

Eingabe: Farbmatisches Offset-Reflektiv-System ORS18

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

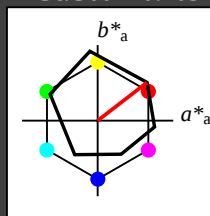
lab^*tch und lab^*nch

D65: Buntton O

LCH*Ma: 48 83 38

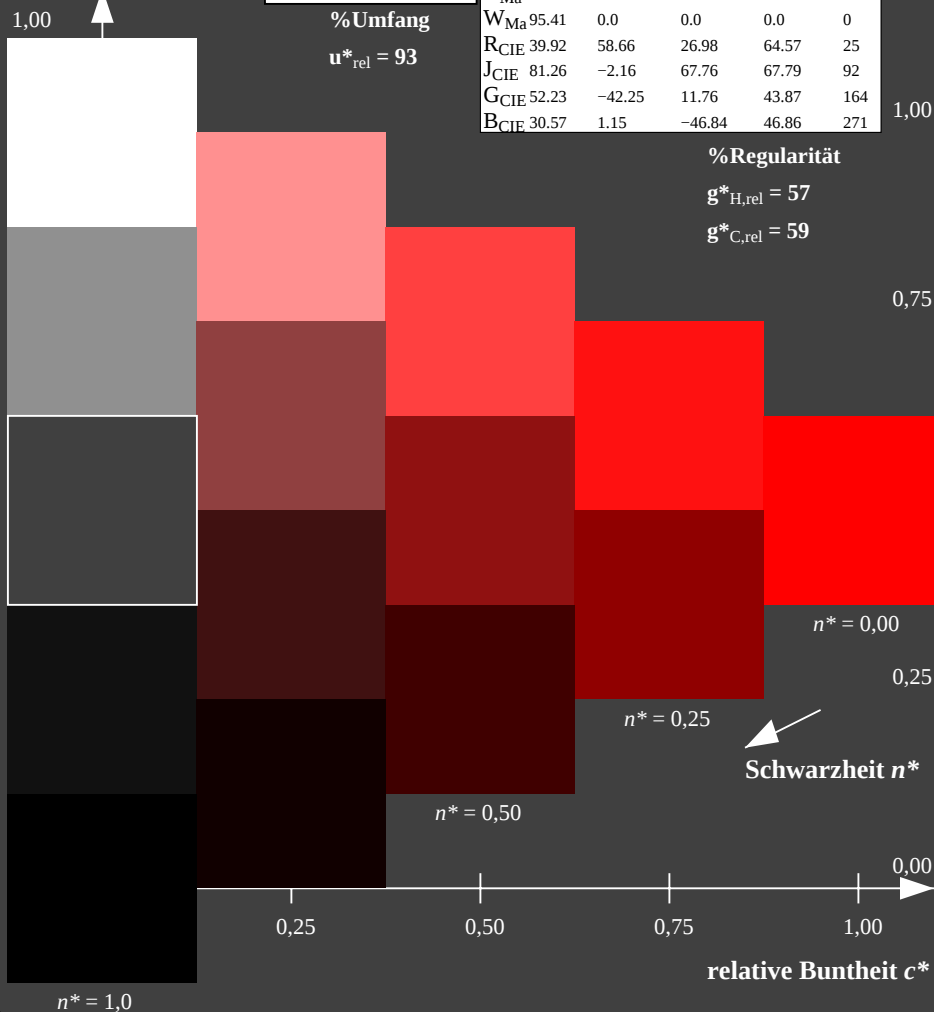
olv*Ma: 1.0 0.0 0.0

Dreiecks-Helligkeit



%Umfang

$u^*_{rel} = 93$



NG440-7, 5 stufige Reihen für konstanten CIELAB Buntton 38/360 = 0.105 (links)

BAM-Prüfvorlage NG44; Farbmatrik-Systeme ORS18 & ORS18input: olv* setrgbcolor

D65: 5stufige Farbreihen und Koordinatendaten für 10 Bunttöne output: olv* setrgbcolor / w* setgray

Ausgabe: Farbmatisches Offset-Reflektiv-System ORS18

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

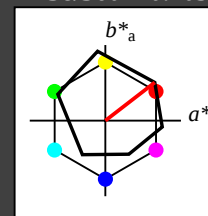
lab^*tch und lab^*nch

D65: Buntton O

LCH*Ma: 48 83 38

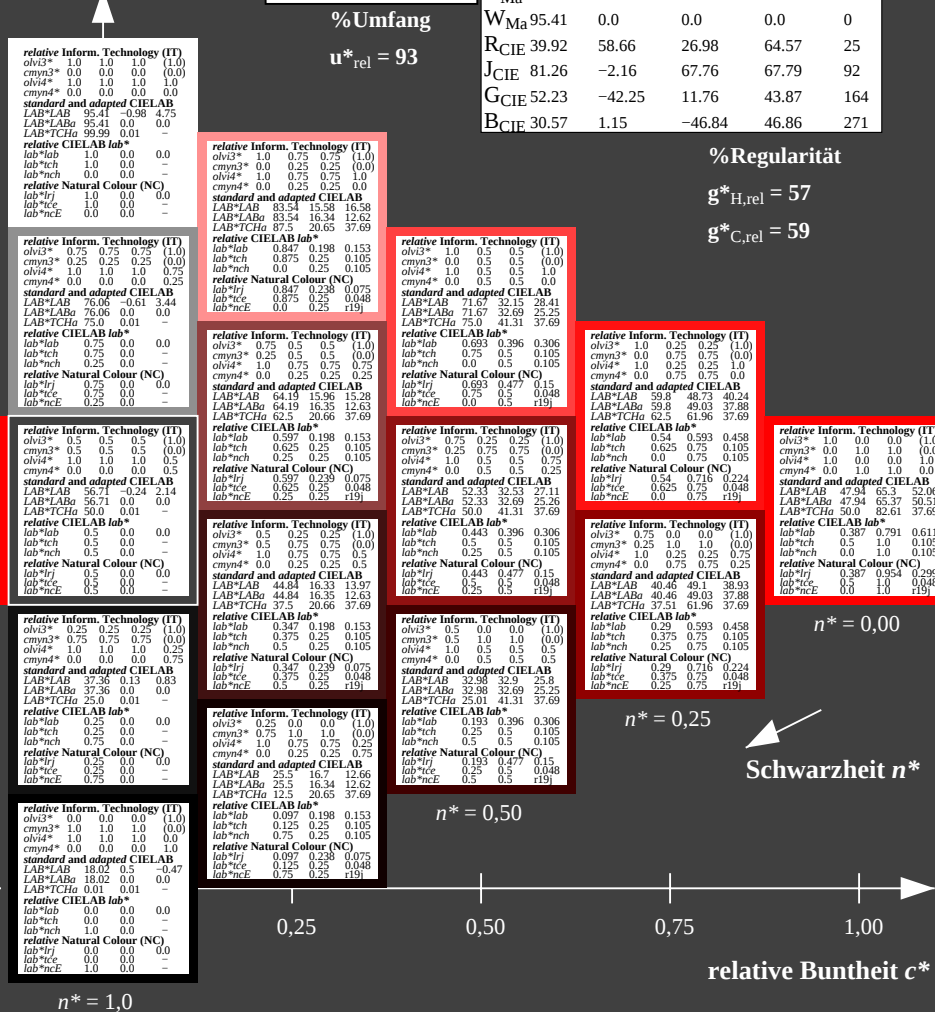
olv*Ma: 1.0 0.0 0.0

Dreiecks-Helligkeit



%Umfang

$u^*_{rel} = 93$



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

ORS18; adaptierte CIELAB-Daten					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	65.39	50.52	82.63	38
Y _{Ma}	90.37	-10.26	91.75	92.32	96
L _{Ma}	50.9	-62.83	34.96	71.91	151
C _{Ma}	58.62	-30.34	-45.01	54.3	236
V _{Ma}	25.72	31.1	-44.4	54.22	305
M _{Ma}	48.13	75.28	-8.36	75.74	354
N _{Ma}	18.01	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
R _{CIE}	39.92	58.66	26.98	64.57	25
J _{CIE}	81.26	-2.16	67.76	67.79	92
G _{CIE}	52.23	-42.25	11.76	43.87	164
B _{CIE}	30.57	1.15	-46.84	46.86	271

%Regularität

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

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

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	-0.98	4.75		
LAB*LABa	95.41	0.0	0.0		
LAB*LABb	95.41	0.0	0.0		
LAB*LABc	95.41	0.0	0.0		
LAB*LABd	95.41	0.0	0.0		
LAB*LABe	95.41	0.0	0.0		
LAB*LABf	95.41	0.0	0.0		
LAB*LABg	95.41	0.0	0.0		
LAB*LABh	95.41	0.0	0.0		
LAB*LABi	95.41	0.0	0.0		
LAB*LABj	95.41	0.0	0.0		
LAB*LABk	95.41	0.0	0.0		
LAB*LABl	95.41	0.0	0.0		
LAB*LABm	95.41	0.0	0.0		
LAB*LABn	95.41	0.0	0.0		
LAB*LABo	95.41	0.0	0.0		
LAB*LABp	95.41	0.0	0.0		
LAB*LABq	95.41	0.0	0.0		
LAB*LABr	95.41	0.0	0.0		
LAB*LABs	95.41	0.0	0.0		
LAB*LABt	95.41	0.0	0.0		
LAB*LABu	95.41	0.0	0.0		
LAB*LABv	95.41	0.0	0.0		
LAB*LABw	95.41	0.0	0.0		
LAB*LABx	95.41	0.0	0.0		
LAB*LABy	95.41	0.0	0.0		
LAB*LABz	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	1.0	0.0	0.0		
lab*trj	1.0	0.0	0.0		
lab*trk	1.0	0.0	0.0		
lab*trl	1.0	0.0	0.0		
lab*trm	1.0	0.0	0.0		
lab*trn	1.0	0.0	0.0		
lab*tro	1.0	0.0	0.0		
lab*trp	1.0	0.0	0.0		
lab*trq	1.0	0.0	0.0		
lab*trr	1.0	0.0	0.0		
lab*trs	1.0	0.0	0.0		
lab*trt	1.0	0.0	0.0		
lab*tru	1.0	0.0	0.0		
lab*trv	1.0	0.0	0.0		
lab*trw	1.0	0.0	0.0		
lab*trx	1.0	0.0	0.0		
lab*try	1.0	0.0	0.0		
lab*trz	1.0	0.0	0.0		

relative Natural Colour (NC)					
lab*trj	1.0	0.0	0.0		
lab*trk	1.0	0.0	0.0		
lab*trl	1.0	0.0	0.0		
lab*trm	1.0	0.0	0.0		
lab*trn	1.0	0.0	0.0		
lab*tro	1.0	0.0	0.0		
lab*trp	1.0	0.0	0.0		
lab*trq	1.0	0.0	0.0		
lab*trr	1.0	0.0	0.0		
lab*trs	1.0	0.0	0.0		
lab*trt	1.0	0.0	0.0		
lab*tru	1.0	0.0	0.0		
lab*trv	1.0	0.0	0.0		
lab*trw	1.0	0.0	0.0		
lab*trx	1.0	0.0	0.0		
lab*try	1.0	0.0	0.0		
lab*trz	1.0	0.0	0.0		

standard and adapted CIELAB					
LAB*LAB	95.41	-0.98	4.75		
LAB*LABa	95.41	0.0	0.0		
LAB*LABb	95.41	0.0	0.0		
LAB*LABc	95.41	0.0	0.0		
LAB*LABd	95.41	0.0	0.0		
LAB*LABe	95.41	0.0	0.0		
LAB*LABf	95.41	0.0	0.0		
LAB*LABg	95.41	0.0	0.0		
LAB*LABh	95.41	0.0	0.0		
LAB*LABi	95.41	0.0	0.0		
LAB*LABj	95.41	0.0	0.0		
LAB*LABk	95.41	0.0	0.0		
LAB*LABl	95.41	0.0	0.0		
LAB*LABm	95.41	0.0	0.0		
LAB*LABn	95.41	0.0	0.0		
LAB*LABo	95.41	0.0	0.0		
LAB*LABp	95.41	0.0	0.0		
LAB*LABq	95.41	0.0	0.0		
LAB*LABr	95.41	0.0	0.0		
LAB*LABs	95.41	0.0	0.0		
LAB*LABt	95.41	0.0	0.0		
LAB*LABu	95.41	0.0	0.0		
LAB*LABv	95.41	0.0	0.0		
LAB*LABw	95.41	0.0	0.0		
LAB*LABx	95.41	0.0	0.0		
LAB*LABy	95.41	0.0	0.0		
LAB*LABz	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	1.0	0.0	0.0		
lab*trj	1.0	0.0	0.0		
lab*trk	1.0	0.0	0.0		
lab*trl	1.0	0.0	0.0		
lab*trm	1.0	0.0	0.0		
lab*trn	1.0	0.0	0.0		
lab*tro	1.0	0.0	0.0		
lab*trp	1.0	0.0	0.0		
lab*trq	1.0	0.0	0.0		
lab*trr	1.0	0.0	0.0		
lab*trs	1.0	0.0	0.0		
lab*trt	1.0	0.0	0.0		
lab*tru	1.0	0.0	0.0		
lab*trv	1.0	0.0	0.0		
lab*trw	1.0	0.0	0.0		
lab*trx	1.0	0.0	0.0		
lab*try	1.0	0.0	0.0		
lab*trz	1.0	0.0	0.0		

relative Natural Colour (NC)					
lab*trj	1.0	0.0	0.0		
lab*trk	1.0	0.0	0.0		
lab*trl	1.0	0.0	0.0		
lab*trm	1.0	0.0	0.0		
lab*trn	1.0	0.0	0.0		
lab*tro	1.0	0.0	0.0		
lab*trp	1.0	0.0	0.0		
lab*trq	1.0	0.0	0.0		
lab*trr	1.0	0.0	0.0		
lab*trs	1.0	0.0	0.0		
lab*trt	1.0	0.0	0.0		
lab*tru	1.0	0.0	0.0		
lab*trv	1.0	0.0	0.0		
lab*trw	1.0	0.0	0.0		
lab*trx	1.0	0.0	0.0		
lab*try	1.0	0.0	0.0		
lab*trz	1.0	0.0	0.0		

standard and adapted CIELAB					
LAB*LAB	95.41	-0.98	4.75		
LAB*LABa	95.41	0.0	0.0		
LAB*LABb	95.41	0.0	0.0		
LAB*LABc	95.41	0.0	0.0		
LAB*LABd	95.41	0.0	0.0		
LAB*LABe	95.41	0.0	0.0		
LAB*LABf	95.41	0.0	0.0		
LAB*LABg	95.41	0.0	0.0		
LAB*LABh	95.41	0.0	0.0		
LAB*LABi	95.41	0.0	0.0		
LAB*LABj	95.41	0.0	0.0		
LAB*LABk	95.41	0.0	0.0		
LAB*LABl	95.41	0.0	0.0		
LAB*LABm	95.41	0.0	0.0		
LAB*LABn	95.41	0.0	0.0		
LAB*LABo	95.41	0.0	0.0		
LAB*LABp	95.41	0.0	0.0		
LAB*LABq	95.41	0.0	0.0		
LAB*LABr	95.41	0.0	0.0		
LAB*LABs	95.41	0.0	0.0		
LAB*LABt	95.41	0.0	0.0		
LAB*LABu	95.41	0.0	0.0		
LAB*LABv	95.41	0.0	0.0		
LAB*LABw	95.41	0.0	0.0		
LAB*LABx	95.41	0.0	0.0		
LAB*LABy	95.41	0.0	0.0		
LAB*LABz	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	1.0	0.0	0.0		
lab*trj	1.0	0.0	0.0		
lab*trk	1.0	0.0	0.0		
lab*trl	1.0	0.0	0.0		
lab*trm	1.0	0.0	0.0		
lab*trn	1.0	0.0	0.0		
lab*tro	1.0	0.0	0.0		
lab*trp	1.0	0.0	0.0		
lab*trq	1.0	0.0	0.0		
lab*trr	1.0	0.0	0.0		
lab*trs	1.0	0.0	0.0		
lab*trt	1.0	0.0	0.0		
lab*tru	1.0	0.0	0.0		
lab*trv	1.0	0.0	0.0		
lab*trw	1.0	0.0	0.0		
lab*trx	1.0	0.0	0.0		
lab*try	1.0	0.0	0.0		
lab*trz	1.0	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	0.0
cmyn4*	0.0	0.0	0.0	1.0
standard and adapted CIELAB				
LAB*LAB	18.02	0.5	-0.47	

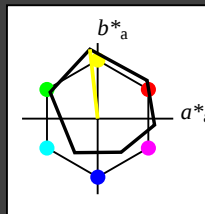
Eingabe: Farbmatisches Offset-Reflektiv-System ORS18

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

lab^*tch und lab^*nch

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

Dreiecks-Helligkeit



ORS18; adaptierte CIELAB-Daten

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	65.39	50.52	82.63	38
Y _{Ma}	90.37	-10.26	91.75	92.32	96
L _{Ma}	50.9	-62.83	34.96	71.91	151
C _{Ma}	58.62	-30.34	-45.01	54.3	236
V _{Ma}	25.72	31.1	-44.4	54.22	305
M _{Ma}	48.13	75.28	-8.36	75.74	354
N _{Ma}	18.01	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
R _{CIE}	39.92	58.66	26.98	64.57	25
J _{CIE}	81.26	-2.16	67.76	67.79	92
G _{CIE}	52.23	-42.25	11.76	43.87	164
B _{CIE}	30.57	1.15	-46.84	46.86	271

%Regularität

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

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

1,00

0,75

$n^* = 0,00$

0,25

$n^* = 0,25$

$n^* = 0,50$

Schwarzheit n^*

relative Buntheit c^*

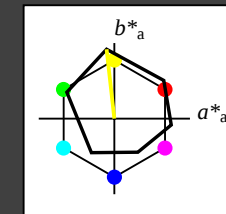
Ausgabe: Farbmatisches Offset-Reflektiv-System ORS18

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

lab^*tch und lab^*nch

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

Dreiecks-Helligkeit



%Umfang

$u^*_{rel} = 93$

ORS18; adaptierte CIELAB-Daten

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	65.39	50.52	82.63	38
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N _{Ma}	18.01	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
R _{CIE}	39.92	58.66	26.98	64.57	25
J _{CIE}	81.26	-2.16	67.76	67.79	92
G _{CIE}	52.23	-42.25	11.76	43.87	164
B _{CIE}	30.57	1.15	-46.84	46.86	271

%Regularität

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

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

1,00

0,75

$n^* = 0,00$

0,25

$n^* = 0,25$

$n^* = 0,50$

Schwarzheit n^*

relative Buntheit c^*

$n^* = 1,0$

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

NG440-7, 5 stufige Reihen für konstanten CIELAB Buntton 96/360 = 0.268 (links)

BAM-Prüfvorlage NG44; Farbmatrik-Systeme ORS18 & ORS18input: $olv^* setrgbcolor$

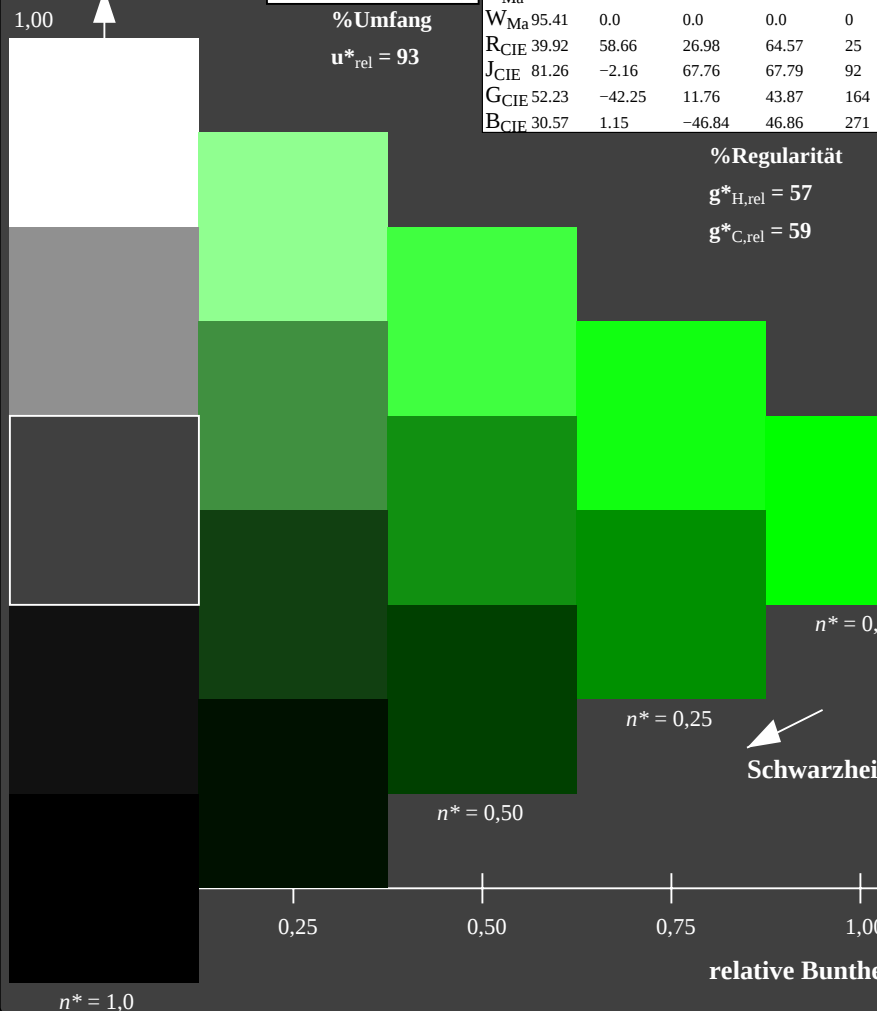
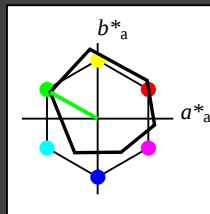
D65: 5stufige Farbreihen und Koordinatendaten für 10 Bunttöne output: $olv^* setrgbcolor / w^* setgray$

Eingabe: Farbmatisches Offset-Reflektiv-System ORS18

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

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

Dreiecks-Helligkeit



NG440-7, 5 stufige Reihen für konstanten CIELAB Buntton 151/360 = 0.419 (links)

BAM-Prüfvorlage NG44; Farbmatrik-Systeme ORS18 & ORS18input: olv* setrgbcolor

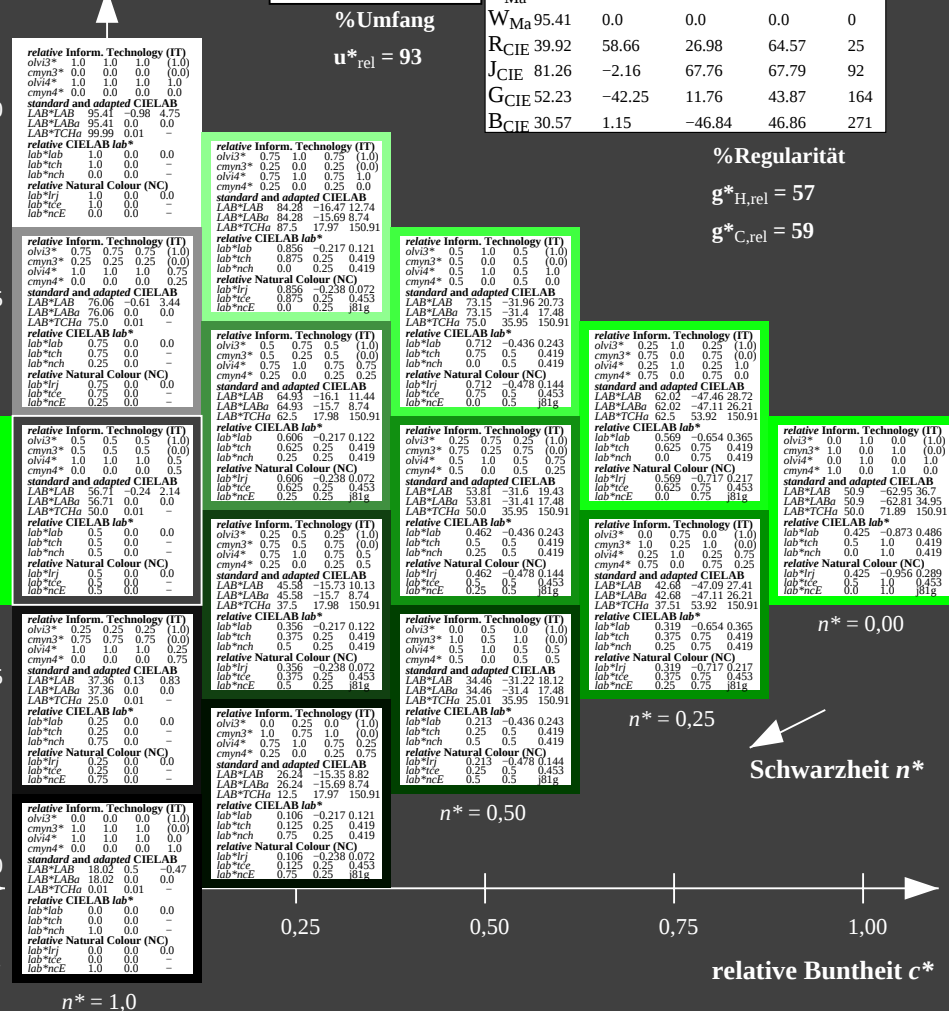
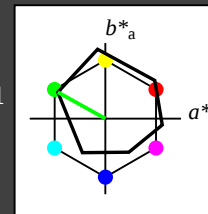
D65: 5stufige Farbreihen und Koordinatendaten für 10 Bunttöne output: olv* setrgbcolor / w* setgray

Ausgabe: Farbmatisches Offset-Reflektiv-System ORS18

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

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

Dreiecks-Helligkeit



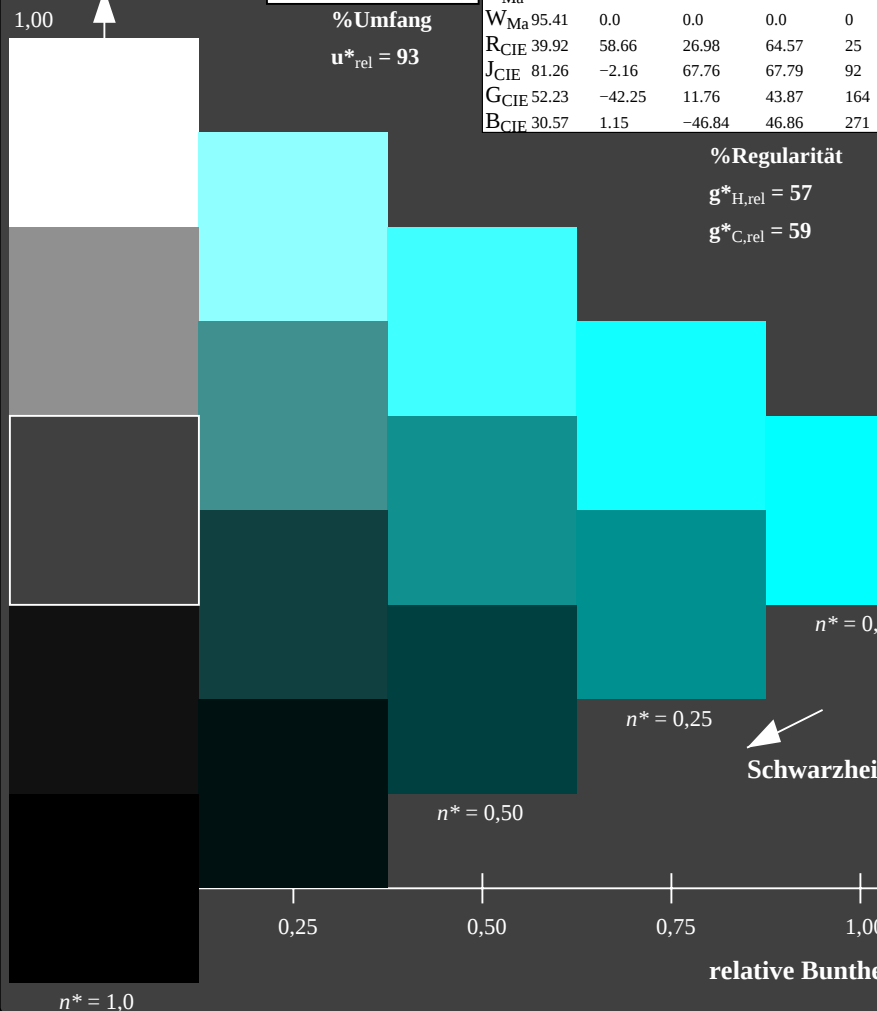
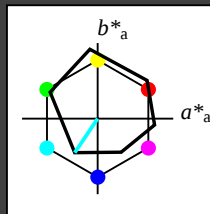
5 stufige Reihen für konstanten CIELAB Buntton 151/360 = 0.419 (rechts)

Eingabe: Farbmatisches Offset-Reflektiv-System ORS18

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

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

Dreiecks-Helligkeit



NG440-7, 5 stufige Reihen für konstanten CIELAB Buntton 236/360 = 0.656 (links)



BAM-Prüfvorlage NG44; Farbmatrik-Systeme ORS18 & ORS18input: olv* setrgbcolor

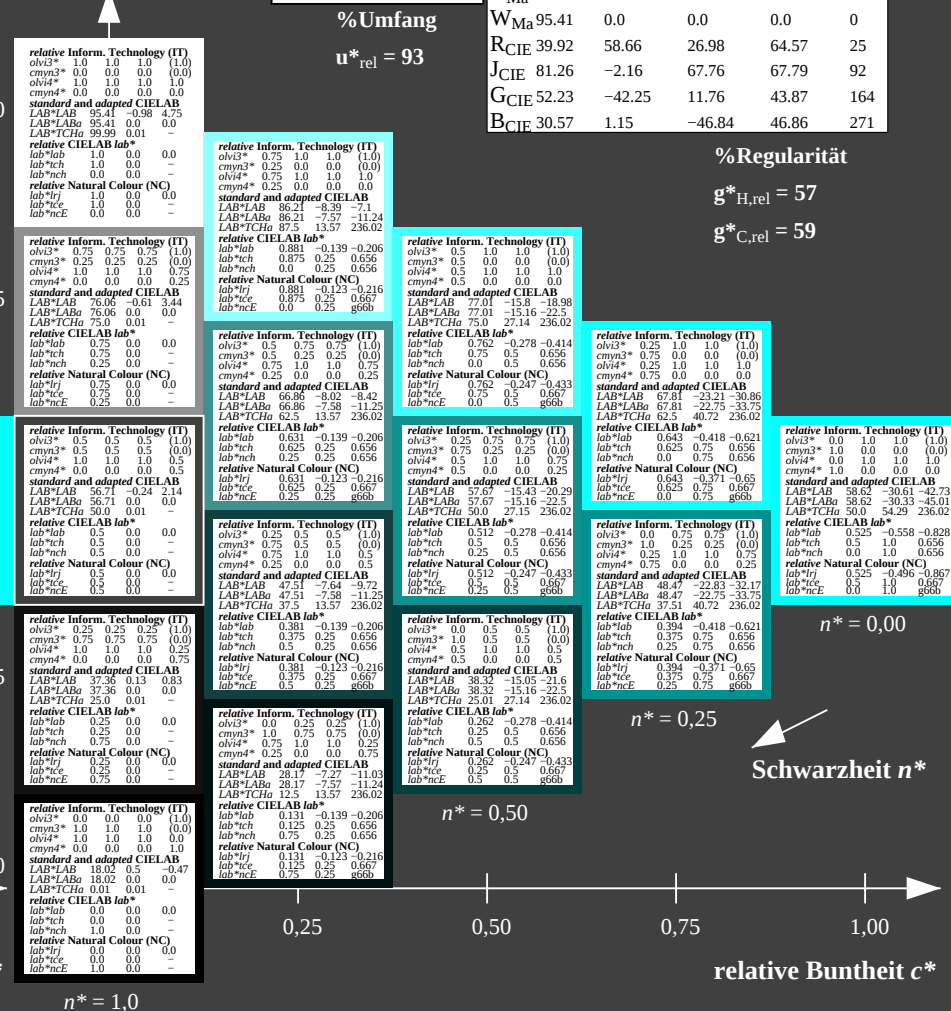
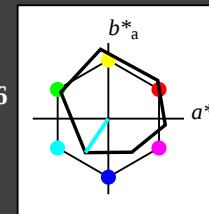
D65: 5stufige Farbreihen und Koordinatendaten für 10 Bunttöne output: olv* setrgbcolor / w* setgray

Ausgabe: Farbmatisches Offset-Reflektiv-System ORS18

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

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

Dreiecks-Helligkeit



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

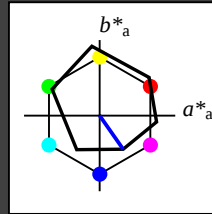


Eingabe: Farbmétrisches Offset-Reflektiv-System ORS18

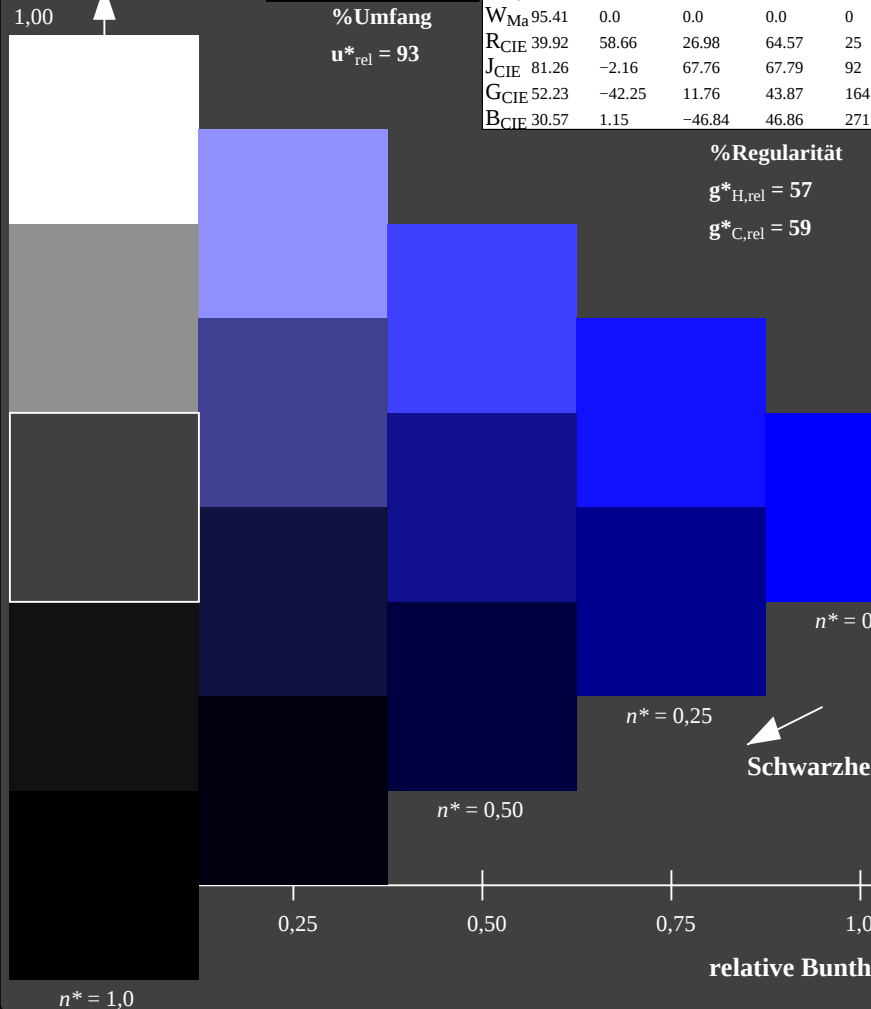
für Buntton $h^* = lab^*h = 305/360 = 0.847$
 lab^*ch und lab^*nh h^*

D65: Buntton V
LCH*Ma: 26 54 305
olv*Ma: 0.0 0.0 1.0

Dreiecks-Helligkeit



%Umfang

$$\mathbf{u}_{\text{rel}}^* = 93$$


NG440-7, 5 stufige Reihen für konstanten CIELAB Buntton 305/360 = 0.847 (links)

BAM-Prüfvorlage NG44; Farbmatrik-Systeme ORS18 & ORS18input: *olv* setrgbcolor*

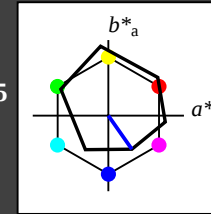
D65: 5stufige Farbreihen und Koordinatendaten für 10 Bunttöne output: *olv* setrgbcolor / w* setgray*

Ausgabe: Farbmétrisches Offset-Reflektiv-System ORS18

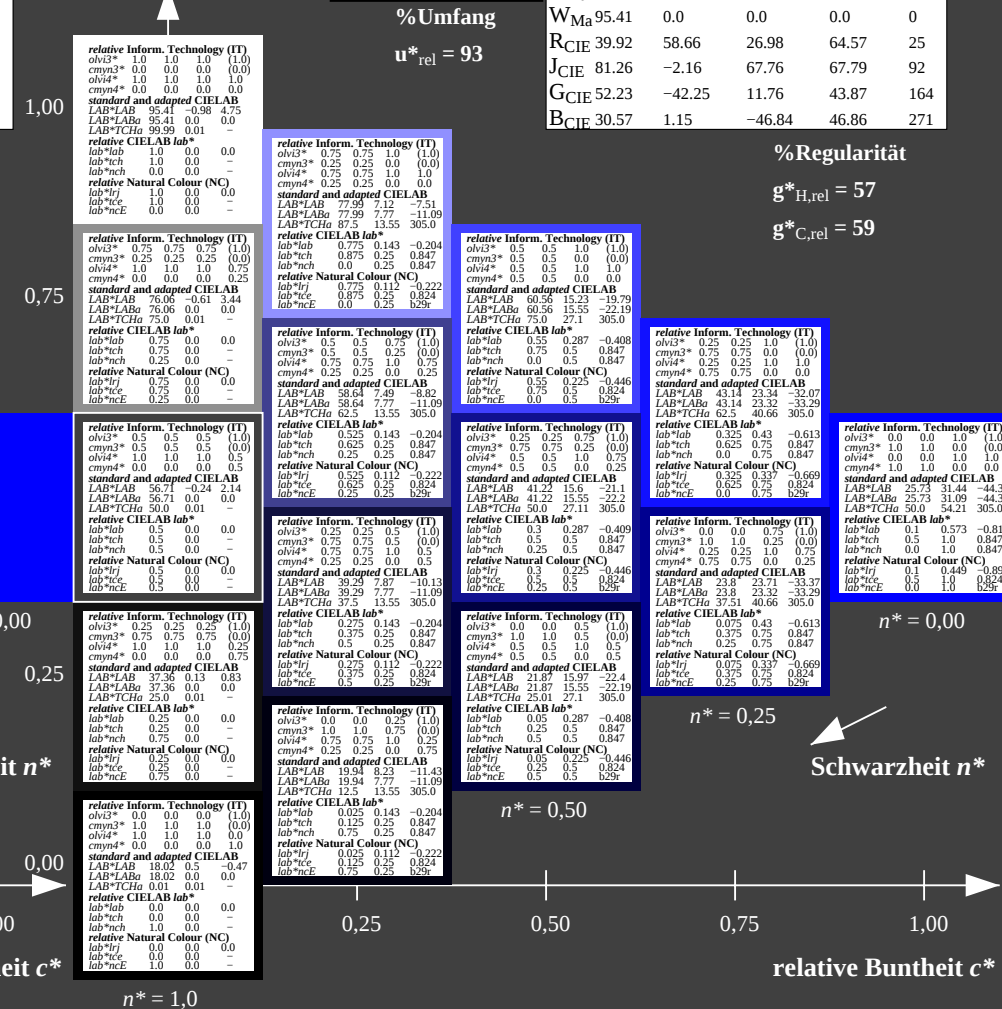
für Buntton $h^* = lab^*h = 305/360 = 0.847$	
lab^*tch und lab^*nch	h^*

D65: Buntton V
LCH*Ma: 26 54 305
olv*Ma: 0.0 0.0 1.0

Dreiecks-Helligkeit



%Umfang

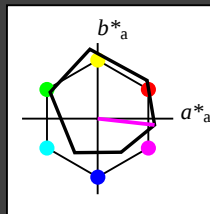
$$\mathbf{u}_{\text{rel}}^* = 93$$
5 stufige Reihen für konstanten CIELAB Buntton $305/360 = 0.847$ (rechts)

Eingabe: Farbmatisches Offset-Reflektiv-System ORS18

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

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

Dreiecks-Helligkeit



ORS18; adaptierte CIELAB-Daten					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	65.39	50.52	82.63	38
Y _{Ma}	90.37	-10.26	91.75	92.32	96
L _{Ma}	50.9	-62.83	34.96	71.91	151
C _{Ma}	58.62	-30.34	-45.01	54.3	236
V _{Ma}	25.72	31.1	-44.4	54.22	305
M _{Ma}	48.13	75.28	-8.36	75.74	354
N _{Ma}	18.01	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
R _{CIE}	39.92	58.66	26.98	64.57	25
J _{CIE}	81.26	-2.16	67.76	67.79	92
G _{CIE}	52.23	-42.25	11.76	43.87	164
B _{CIE}	30.57	1.15	-46.84	46.86	271

%Regularität

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

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

1,00

0,75

$n^* = 0,00$

0,25

$n^* = 0,25$

$n^* = 0,50$

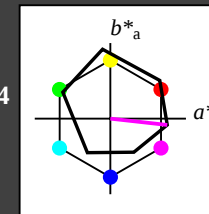
relative Buntheit c^*

Ausgabe: Farbmatisches Offset-Reflektiv-System ORS18

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

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

Dreiecks-Helligkeit



ORS18; adaptierte CIELAB-Daten					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	65.39	50.52	82.63	38
Y _{Ma}	90.37	-10.26	91.75	92.32	96
L _{Ma}	50.9	-62.83	34.96	71.91	151
C _{Ma}	58.62	-30.34	-45.01	54.3	236
V _{Ma}	25.72	31.1	-44.4	54.22	305
M _{Ma}	48.13	75.28	-8.36	75.74	354
N _{Ma}	18.01	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
R _{CIE}	39.92	58.66	26.98	64.57	25
J _{CIE}	81.26	-2.16	67.76	67.79	92
G _{CIE}	52.23	-42.25	11.76	43.87	164
B _{CIE}	30.57	1.15	-46.84	46.86	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^*

NG440-7, 5 stufige Reihen für konstanten CIELAB Buntton 354/360 = 0.982 (links)

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

BAM-Prüfvorlage NG44; Farbmatrik-Systeme ORS18 & ORS18input: $olv^* setrgbcolor$

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

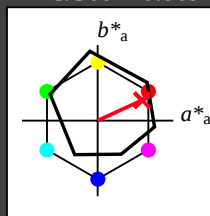
Eingabe: Farbmatisches Offset-Reflektiv-System ORS18

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

lab^*tch und lab^*nch

D65: Buntton R
LCH*Ma: 48 75 25
olv*Ma: 1.0 0.0 0.32

Dreiecks-Helligkeit



ORS18; adaptierte CIELAB-Daten					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	65.39	50.52	82.63	38
Y _{Ma}	90.37	-10.26	91.75	92.32	96
L _{Ma}	50.9	-62.83	34.96	71.91	151
C _{Ma}	58.62	-30.34	-45.01	54.3	236
V _{Ma}	25.72	31.1	-44.4	54.22	305
M _{Ma}	48.13	75.28	-8.36	75.74	354
N _{Ma}	18.01	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
R _{CIE}	39.92	58.66	26.98	64.57	25
J _{CIE}	81.26	-2.16	67.76	67.79	92
G _{CIE}	52.23	-42.25	11.76	43.87	164
B _{CIE}	30.57	1.15	-46.84	46.86	271

%Regularität

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

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

1,00

0,75

$n^* = 0,00$

0,25

$n^* = 0,25$

$n^* = 0,50$

Schwarzheit n^*

relative Buntheit c^*

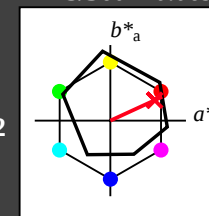
Ausgabe: Farbmatisches Offset-Reflektiv-System ORS18

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

lab^*tch und lab^*nch

D65: Buntton R
LCH*Ma: 48 75 25
olv*Ma: 1.0 0.0 0.32

Dreiecks-Helligkeit



%Umfang

$u^*_{rel} = 93$

relative Inform. Technology (IT)					
olvi3*	1.0	1.0	1.0	(1.0)	
cmyn3*	0.0	0.25	0.169	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	-0.98	4.75		
LAB*LAB	95.41	0.0	0.0		
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		
lab*trj	1.0	0.0	0.0		
relative Natural Colour (NC)					
lab*trj	1.0	0.0	0.0		
lab*tch	1.0	0.0	0.0		
lab*nch	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	0.5	
cmyn4*	0.0	0.0	0.0	0.5	
standard and adapted CIELAB					
LAB*LAB	76.06	-0.61	3.44		
LAB*LAB	76.06	0.0	0.0		
LAB*TCh	75.0	0.01	0.0		
relative CIELAB lab*					
lab*lab	0.75	0.0	0.0		
lab*tch	0.75	0.0	0.0		
lab*nch	0.25	0.0	0.0		
lab*trj	0.75	0.0	0.0		
lab*tch	0.75	0.0	0.0		
lab*nch	0.25	0.0	0.0		

relative Inform. Technology (IT)					
olvi3*	0.5	0.5	0.5	(0.0)	
cmyn3*	0.5	0.5	0.5	0.0	
olvi4*	1.0	1.0	1.0	0.5	
cmyn4*	0.0	0.0	0.0	0.5	
standard and adapted CIELAB					
LAB*LAB	56.71	0.24	2.14		
LAB*LAB	56.71	0.0	0.0		
LAB*TCh	50.0	0.01	0.0		
relative CIELAB lab*					
lab*lab	0.5	0.0	0.0		
lab*tch	0.5	0.0	0.0		
lab*nch	0.5	0.0	0.0		
lab*trj	0.5	0.0	0.0		
lab*tch	0.5	0.0	0.0		
lab*nch	0.5	0.0	0.0		

relative Inform. Technology (IT)					
olvi3*	0.25	0.25	0.25	(0.0)	
cmyn3*	0.75	0.75	0.75	0.0	
olvi4*	1.0	1.0	1.0	0.5	
cmyn4*	0.0	0.0	0.0	0.5	
standard and adapted CIELAB					
LAB*LAB	37.36	0.13	0.83		
LAB*LAB	37.36	0.0	0.0		
LAB*TCh	25.0	0.01	0.0		
relative CIELAB lab*					
lab*lab	0.25	0.0	0.0		
lab*tch	0.25	0.0	0.0		
lab*nch	0.75	0.0	0.0		
lab*trj	0.25	0.0	0.0		
lab*tch	0.25	0.0	0.0		
lab*nch	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	0.0	
cmyn4*	0.0	0.0	0.0	1.0	
standard and adapted CIELAB					
LAB*LAB	18.02	0.5	0.47		
LAB*LAB	18.02	0.0	0.0		
LAB*TCh	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	1.0	0.0	0.0		
lab*trj	0.0	0.0	0.0		
lab*tch	0.0	0.0	0.0		
lab*nch	1.0	0.0	0.0		

$n^* = 1,0$

relative Inform. Technology (IT)					
olvi3*	1.0	0.75	0.831	(1.0)	
cmyn3*	0.0	0.25	0.169	0.0	
olvi4*	1.0	0.75	0.831	1.0	
cmyn4*	0.0	0.25	0.169	0.0	
standard and adapted CIELAB					
LAB*LAB	83.55	16.38	11.84		
LAB*LAB	83.55	17.14	7.88		
LAB*TCh	87.5	12.86	24.69		
relative CIELAB lab*					
lab*lab	0.847	0.227	0.104		
lab*tch	0.875	0.25	0.069		
lab*nch	0.0	0.25	0.069		
lab*trj	0.847	0.25	0.0		
lab*tch	0.875	0.25	0.0		
lab*nch	0.0	0.25	0.069		

relative Inform. Technology (IT)					
olvi3*	0.75	0.5	0.589	(1.0)	
cmyn3*	0.25	0.5	0.589	0.0	
olvi4*	1.0	0.75	0.831	0.75	
cmyn4*	0.0	0.5	0.589	0.5	
standard and adapted CIELAB					
LAB*LAB	64.21	16.75	10.54		
LAB*LAB	64.21	17.14	7.88		
LAB*TCh	62.5	18.87	24.7		
relative CIELAB lab*					
lab*lab	0.597	0.227	0.104		
lab*tch	0.625	0.25	0.069		
lab*nch	0.25	0.25	0.069		
lab*trj	0.597	0.25	0.0		
lab*tch	0.625	0.25	0.0		
lab*nch	0.25	0.25	0.069		

relative Inform. Technology (IT)					
olvi3*	0.5	0.25	0.31	(1.0)	
cmyn3*	0.5	0.75	0.669	0.0	
olvi4*	1.0	0.75	0.831	0.5	
cmyn4*	0.0	0.25	0.169	0.5	
standard and adapted CIELAB					
LAB*LAB	44.86	17.13	9.23		
LAB*LAB	44.86	17.14	7.88		
LAB*TCh	37.5	18.87	24.7		
relative CIELAB lab*					
lab*lab	0.347	0.227	0.104		
lab*tch	0.375	0.25	0.069		
lab*nch	0.5	0.25	0.069		
lab*trj	0.347	0.25	0.0		
lab*tch	0.375	0.25	0.0		
lab*nch	0.5	0.25	0.069		

relative Inform. Technology (IT)					
olvi3*	0.25	0.0	0.081	(1.0)	
cmyn3*	0.75	1.0	0.919	0.0	
olvi4*	1.0	0.75	0.831	0.25	
cmyn4*	0.0	0.25	0.169	0.75	
standard and adapted CIELAB					
LAB*LAB	25.51	17.14	7.89		
LAB*LAB	25.51	17.14	7.89		
LAB*TCh	12.5	18.86	24.71		
relative CIELAB lab*					
lab*lab	0.097	0.227	0.104		
lab*tch	0.125	0.25	0.069		
lab*nch	1.0	0.25	0.069		
lab*trj	0.097	0.25	0.0		
lab*tch	0.125	0.25	0.0		
lab*nch	1.0	0.25	0.069		

relative Inform. Technology (IT)					
olvi3*	1.0	0.5	0.661	(1.0)	
cmyn3*	0.0	0.5	0.339	0.0	
olvi4*	1.0	0.5	0.661	1.0	
cmyn4*	0.0	0.5	0.339	0.0	
standard and adapted CIELAB					
LAB*LAB	71.7	33.75	18.92		
LAB*LAB	71.7	34.28	15.76		
LAB*TCh	75.0	37.73	24.7		
relative CIELAB lab*					
lab*lab	0.694	0.454	0.209		
lab*tch	0.75	0.5	0.069		
lab*nch	0.0	0.5	0.069		
lab*trj	0.694	0.5	0.0		
lab*tch	0.75	0.5	0.0		
lab*nch	0.0	0.5	0.069		

relative Inform. Technology (IT)					
olvi3*	0.75	0.25	0.411	(1.0)	
cmyn3*	0.25	0.75	0.589	0.0	
olvi4*	1.0	0.5	0.661	0.75	
cmyn4*	0.0	0.5	0.339	0.25	
standard and adapted CIELAB					
LAB*LAB	52.36	34.13	17.62		
LAB*LAB	52.36	34.29	15.77		
LAB*TCh	50.0	37.74	24.7		
relative CIELAB lab*					
lab*lab	0.444	0.454	0.209		
lab*tch	0.5	0.5	0.069		
lab*nch	0.25	0.5	0.069		
lab*trj	0.444	0.5	0.0		
lab*tch	0.5	0.5	0.0		
lab*nch	0.25	0.5	0.069		

relative Inform. Technology (IT)					relative
olvi3*	0.5	0.0	0.181	(1.0)	lab*
cmyn3*	0.5	1.0	0.839	(0.0)	lab*
olvi4*	1.0	0.5	0.661	0.5	lab*
cmyn4*	0.0	0.5	0.339	0.5	lab*
standard and adapted CIELAB					relative
LAB*LAB	33.01	34.49	16.31		lab*
LAB*LAB	33.01	34.28	15.77		lab*
LAB*TCh	25.01	37.3	24.7		lab*
relative CIELAB lab*					relative
lab*lab	0.194	0.454	0.209		lab*
lab*tch	0.25	0.5	0.069		lab*
tch*lab	0.5	0.5	0.069		lab*
relative Natural Colour (NC)					relative
lrj*lrj	0.194	0.5	0.0		lab*
tce*lrj	0.25	0.5	0.0		lab*
lrj*tce	0.5	0.5	0.0		lab*

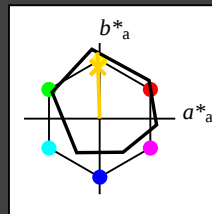
Eingabe: Farbmétrisches Offset-Reflektiv-System ORS18

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

lab^*tch und lab^*nch

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

Dreiecks-Helligkeit



ORS18; adaptierte CIELAB-Daten					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	65.39	50.52	82.63	38
Y _{Ma}	90.37	-10.26	91.75	92.32	96
L _{Ma}	50.9	-62.83	34.96	71.91	151
C _{Ma}	58.62	-30.34	-45.01	54.3	236
V _{Ma}	25.72	31.1	-44.4	54.22	305
M _{Ma}	48.13	75.28	-8.36	75.74	354
N _{Ma}	18.01	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
R _{CIE}	39.92	58.66	26.98	64.57	25
J _{CIE}	81.26	-2.16	67.76	67.79	92
G _{CIE}	52.23	-42.25	11.76	43.87	164
B _{CIE}	30.57	1.15	-46.84	46.86	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^*

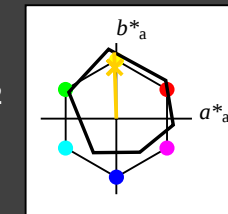
Ausgabe: Farbmétrisches Offset-Reflektiv-System ORS18

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

lab^*tch und lab^*nch

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

Dreiecks-Helligkeit



ORS18; adaptierte CIELAB-Daten					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	65.39	50.52	82.63	38
Y _{Ma}	90.37	-10.26	91.75	92.32	96
L _{Ma}	50.9	-62.83	34.96	71.91	151
C _{Ma}	58.62	-30.34	-45.01	54.3	236
V _{Ma}	25.72	31.1	-44.4	54.22	305
M _{Ma}	48.13	75.28	-8.36	75.74	354
N _{Ma}	18.01	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
R _{CIE}	39.92	58.66	26.98	64.57	25
J _{CIE}	81.26	-2.16	67.76	67.79	92
G _{CIE}	52.23	-42.25	11.76	43.87	164
B _{CIE}	30.57	1.15	-46.84	46.86	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^*

NG44-7, 5 stufige Reihen für konstanten CIELAB Buntton 92/360 = 0.255 (links)

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

BAM-Prüfvorlage NG44; Farbmétrik-Systeme ORS18 & ORS18input: $olv^* setrgbcolor$

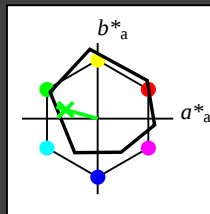
D65: 5stufige Farbreihen und Koordinatendaten für 10 Bunttöne output: $olv^* setrgbcolor / w^* setgray$

Eingabe: Farbmatisches Offset-Reflektiv-System ORS18

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

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

Dreiecks-Helligkeit



ORS18; adaptierte CIELAB-Daten					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	65.39	50.52	82.63	38
Y _{Ma}	90.37	-10.26	91.75	92.32	96
L _{Ma}	50.9	-62.83	34.96	71.91	151
C _{Ma}	58.62	-30.34	-45.01	54.3	236
V _{Ma}	25.72	31.1	-44.4	54.22	305
M _{Ma}	48.13	75.28	-8.36	75.74	354
N _{Ma}	18.01	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
R _{CIE}	39.92	58.66	26.98	64.57	25
J _{CIE}	81.26	-2.16	67.76	67.79	92
G _{CIE}	52.23	-42.25	11.76	43.87	164
B _{CIE}	30.57	1.15	-46.84	46.86	271

%Regularität

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

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

1,00

0,75

$n^* = 0,00$

0,25

$n^* = 0,25$

$n^* = 0,50$

$n^* = 1,0$

relative Buntheit c^*

NG440-7, 5 stufige Reihen für konstanten CIELAB Buntton 164/360 = 0.457 (links)

BAM-Prüfvorlage NG44; Farbmatrik-Systeme ORS18 & ORS18input: olv* setrgbcolor

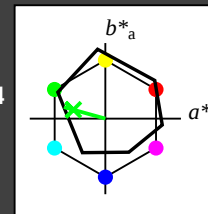
D65: 5stufige Farbreihen und Koordinatendaten für 10 Bunttöne output: olv* setrgbcolor / w* setgray

Ausgabe: Farbmatisches Offset-Reflektiv-System ORS18

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

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

Dreiecks-Helligkeit



ORS18; adaptierte CIELAB-Daten					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	65.39	50.52	82.63	38
Y _{Ma}	90.37	-10.26	91.75	92.32	96
L _{Ma}	50.9	-62.83	34.96	71.91	151
C _{Ma}	58.62	-30.34	-45.01	54.3	236
V _{Ma}	25.72	31.1	-44.4	54.22	305
M _{Ma}	48.13	75.28	-8.36	75.74	354
N _{Ma}	18.01	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
R _{CIE}	39.92	58.66	26.98	64.57	25
J _{CIE}	81.26	-2.16	67.76	67.79	92
G _{CIE}	52.23	-42.25	11.76	43.87	164
B _{CIE}	30.57	1.15	-46.84	46.86	271

%Regularität

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

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

1,00

0,75

$n^* = 0,00$

0,25

$n^* = 0,25$

$n^* = 0,50$

$n^* = 1,0$

relative Buntheit c^*

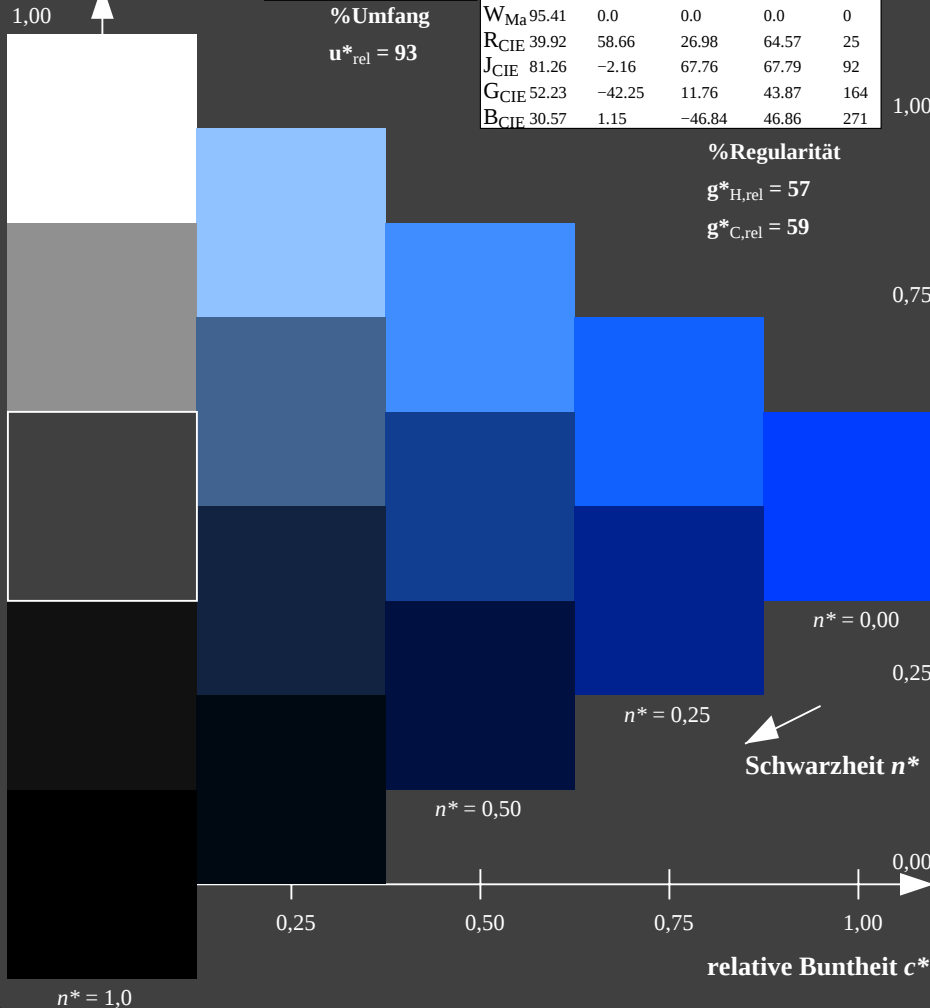
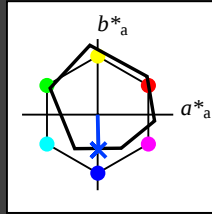
5 stufige Reihen für konstanten CIELAB Buntton 164/360 = 0.457 (rechts)

Eingabe: Farbmatisches Offset-Reflektiv-System ORS18

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

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

Dreiecks-Helligkeit



NG440-7, 5 stufige Reihen für konstanten CIELAB Buntton 271/360 = 0.754 (links)

BAM-Prüfvorlage NG44; Farbmatrik-Systeme ORS18 & ORS18input: olv* setrgbcolor

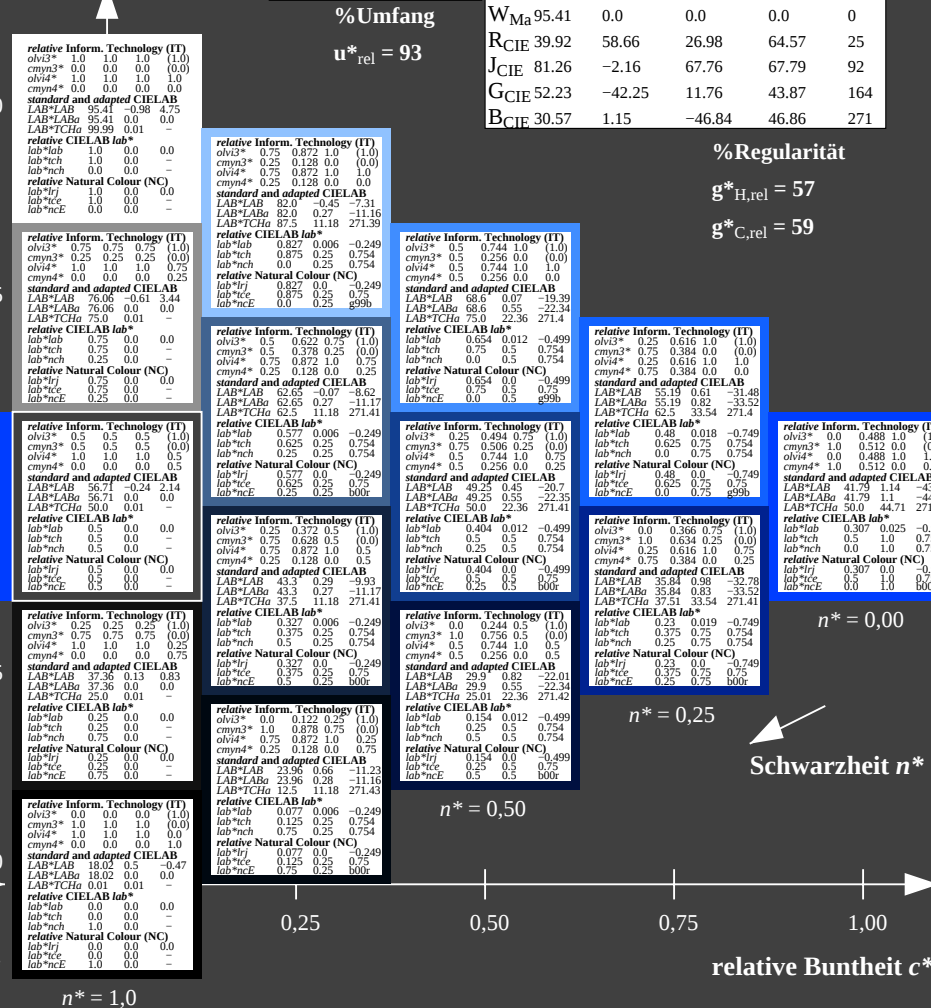
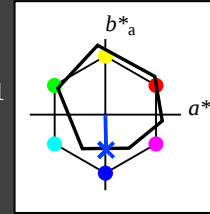
D65: 5stufige Farbreihen und Koordinatendaten für 10 Bunttöne output: olv* setrgbcolor / w* setgray

Ausgabe: Farbmatisches Offset-Reflektiv-System ORS18

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

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

Dreiecks-Helligkeit



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