.0	0.0
LAB*LABu	56.71	0.0	0.0	0.0	0.0
LAB*LABv	56.71	0.0	0.0	0.0	0.0
LAB*LABw	56.71	0.0	0.0	0.0	0.0
LAB*LABx	56.71	0.0	0.0	0.0	0.0
LAB*LABy	56.71	0.0	0.0	0.0	0.0
LAB*LABz	56.71	0.0	0.0	0.0	0.0

relative Inform. Technology (IT)					
olvi3*	0.25	0.25	0.25	0.25	0.25
cmyn3*	0.75	0.75	0.75	0.75	0.75
olvi4*	1.0	1.0	1.0	1.0	1.0
cmyn4*	0.0	0.0	0.0	0.0	0.0
standard and adapted CIELAB					
LAB*LAB	37.36	0.13	0.83	46.51	272
LAB*LABa	37.36	0.0	0.0	0.0	0.0
LAB*LABb	37.36	0.0	0.0	0.0	0.0
LAB*LABc	37.36	0.0	0.0	0.0	0.0
LAB*LABd	37.36	0.0	0.0	0.0	0.0
LAB*LABe	37.36	0.0	0.0	0.0	0.0
LAB*LABf	37.36	0.0	0.0	0.0	0.0
LAB*LABg	37.36	0.0	0.0	0.0	0.0
LAB*LABh	37.36	0.0	0.0	0.0	0.0
LAB*LABi	37.36	0.0	0.0	0.0	0.0
LAB*LABj	37.36	0.0	0.0	0.0	0.0
LAB*LABk	37.36	0.0	0.0	0.0	0.0
LAB*LABl	37.36	0.0	0.0	0.0	0.0
LAB*LABm	37.36	0.0	0.0	0.0	0.0
LAB*LABn	37.36	0.0	0.0	0.0	0.0
LAB*LABo	37.36	0.0	0.0	0.0	0.0
LAB*LABp	37.36	0.0	0.0	0.0	0.0
LAB*LABq	37.36	0.0	0.0	0.0	0.0
LAB*LABr	37.36	0.0	0.0	0.0	0.0
LAB*LABs	37.36	0.0	0.0	0.0	0.0
LAB*LABt	37.36	0.0	0.0	0.0	0.0
LAB*LABu	37.36	0.0	0.0	0.0	0.0
LAB*LABv	37.36	0.0	0.0	0.0	0.0
LAB*LABw	37.36	0.0	0.0	0.0	0.0
LAB*LABx	37.36	0.0	0.0	0.0	0.0
LAB*LABy	37.36	0.0	0.0	0.0	0.0
LAB*LABz	37.36	0.0	0.0	0.0	0.0

relative Inform. Technology (IT)					
olvi3*	0.0	0.0	0.0	0.0	0.0
cmyn3*	1.0	1.0	1.0	1.0	1.0
olvi4*	1.0	1.0	1.0	1.0	1.0
cmyn4*	0.0	0.0	0.0	0.0	0.0
standard and adapted CIELAB					
LAB*LAB	18.02	0.0	0.46	46.51	272
LAB*LABa	18.02	0.0	0.0	0.0	0.0
LAB*LABb	18.02	0.0	0.0	0.0	0.0
LAB*LABc	18.02	0.0	0.0	0.0	0.0
LAB*LABd	18.02	0.0	0.0	0.0	0.0
LAB*LABe	18.02	0.0	0.0	0.0	0.0
LAB*LABf	18.02	0.0	0.0	0.0	0.0
LAB*LABg	18.02	0.0	0.0	0.0	0.0
LAB*LABh	18.02	0.0	0.0	0.0	0.0
LAB*LABi	18.02	0.0	0.0	0.0	0.0
LAB*LABj	18.02	0.0	0.0	0.0	0.0
LAB*LABk	18.02	0.0	0.0	0.0	0.0
LAB*LABl	18.02	0.0	0.0	0.0	0.0
LAB*LABm	18.02	0.0	0.0	0.0	0.0
LAB*LABn	18.02	0.0	0.0	0.0	0.0
LAB*LABo	18.02	0.0	0.0	0.0	0.0
LAB*LABp	18.02	0.0	0.0	0.0	0.0
LAB*LABq	18.02	0.0	0.0	0.0	0.0
LAB*LABr	18.02	0.0	0.0	0.0	0.0
LAB*LABs	18.02	0.0	0.0	0.0	0.0
LAB*LABt	18.02	0.0	0.0	0.0	0.0
LAB*LABu	18.02	0.0	0.0	0.0	0.0
LAB*LABv	18.02	0.0	0.0	0.0	0.0
LAB*LABw	18.02	0.0	0.0	0.0	0.0
LAB*LABx	18.02	0.0	0.0	0.0	0.0
LAB*LABy	18.02	0.0	0.0	0.0	0.0
LAB*LABz	18.02	0.0	0.0	0.0	0.0

relative Inform. Technology (IT)					
olvi3*	0.0	0.0	0.0	0.0	0.0
cmyn3*	1.0	1.0	1.0	1.0	1.0
olvi4*	1.0	1.0	1.0	1.0	1.0
cmyn4*	0.0	0.0	0.0	0.0	0.0
standard and adapted CIELAB					
LAB*LAB	0.01	0.0	0.0	46.51	272
LAB*LABa	0.01	0.0	0.0	0.0	0.0
LAB*LABb	0.01	0.0	0.0	0.0	0.0
LAB*LABc	0.01	0.0	0.0	0.0	0.0
LAB*LABd	0.01	0.0	0.0	0.0	0.0
LAB*LABe	0.01	0.0	0.0	0.0	0.0
LAB*LABf	0.01	0.0	0.0	0.0	0.0
LAB*LABg	0.01	0.0	0.0	0.0	0.0
LAB*LABh	0.01	0.0	0.0	0.0	0.0
LAB*LABi	0.01	0.0	0.0	0.0	0.0
LAB*LABj	0.01	0.0	0.0	0.0	0.0
LAB*LABk	0.01	0.0	0.0	0.0	0.0
LAB*LABl	0.01	0.0	0.0	0.0	0.0
LAB*LABm	0.01	0.0	0.0	0.0	0.0
LAB*LABn	0.01	0.0	0.0	0.0	0.0
LAB*LABo	0.01	0.0	0.0	0.0	0.0
LAB*LABp	0.01	0.0	0.0	0.0	0.0
LAB*LABq	0.01	0.0	0.0	0.0	0.0
LAB*LABr	0.01	0.0	0.0	0.0	0.0
LAB*LABs	0.01	0.0	0.0	0.0	0.0