Eingabe: Farbmetrisches Fernseh-Licht-System TLS18

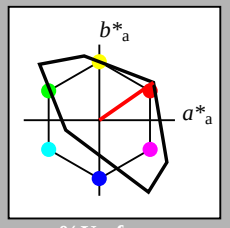
für Buntton *h = lab*h = 35/360 = 0.097**

lab*tch* und *lab*nch

D65: Buntton O

LCH*Ma: 53 87 35

olv*Ma: 1.0 0.0 0.0



TLS18; adaptierte CIELAB-Daten

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_m	52.76	71.63	49.88	87.29	35
Y_m	92.74	−20.02	84.97	87.3	103
L_m	84.0	−78.98	73.94	108.2	137
C_m	87.14	−44.41	−13.11	46.32	196
V_m	35.47	64.92	−95.06	115.12	304
M_m	59.01	89.33	−55.67	105.26	328
N_m	18.01	0.0	0.0	0.0	0
W_m	95.41	0.0	0.0	0.0	0
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	−2.88	71.56	71.62	92
G_{CIE}	52.23	−42.41	13.6	44.55	162
B_{CIE}	30.57	1.41	−46.46	46.49	272

Dreiecks-Helligkeit *t**

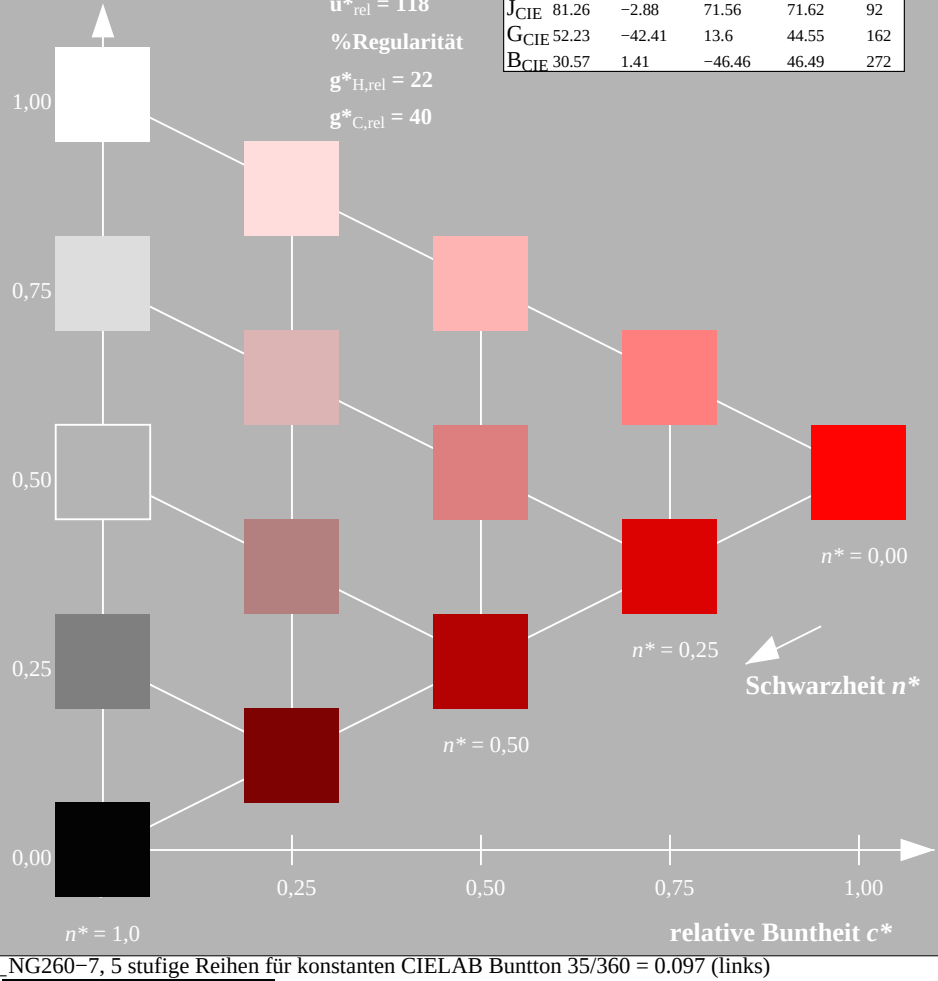
%Umfang

u^*_{rel} = 118

%Regularität

$g^*_{H,rel}$ = 22

$g^*_{C,rel}$ = 40



Ausgabe: Farbmetrisches Offset-Reflektiv-System ORS18

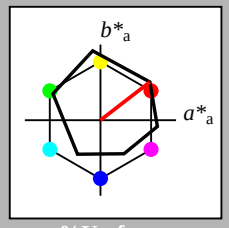
für Buntton *h = lab*h = 38/360 = 0.105**

LAB*LCH, LAB*NCH

D65: Buntton O

LCH*Ma: 48 83 38

olv*Ma: 1.0 0.0 0.0



ORS18; adaptierte CIELAB-Daten

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_m	47.94	65.39	50.52	82.63	38
Y_m	90.37	−10.26	91.75	92.32	96
L_m	50.9	−62.83	34.96	71.91	151
C_m	58.62	−30.34	−45.01	54.3	236
V_m	25.72	31.1	−44.4	54.22	305
M_m	48.13	75.28	−8.36	75.74	354
N_m	18.01	0.0	0.0	0.0	0
W_m	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

CIELAB-Helligkeit *L**

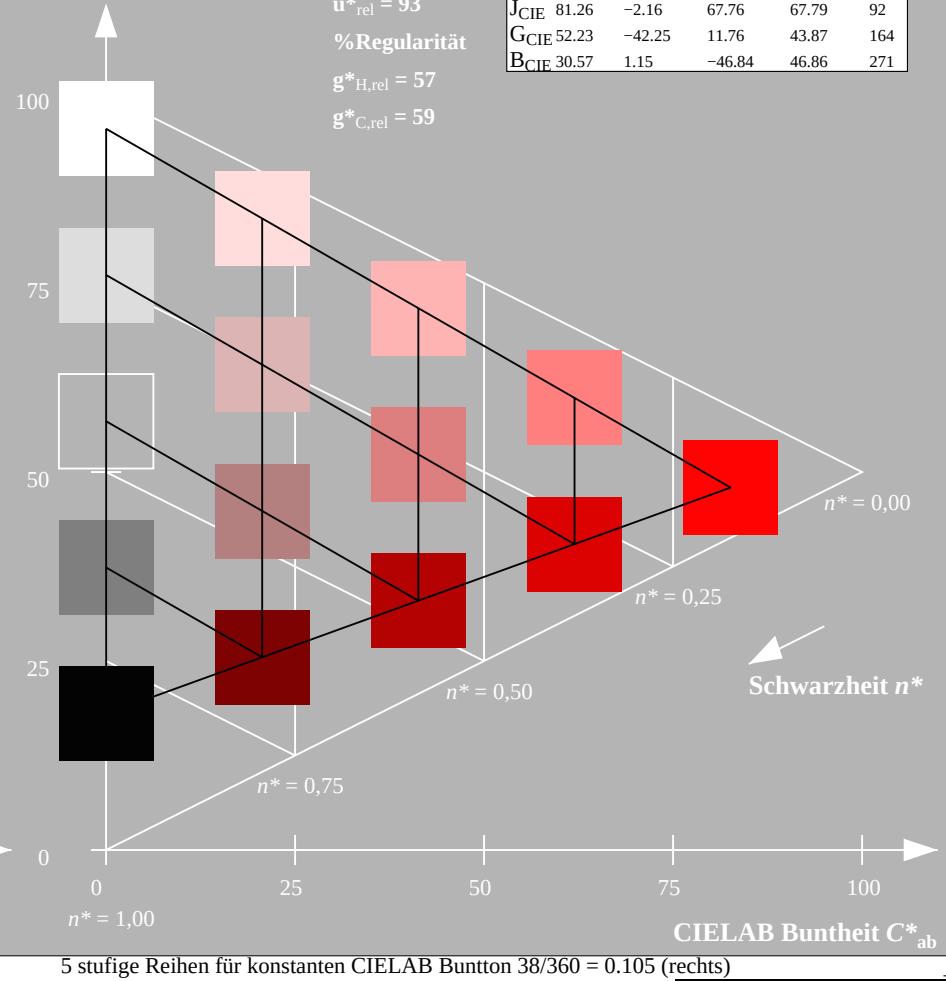
%Umfang

u^*_{rel} = 93

%Regularität

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

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



NG260−7, 5 stufige Reihen für konstanten CIELAB Buntton 35/360 = 0.097 (links)

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

Eingabe: Farbmetrisches Fernseh-Licht-System TLS18

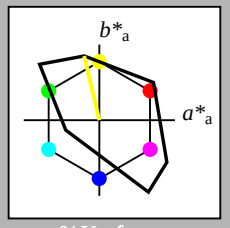
für Buntton *h = lab*h = 103/360 = 0.287**

lab*tch* und *lab*nch

D65: Buntton Y

LCH*Ma: 93 87 103

olv*Ma: 1.0 1.0 0.0



TLS18; adaptierte CIELAB-Daten

	L*=L*a	a*a	b*a	C*ab,a	h*ab,a
O_m	52.76	71.63	49.88	87.29	35
Y_m	92.74	−20.02	84.97	87.3	103
L_m	84.0	−78.98	73.94	108.2	137
C_m	87.14	−44.41	−13.11	46.32	196
V_m	35.47	64.92	−95.06	115.12	304
M_m	59.01	89.33	−55.67	105.26	328
N_m	18.01	0.0	0.0	0.0	0
W_m	95.41	0.0	0.0	0.0	0
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	−2.88	71.56	71.62	92
G_{CIE}	52.23	−42.41	13.6	44.55	162
B_{CIE}	30.57	1.41	−46.46	46.49	272

Dreiecks-Helligkeit *t**

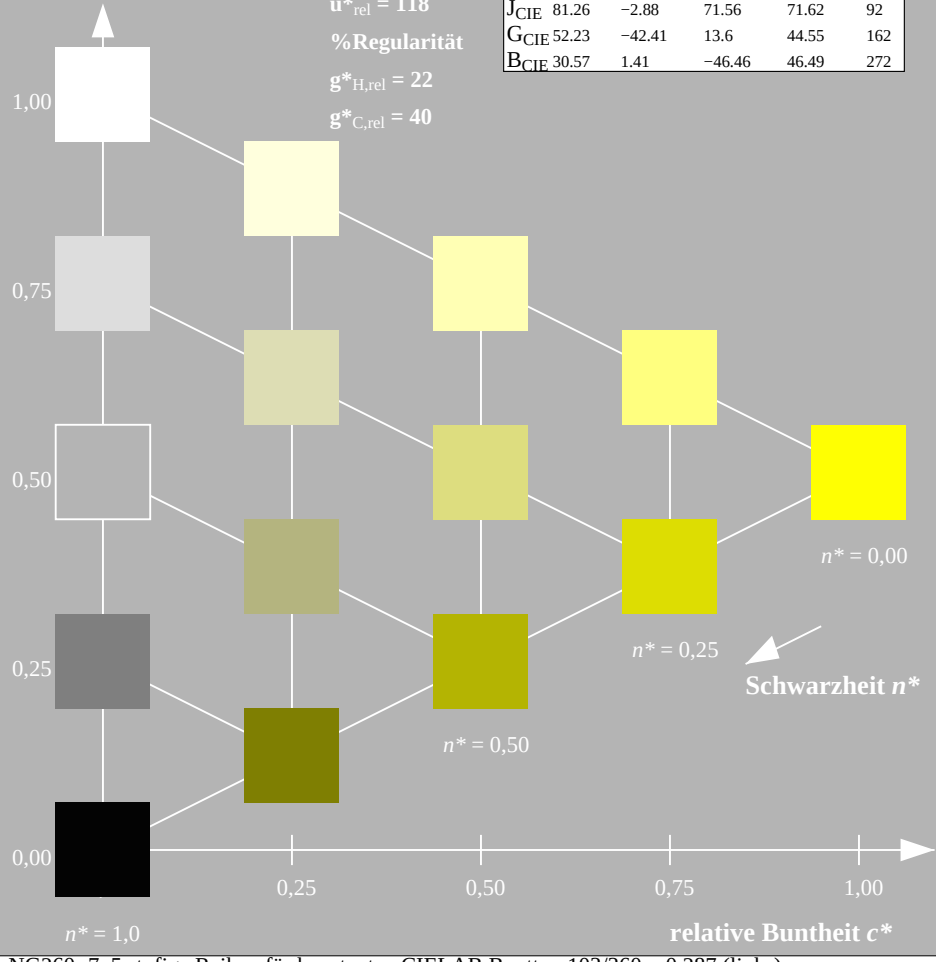
%Umfang

u*rel = 118

%Regularität

g*H,rel = 22

g*C,rel = 40



Ausgabe: Farbmetrisches Offset-Reflektiv-System ORS18

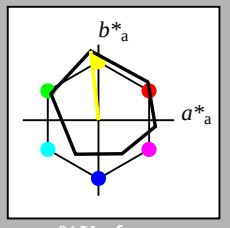
für Buntton *h = lab*h = 96/360 = 0.268**

LAB*LCH, LAB*NCH

D65: Buntton Y

LCH*Ma: 90 92 96

olv*Ma: 1.0 1.0 0.0



ORS18; adaptierte CIELAB-Daten

	L*=L*a	a*a	b*a	C*ab,a	h*ab,a
O_m	47.94	65.39	50.52	82.63	38
Y_m	90.37	−10.26	91.75	92.32	96
L_m	50.9	−62.83	34.96	71.91	151
C_m	58.62	−30.34	−45.01	54.3	236
V_m	25.72	31.1	−44.4	54.22	305
M_m	48.13	75.28	−8.36	75.74	354
N_m	18.01	0.0	0.0	0.0	0
W_m	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

CIELAB-Helligkeit *L**

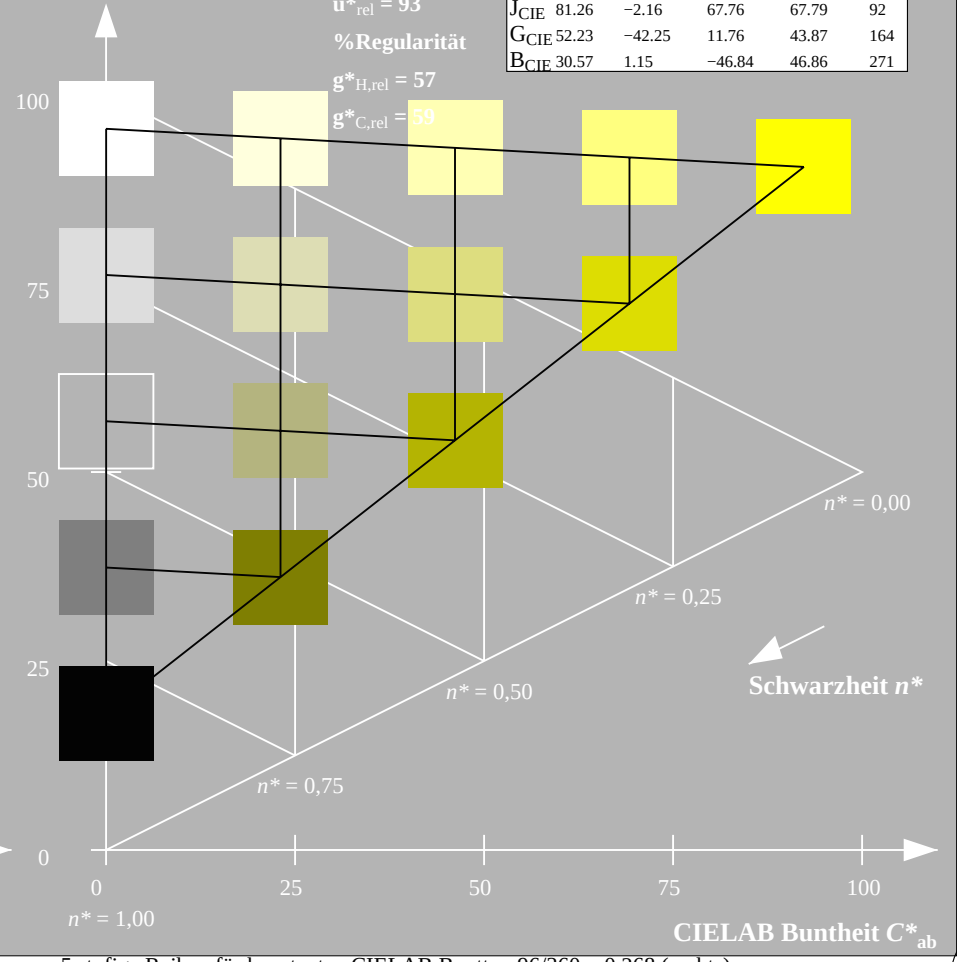
%Umfang

u*rel = 93

%Regularität

g*H,rel = 57

g*C,rel = 59



NG260−7, 5 stufige Reihen für konstanten CIELAB Buntton 103/360 = 0.287 (links)

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

BAM-Prüfvorlage NG26; Farbmetrik-Systeme TLS18 & ORS18 input: *olv* setrgbcolor*
D65: Koordinatensysteme; 5stufige Farbreihen für 10 Bunttöne output: *olv* setrgbcolor / w* setgray*

Eingabe: Farbmetrisches Fernseh-Licht-System TLS18

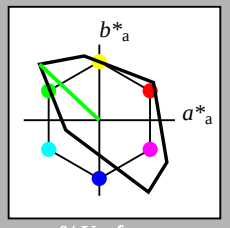
für Buntton *h = lab*h = 137/360 = 0.38**

lab*tch* und *lab*nch

D65: Buntton L

LCH*Ma: 84 108 137

olv*Ma: 0.0 1.0 0.0



TLS18; adaptierte CIELAB-Daten

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_m	52.76	71.63	49.88	87.29	35
Y_m	92.74	−20.02	84.97	87.3	103
L_m	84.0	−78.98	73.94	108.2	137
C_m	87.14	−44.41	−13.11	46.32	196
V_m	35.47	64.92	−95.06	115.12	304
M_m	59.01	89.33	−55.67	105.26	328
N_m	18.01	0.0	0.0	0.0	0
W_m	95.41	0.0	0.0	0.0	0
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	−2.88	71.56	71.62	92
G_{CIE}	52.23	−42.41	13.6	44.55	162
B_{CIE}	30.57	1.41	−46.46	46.49	272

Dreiecks-Helligkeit *t**

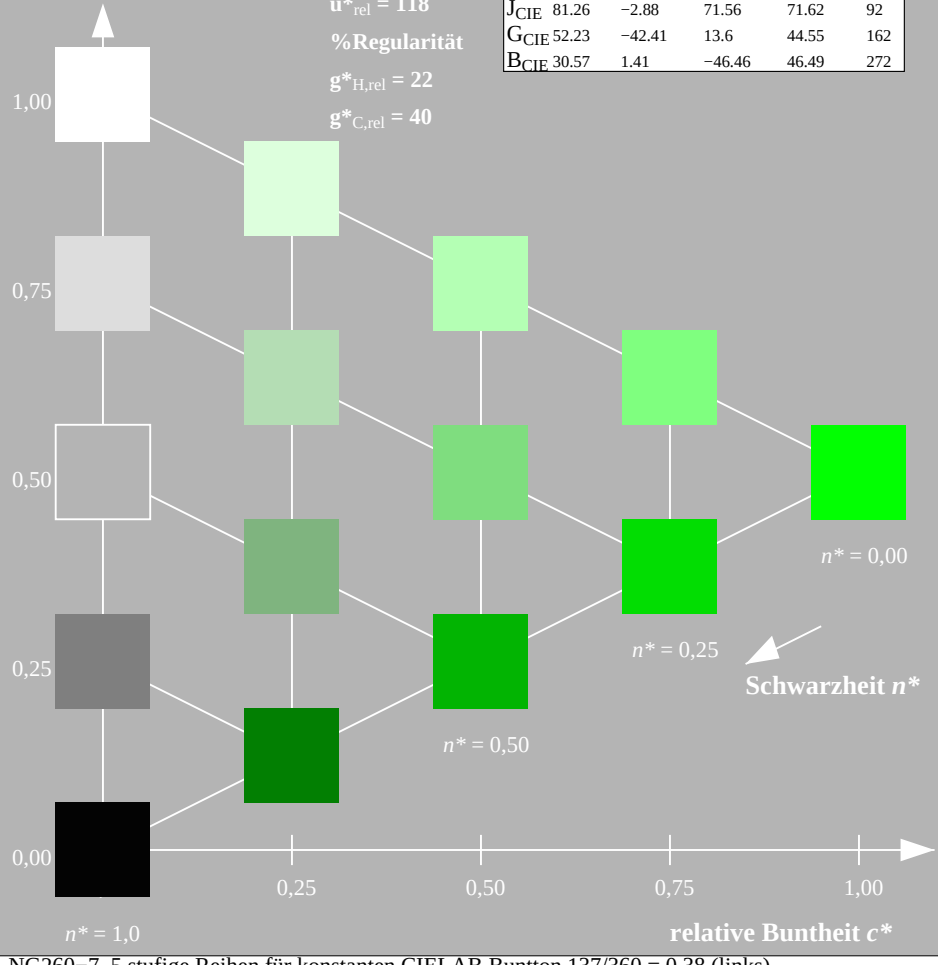
%Umfang

u^*_{rel} = 118

%Regularität

$g^*_{H,rel}$ = 22

$g^*_{C,rel}$ = 40



Ausgabe: Farbmetrisches Offset-Reflektiv-System ORS18

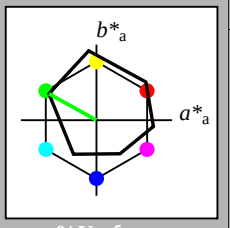
für Buntton *h = lab*h = 151/360 = 0.419**

LAB*LCH, LAB*NCH

D65: Buntton L

LCH*Ma: 51 72 151

olv*Ma: 0.0 1.0 0.0



ORS18; adaptierte CIELAB-Daten

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_m	47.94	65.39	50.52	82.63	38
Y_m	90.37	−10.26	91.75	92.32	96
L_m	50.9	−62.83	34.96	71.91	151
C_m	58.62	−30.34	−45.01	54.3	236
V_m	25.72	31.1	−44.4	54.22	305
M_m	48.13	75.28	−8.36	75.74	354
N_m	18.01	0.0	0.0	0.0	0
W_m	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

CIELAB-Helligkeit *L**

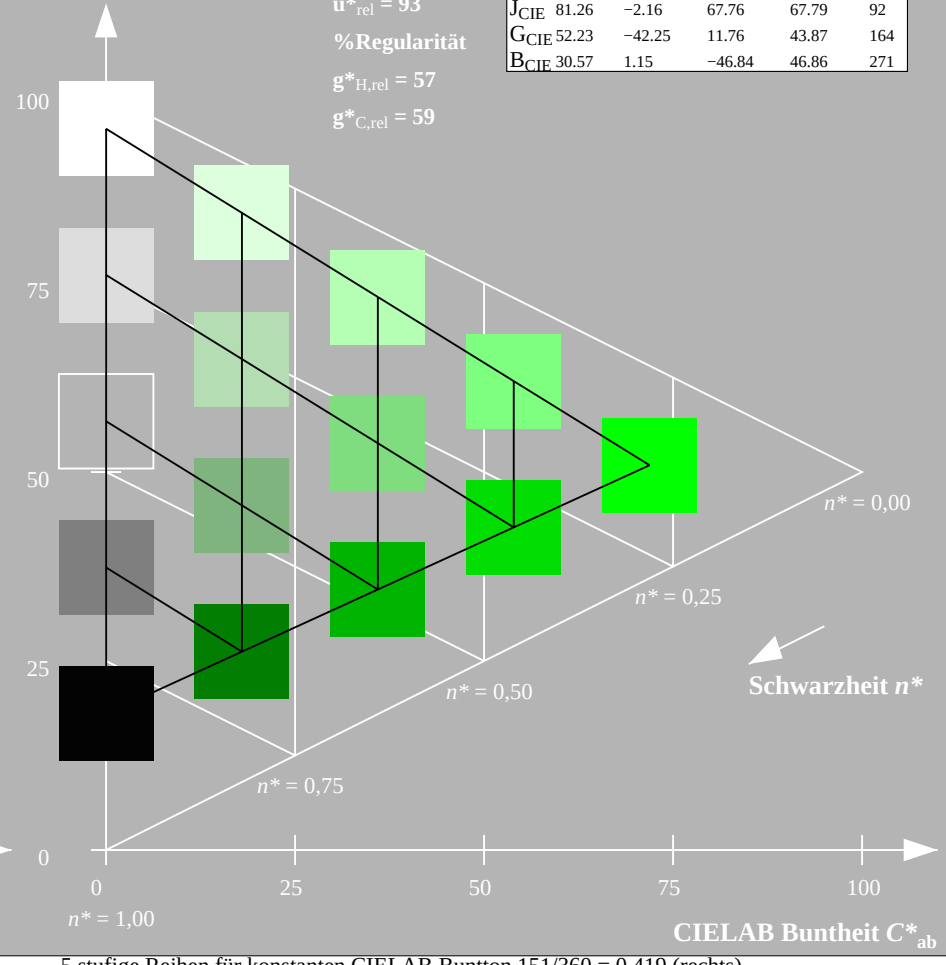
%Umfang

u^*_{rel} = 93

%Regularität

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

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



NG260−7, 5 stufige Reihen für konstanten CIELAB Buntton 137/360 = 0.38 (links)

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

BAM-Prüfvorlage NG26; Farbmetrik-Systeme TLS18 & ORS18 input: *olv* setrgbcolor*
D65: Koordinatensysteme; 5stufige Farbreihen für 10 Bunttöne output: *olv* setrgbcolor / w* setgray*

Eingabe: Farbmetrisches Fernseh-Licht-System TLS18

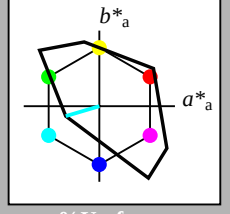
für Buntton *h = lab*h = 196/360 = 0.546**

lab*tch* und *lab*nch

D65: Buntton C

LCH*Ma: 87 46 196

olv*Ma: 0.0 1.0 1.0



TLS18; adaptierte CIELAB-Daten

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_m	52.76	71.63	49.88	87.29	35
Y_m	92.74	−20.02	84.97	87.3	103
L_m	84.0	−78.98	73.94	108.2	137
C_m	87.14	−44.41	−13.11	46.32	196
V_m	35.47	64.92	−95.06	115.12	304
M_m	59.01	89.33	−55.67	105.26	328
N_m	18.01	0.0	0.0	0.0	0
W_m	95.41	0.0	0.0	0.0	0
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	−2.88	71.56	71.62	92
G_{CIE}	52.23	−42.41	13.6	44.55	162
B_{CIE}	30.57	1.41	−46.46	46.49	272

Dreiecks-Helligkeit *t**

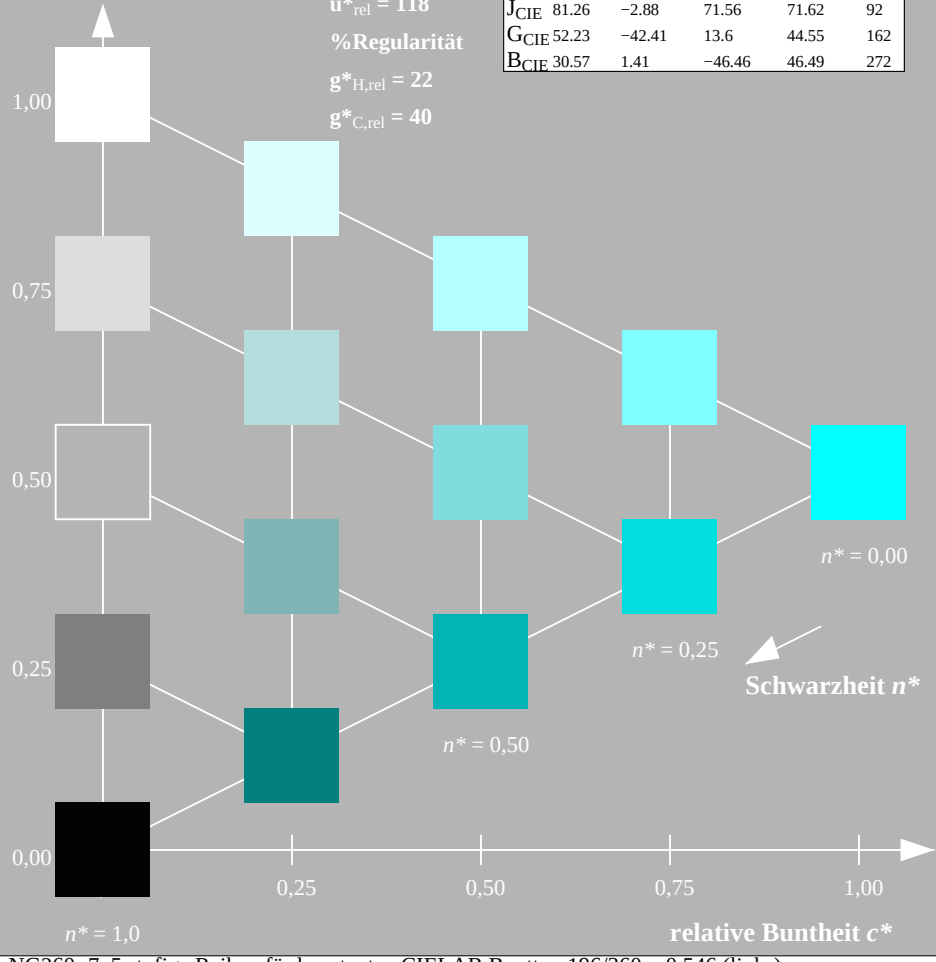
%Umfang

u^*_{rel} = 118

%Regularität

$g^*_{H,rel}$ = 22

$g^*_{C,rel}$ = 40



Ausgabe: Farbmetrisches Offset-Reflektiv-System ORS18

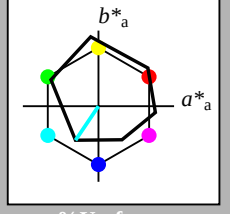
für Buntton *h = lab*h = 236/360 = 0.656**

LAB*LCH, LAB*NCH

D65: Buntton C

LCH*Ma: 59 54 236

olv*Ma: 0.0 1.0 1.0



ORS18; adaptierte CIELAB-Daten

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_m	47.94	65.39	50.52	82.63	38
Y_m	90.37	−10.26	91.75	92.32	96
L_m	50.9	−62.83	34.96	71.91	151
C_m	58.62	−30.34	−45.01	54.3	236
V_m	25.72	31.1	−44.4	54.22	305
M_m	48.13	75.28	−8.36	75.74	354
N_m	18.01	0.0	0.0	0.0	0
W_m	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

CIELAB-Helligkeit *L**

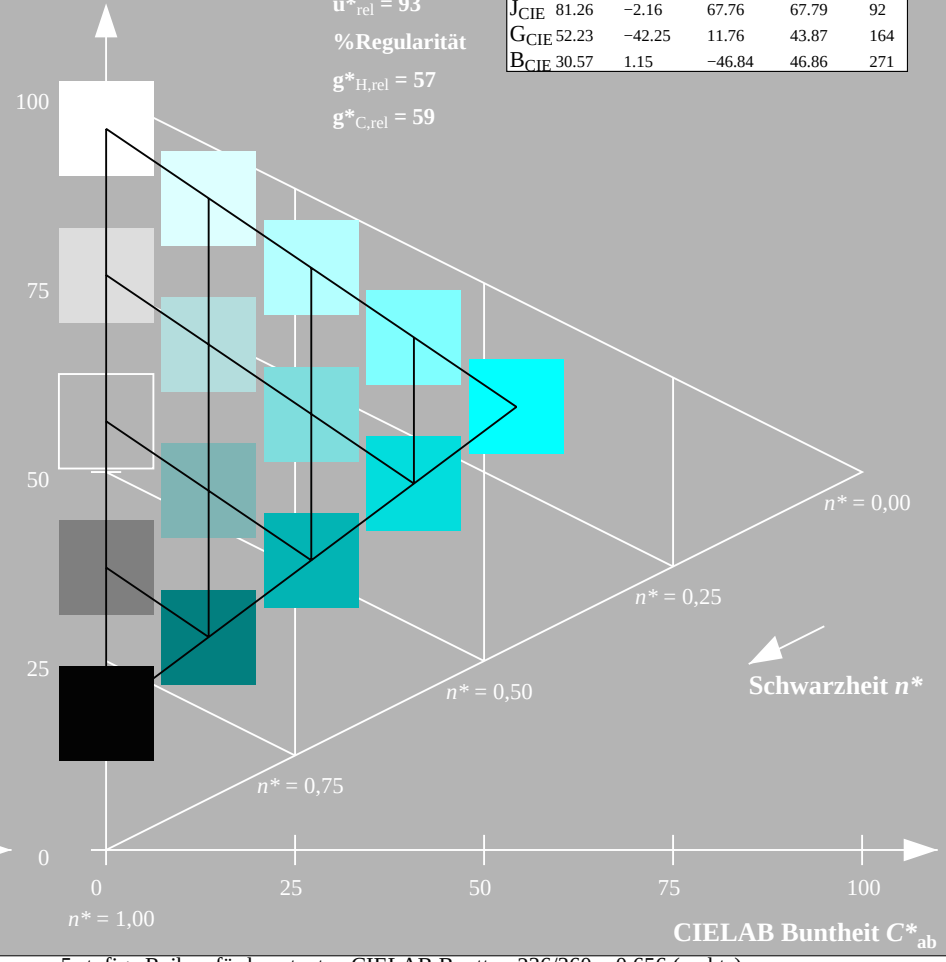
%Umfang

u^*_{rel} = 93

%Regularität

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

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



NG260−7, 5 stufige Reihen für konstanten CIELAB Buntton 196/360 = 0.546 (links)

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

Eingabe: Farbmetrisches Fernseh-Licht-System TLS18

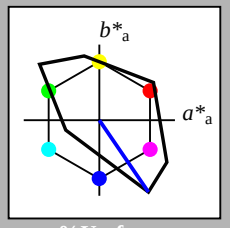
für Buntton *h = lab*h = 304/360 = 0.845**

lab*tch* und *lab*nch

D65: Buntton V

LCH*Ma: 35 115 304

olv*Ma: 0.0 0.0 1.0



TLS18; adaptierte CIELAB-Daten

	L*=L*a	a*a	b*a	C*ab,a	h*ab,a
O_m	52.76	71.63	49.88	87.29	35
Y_m	92.74	−20.02	84.97	87.3	103
L_m	84.0	−78.98	73.94	108.2	137
C_m	87.14	−44.41	−13.11	46.32	196
V_m	35.47	64.92	−95.06	115.12	304
M_m	59.01	89.33	−55.67	105.26	328
N_m	18.01	0.0	0.0	0.0	0
W_m	95.41	0.0	0.0	0.0	0
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	−2.88	71.56	71.62	92
G_{CIE}	52.23	−42.41	13.6	44.55	162
B_{CIE}	30.57	1.41	−46.46	46.49	272

Dreiecks-Helligkeit *t**

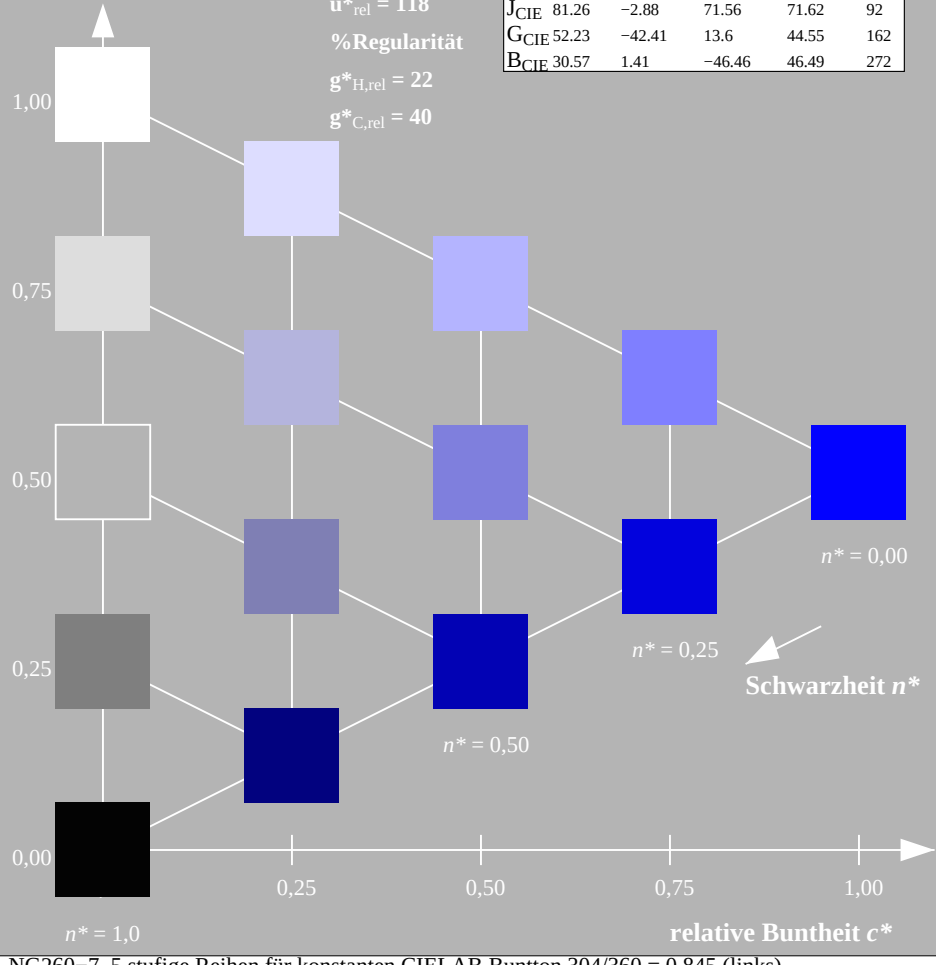
%Umfang

u*rel = 118

%Regularität

g*H,rel = 22

g*C,rel = 40



Ausgabe: Farbmetrisches Offset-Reflektiv-System ORS18

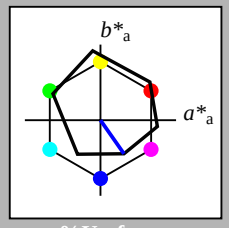
für Buntton *h = lab*h = 305/360 = 0.847**

LAB*LCH, LAB*NCH

D65: Buntton V

LCH*Ma: 26 54 305

olv*Ma: 0.0 0.0 1.0



ORS18; adaptierte CIELAB-Daten

	L*=L*a	a*a	b*a	C*ab,a	h*ab,a
O_m	47.94	65.39	50.52	82.63	38
Y_m	90.37	−10.26	91.75	92.32	96
L_m	50.9	−62.83	34.96	71.91	151
C_m	58.62	−30.34	−45.01	54.3	236
V_m	25.72	31.1	−44.4	54.22	305
M_m	48.13	75.28	−8.36	75.74	354
N_m	18.01	0.0	0.0	0.0	0
W_m	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

CIELAB-Helligkeit *L**

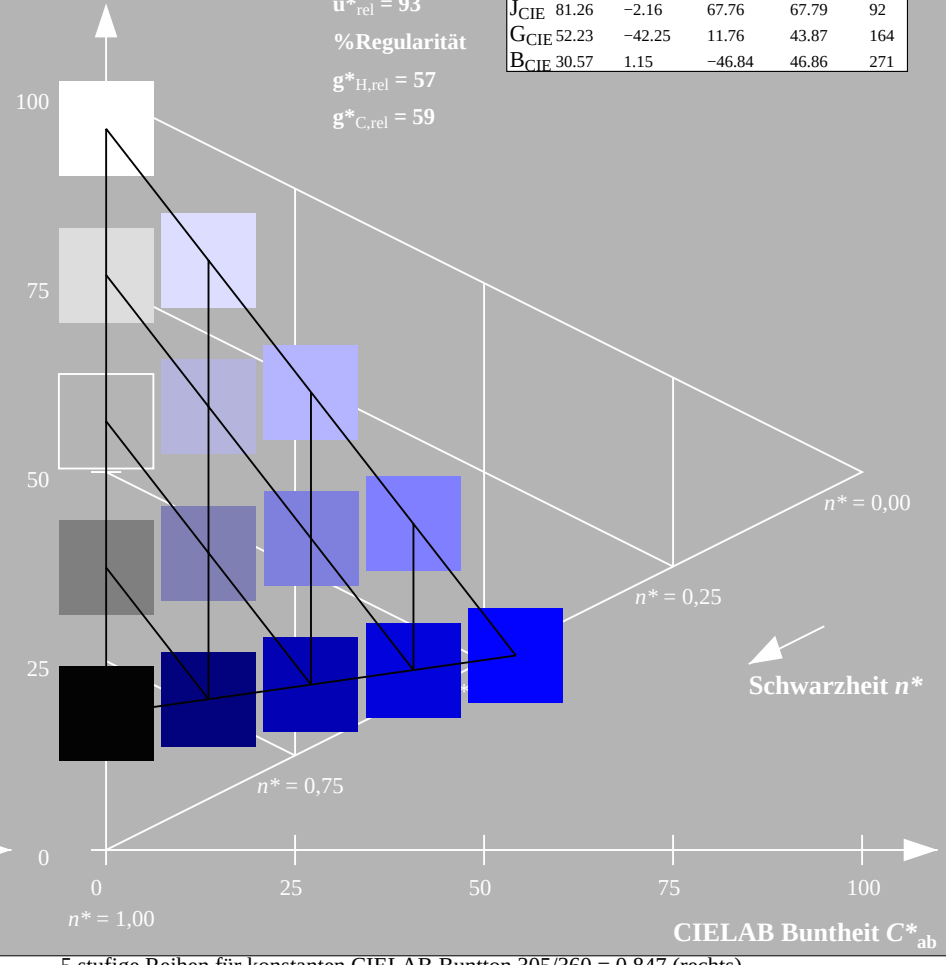
%Umfang

u*rel = 93

%Regularität

g*H,rel = 57

g*C,rel = 59



NG260−7, 5 stufige Reihen für konstanten CIELAB Buntton 304/360 = 0.845 (links)

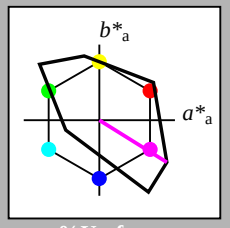
5 stufige Reihen für konstanten CIELAB Buntton 305/360 = 0.847 (rechts)

BAM-Prüfvorlage NG26; Farbmetrik-Systeme TLS18 & ORS18 input: *olv* setrgbcolor*
D65: Koordinatensysteme; 5stufige Farbreihen für 10 Bunttöne output: *olv* setrgbcolor / w* setgray*

Eingabe: Farbmetrisches Fernseh-Licht-System TLS18

für Buntton *h = lab*h = 328/360 = 0.911**

lab*tch* und *lab*nch



D65: Buntton M

LCH*Ma: 59 105 328

olv*Ma: 1.0 0.0 1.0

TLS18; adaptierte CIELAB-Daten

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_m	52.76	71.63	49.88	87.29	35
Y_m	92.74	−20.02	84.97	87.3	103
L_m	84.0	−78.98	73.94	108.2	137
C_m	87.14	−44.41	−13.11	46.32	196
V_m	35.47	64.92	−95.06	115.12	304
M_m	59.01	89.33	−55.67	105.26	328
N_m	18.01	0.0	0.0	0.0	0
W_m	95.41	0.0	0.0	0.0	0
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	−2.88	71.56	71.62	92
G_{CIE}	52.23	−42.41	13.6	44.55	162
B_{CIE}	30.57	1.41	−46.46	46.49	272

Dreiecks-Helligkeit *t**

%Umfang

u^*_{rel} = 118

%Regularität

$g^*_{H,rel}$ = 22

$g^*_{C,rel}$ = 40

1,00
0,75
0,50
0,25
0,00

*n** = 0,00
*n** = 0,25
*n** = 0,50
*n** = 1,0

0,25 0,50 0,75 1,00

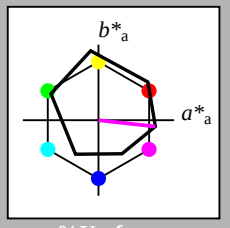
Schwarzheit *n**

relative Buntheit *c**

Ausgabe: Farbmetrisches Offset-Reflektiv-System ORS18

für Buntton *h = lab*h = 354/360 = 0.982**

LAB*LCH, LAB*NCH



D65: Buntton M

LCH*Ma: 48 76 354

olv*Ma: 1.0 0.0 1.0

ORS18; adaptierte CIELAB-Daten

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_m	47.94	65.39	50.52	82.63	38
Y_m	90.37	−10.26	91.75	92.32	96
L_m	50.9	−62.83	34.96	71.91	151
C_m	58.62	−30.34	−45.01	54.3	236
V_m	25.72	31.1	−44.4	54.22	305
M_m	48.13	75.28	−8.36	75.74	354
N_m	18.01	0.0	0.0	0.0	0
W_m	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

CIELAB-Helligkeit *L**

%Umfang

u^*_{rel} = 93

%Regularität

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

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

100
75
50
25
0

*n** = 0,00
*n** = 0,25
*n** = 0,50
*n** = 0,75
*n** = 1,00

0 25 50 75 100

Schwarzheit *n**

CIELAB Buntheit C^*_{ab}

NG260−7, 5 stufige Reihen für konstanten CIELAB Buntton 328/360 = 0.911 (links)

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

Eingabe: Farbmetrisches Fernseh-Licht-System TLS18

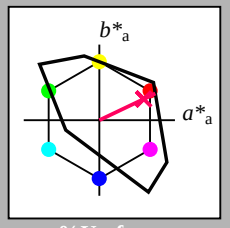
für Buntton *h = lab*h = 25/360 = 0.071**

lab*tch* und *lab*nch

D65: Buntton R

LCH*Ma: 54 82 25

olv*Ma: 1.0 0.0 0.14



TLS18; adaptierte CIELAB-Daten

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_m	52.76	71.63	49.88	87.29	35
Y_m	92.74	−20.02	84.97	87.3	103
L_m	84.0	−78.98	73.94	108.2	137
C_m	87.14	−44.41	−13.11	46.32	196
V_m	35.47	64.92	−95.06	115.12	304
M_m	59.01	89.33	−55.67	105.26	328
N_m	18.01	0.0	0.0	0.0	0
W_m	95.41	0.0	0.0	0.0	0
R_m	39.92	58.74	27.99	65.07	25
J_m	81.26	−2.88	71.56	71.62	92
G_m	52.23	−42.41	13.6	44.55	162
B_m	30.57	1.41	−46.46	46.49	272

Dreiecks-Helligkeit *t**

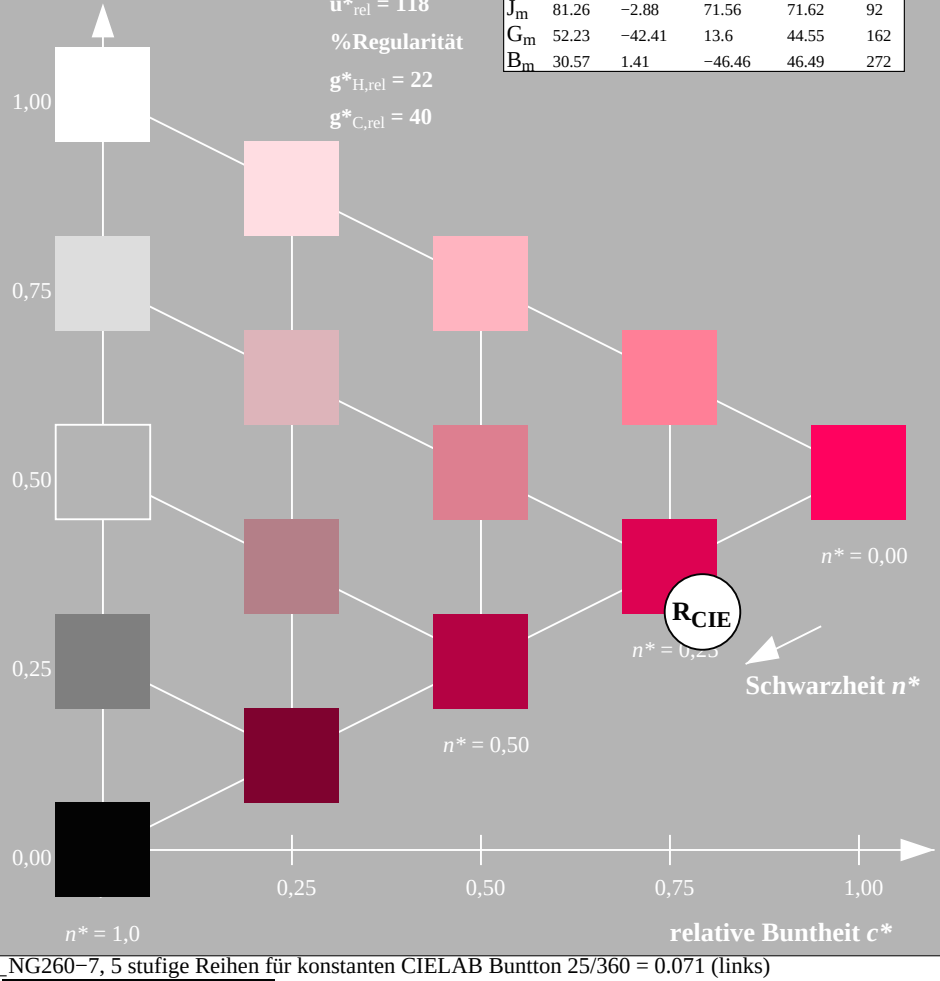
%Umfang

u^*_{rel} = 118

%Regularität

$g^*_{H,rel}$ = 22

$g^*_{C,rel}$ = 40



Ausgabe: Farbmetrisches Offset-Reflektiv-System ORS18

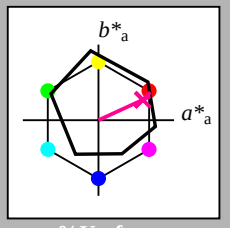
für Buntton *h = lab*h = 25/360 = 0.069**

LAB*LCH, LAB*NCH

D65: Buntton R

LCH*Ma: 48 75 25

olv*Ma: 1.0 0.0 0.32



ORS18; adaptierte CIELAB-Daten

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_m	47.94	65.39	50.52	82.63	38
Y_m	90.37	−10.26	91.75	92.32	96
L_m	50.9	−62.83	34.96	71.91	151
C_m	58.62	−30.34	−45.01	54.3	236
V_m	25.72	31.1	−44.4	54.22	305
M_m	48.13	75.28	−8.36	75.74	354
N_m	18.01	0.0	0.0	0.0	0
W_m	95.41	0.0	0.0	0.0	0
R_m	39.92	58.66	26.98	64.57	25
J_m	81.26	−2.16	67.76	67.79	92
G_m	52.23	−42.25	11.76	43.87	164
B_m	30.57	1.15	−46.84	46.86	271

CIELAB-Helligkeit *L**

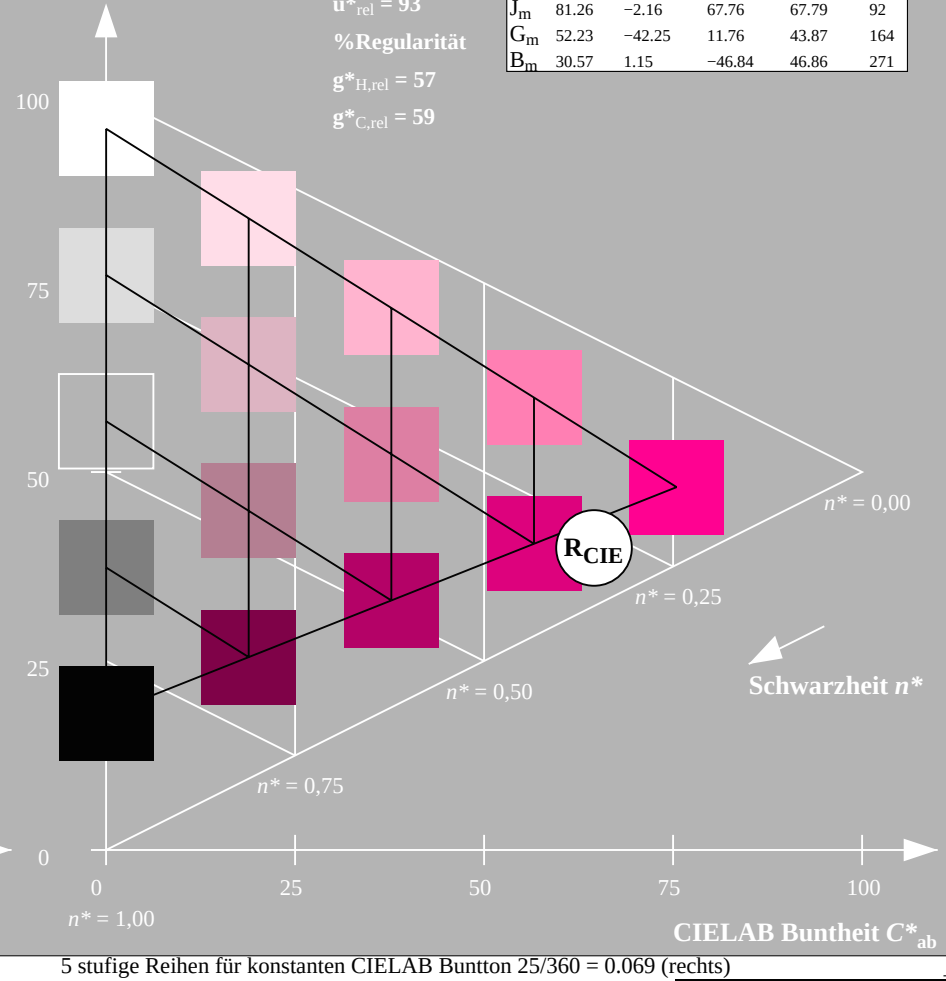
%Umfang

u^*_{rel} = 93

%Regularität

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

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



NG260−7, 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 NG26; Farbmetrik-Systeme TLS18 & ORS18 input: *olv* setrgbcolor*
D65: Koordinatensysteme; 5stufige Farbreihen für 10 Bunttöne output: *olv* setrgbcolor / w* setgray*

Eingabe: Farbmetrisches Fernseh-Licht-System TLS18

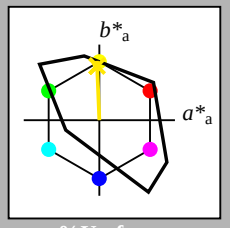
für Buntton *h = lab*h = 92/360 = 0.256**

lab*tch* und *lab*nch

D65: Buntton J

LCH*Ma: 85 79 92

olv*Ma: 1.0 0.82 0.0



TLS18; adaptierte CIELAB-Daten

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_m	52.76	71.63	49.88	87.29	35
Y_m	92.74	−20.02	84.97	87.3	103
L_m	84.0	−78.98	73.94	108.2	137
C_m	87.14	−44.41	−13.11	46.32	196
V_m	35.47	64.92	−95.06	115.12	304
M_m	59.01	89.33	−55.67	105.26	328
N_m	18.01	0.0	0.0	0.0	0
W_m	95.41	0.0	0.0	0.0	0
R_m	39.92	58.74	27.99	65.07	25
J_m	81.26	−2.88	71.56	71.62	92
G_m	52.23	−42.41	13.6	44.55	162
B_m	30.57	1.41	−46.46	46.49	272

Dreiecks-Helligkeit *t**

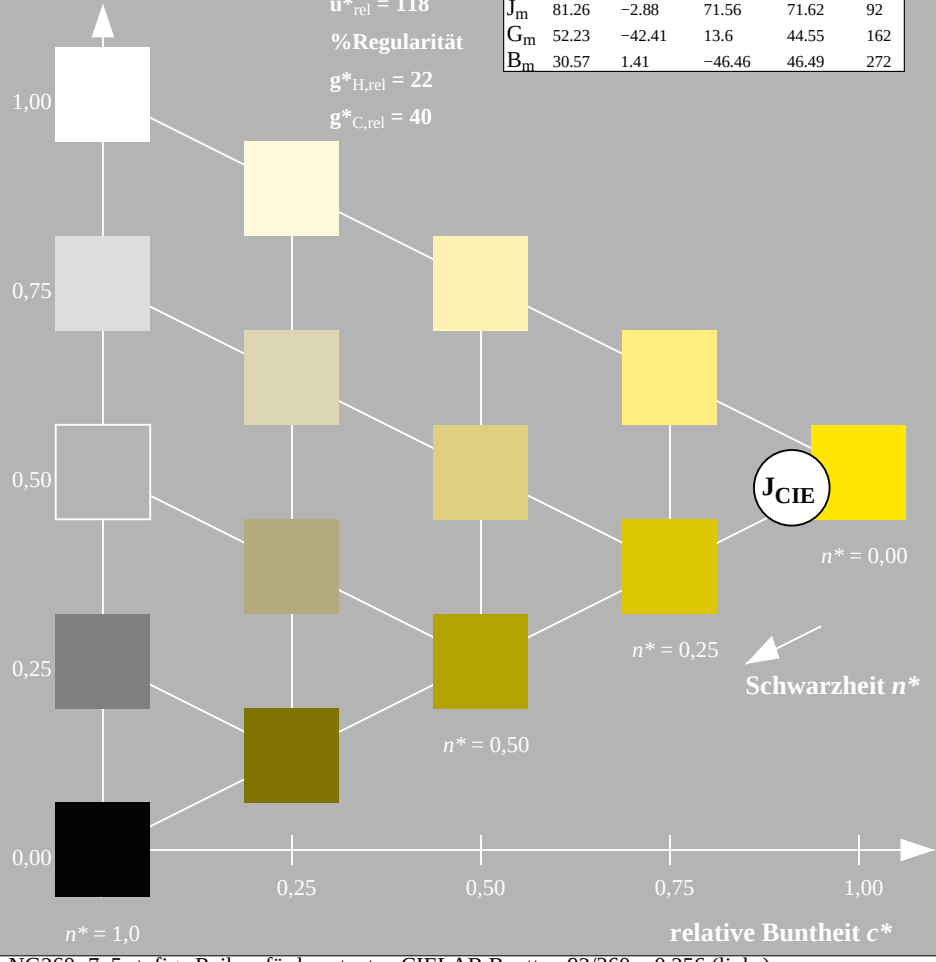
%Umfang

u^*_{rel} = 118

%Regularität

$g^*_{H,rel}$ = 22

$g^*_{C,rel}$ = 40



Ausgabe: Farbmetrisches Offset-Reflektiv-System ORS18

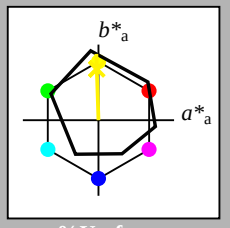
für Buntton *h = lab*h = 92/360 = 0.255**

LAB*LCH, LAB*NCH

D65: Buntton J

LCH*Ma: 86 88 92

olv*Ma: 1.0 0.9 0.0



ORS18; adaptierte CIELAB-Daten

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_m	47.94	65.39	50.52	82.63	38
Y_m	90.37	−10.26	91.75	92.32	96
L_m	50.9	−62.83	34.96	71.91	151
C_m	58.62	−30.34	−45.01	54.3	236
V_m	25.72	31.1	−44.4	54.22	305
M_m	48.13	75.28	−8.36	75.74	354
N_m	18.01	0.0	0.0	0.0	0
W_m	95.41	0.0	0.0	0.0	0
R_m	39.92	58.66	26.98	64.57	25
J_m	81.26	−2.16	67.76	67.79	92
G_m	52.23	−42.25	11.76	43.87	164
B_m	30.57	1.15	−46.84	46.86	271

CIELAB-Helligkeit *L**

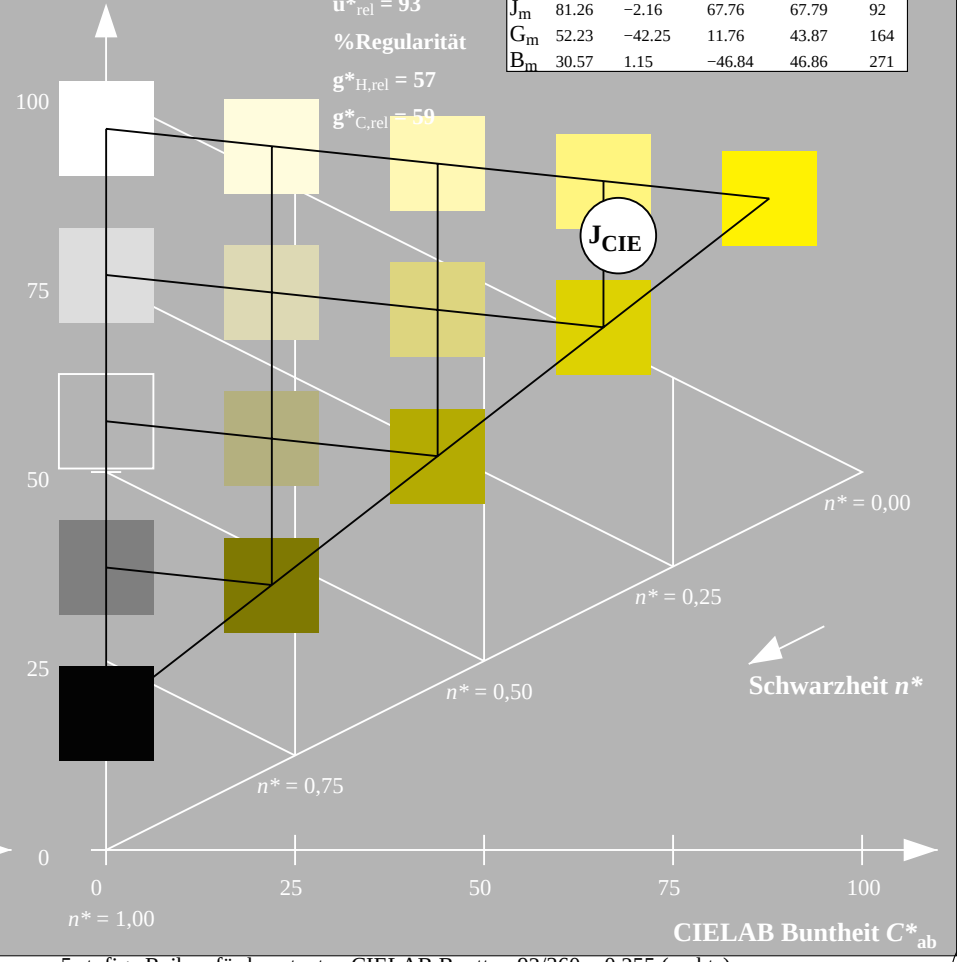
%Umfang

u^*_{rel} = 93

%Regularität

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

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



NG260−7, 5 stufige Reihen für konstanten CIELAB Buntton 92/360 = 0.256 (links)

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

BAM-Prüfvorlage NG26; Farbmetrik-Systeme TLS18 & ORS18 input: *olv* setrgbcolor*
D65: Koordinatensysteme; 5stufige Farbreihen für 10 Bunttöne output: *olv* setrgbcolor / w* setgray*

Eingabe: Farbmetrisches Fernseh-Licht-System TLS18

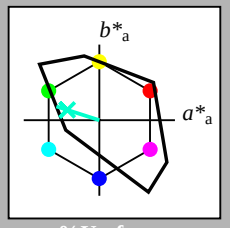
für Buntton *h = lab*h = 162/360 = 0.451**

lab*tch* und *lab*nch

D65: Buntton G

LCH*Ma: 86 60 162

olv*Ma: 0.0 1.0 0.64



TLS18; adaptierte CIELAB-Daten

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_m	52.76	71.63	49.88	87.29	35
Y_m	92.74	−20.02	84.97	87.3	103
L_m	84.0	−78.98	73.94	108.2	137
C_m	87.14	−44.41	−13.11	46.32	196
V_m	35.47	64.92	−95.06	115.12	304
M_m	59.01	89.33	−55.67	105.26	328
N_m	18.01	0.0	0.0	0.0	0
W_m	95.41	0.0	0.0	0.0	0
R_m	39.92	58.74	27.99	65.07	25
J_m	81.26	−2.88	71.56	71.62	92
G_m	52.23	−42.41	13.6	44.55	162
B_m	30.57	1.41	−46.46	46.49	272

Dreiecks-Helligkeit *t**

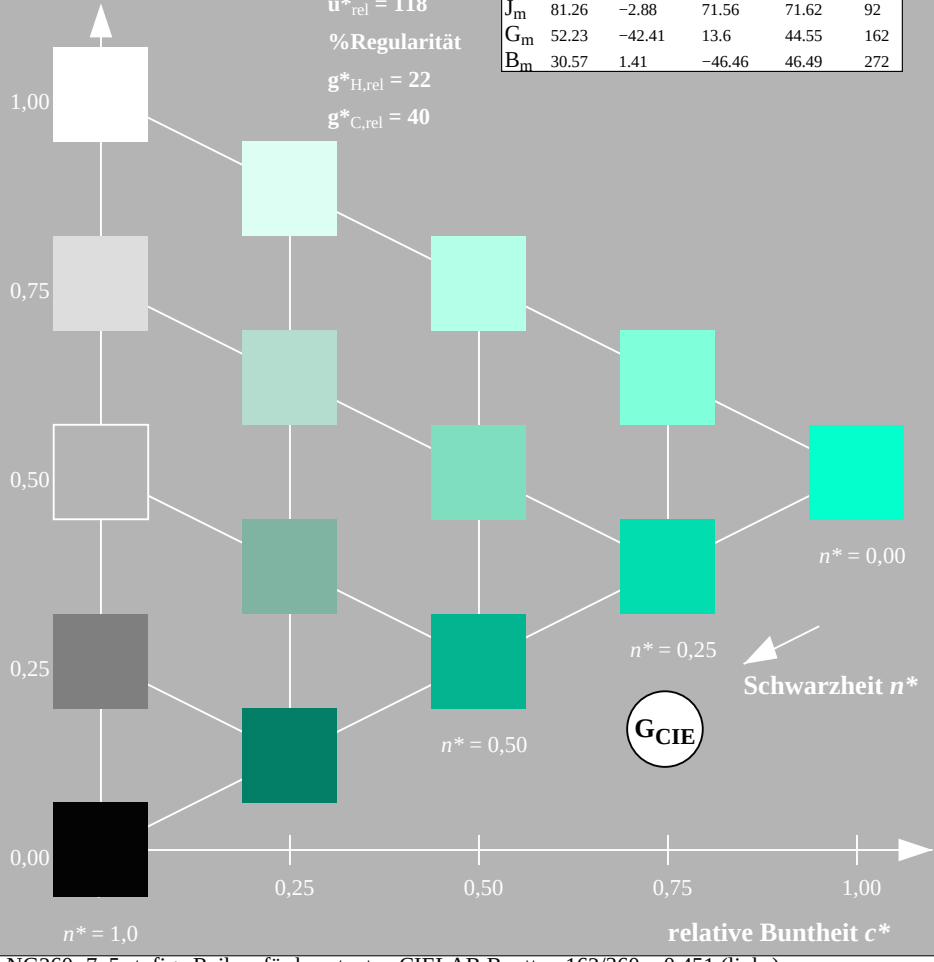
%Umfang

u^*_{rel} = 118

%Regularität

$g^*_{H,rel}$ = 22

$g^*_{C,rel}$ = 40



Ausgabe: Farbmetrisches Offset-Reflektiv-System ORS18

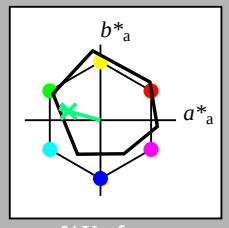
für Buntton *h = lab*h = 164/360 = 0.457**

LAB*LCH, LAB*NCH

D65: Buntton G

LCH*Ma: 53 57 164

olv*Ma: 0.0 1.0 0.25



ORS18; adaptierte CIELAB-Daten

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_m	47.94	65.39	50.52	82.63	38
Y_m	90.37	−10.26	91.75	92.32	96
L_m	50.9	−62.83	34.96	71.91	151
C_m	58.62	−30.34	−45.01	54.3	236
V_m	25.72	31.1	−44.4	54.22	305
M_m	48.13	75.28	−8.36	75.74	354
N_m	18.01	0.0	0.0	0.0	0
W_m	95.41	0.0	0.0	0.0	0
R_m	39.92	58.66	26.98	64.57	25
J_m	81.26	−2.16	67.76	67.79	92
G_m	52.23	−42.25	11.76	43.87	164
B_m	30.57	1.15	−46.84	46.86	271

CIELAB-Helligkeit *L**

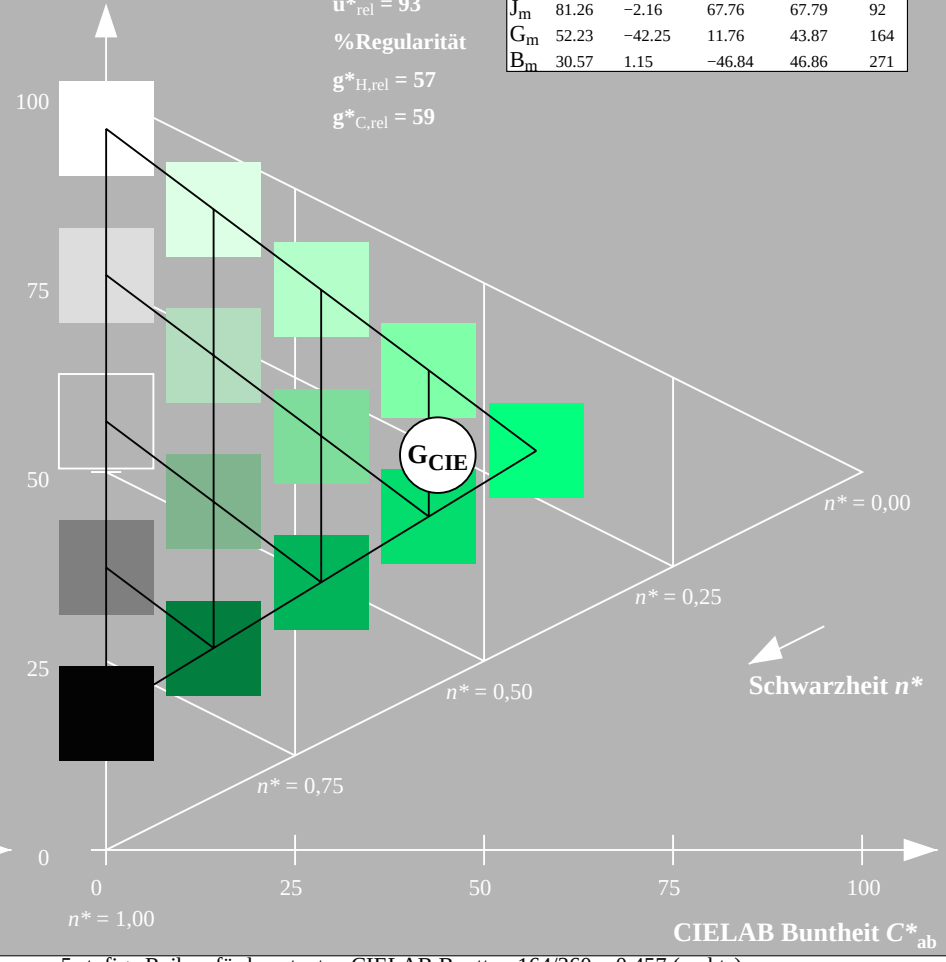
%Umfang

u^*_{rel} = 93

%Regularität

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

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



NG260−7, 5 stufige Reihen für konstanten CIELAB Buntton 162/360 = 0.451 (links)

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

Eingabe: Farbmetrisches Fernseh-Licht-System TLS18

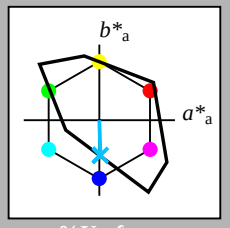
für Buntton *h = lab*h = 272/360 = 0.755**

lab*tch* und *lab*nch

D65: Buntton B

LCH*Ma: 65 48 272

olv*Ma: 0.0 0.58 1.0



%Umfang

u^*_{rel} = 118

%Regularität

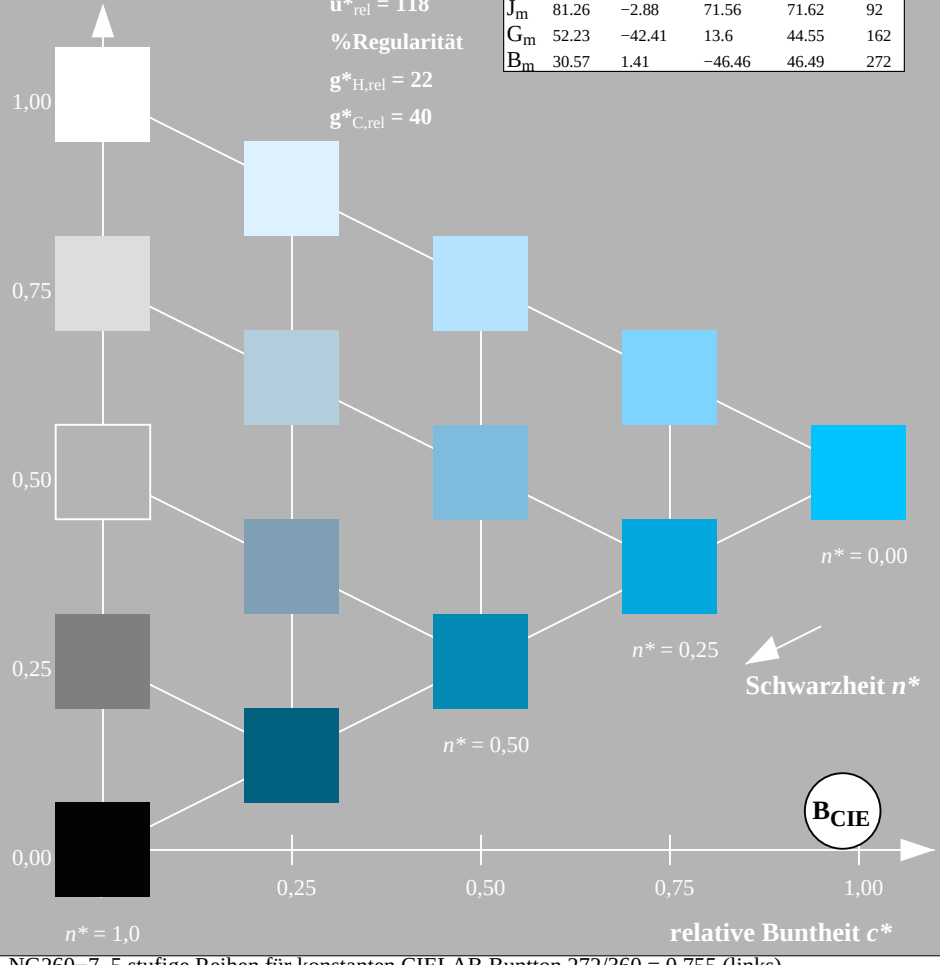
$g^*_{H,rel}$ = 22

$g^*_{C,rel}$ = 40

TLS18; adaptierte CIELAB-Daten

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_m	52.76	71.63	49.88	87.29	35
Y_m	92.74	−20.02	84.97	87.3	103
L_m	84.0	−78.98	73.94	108.2	137
C_m	87.14	−44.41	−13.11	46.32	196
V_m	35.47	64.92	−95.06	115.12	304
M_m	59.01	89.33	−55.67	105.26	328
N_m	18.01	0.0	0.0	0.0	0
W_m	95.41	0.0	0.0	0.0	0
R_m	39.92	58.74	27.99	65.07	25
J_m	81.26	−2.88	71.56	71.62	92
G_m	52.23	−42.41	13.6	44.55	162
B_m	30.57	1.41	−46.46	46.49	272

Dreiecks-Helligkeit *t**



Ausgabe: Farbmetrisches Offset-Reflektiv-System ORS18

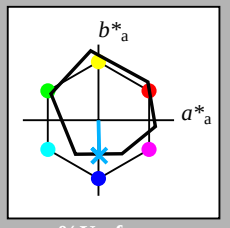
für Buntton *h = lab*h = 271/360 = 0.754**

LAB*LCH, LAB*NCH

D65: Buntton B

LCH*Ma: 42 45 271

olv*Ma: 0.0 0.49 1.0



%Umfang

u^*_{rel} = 93

%Regularität

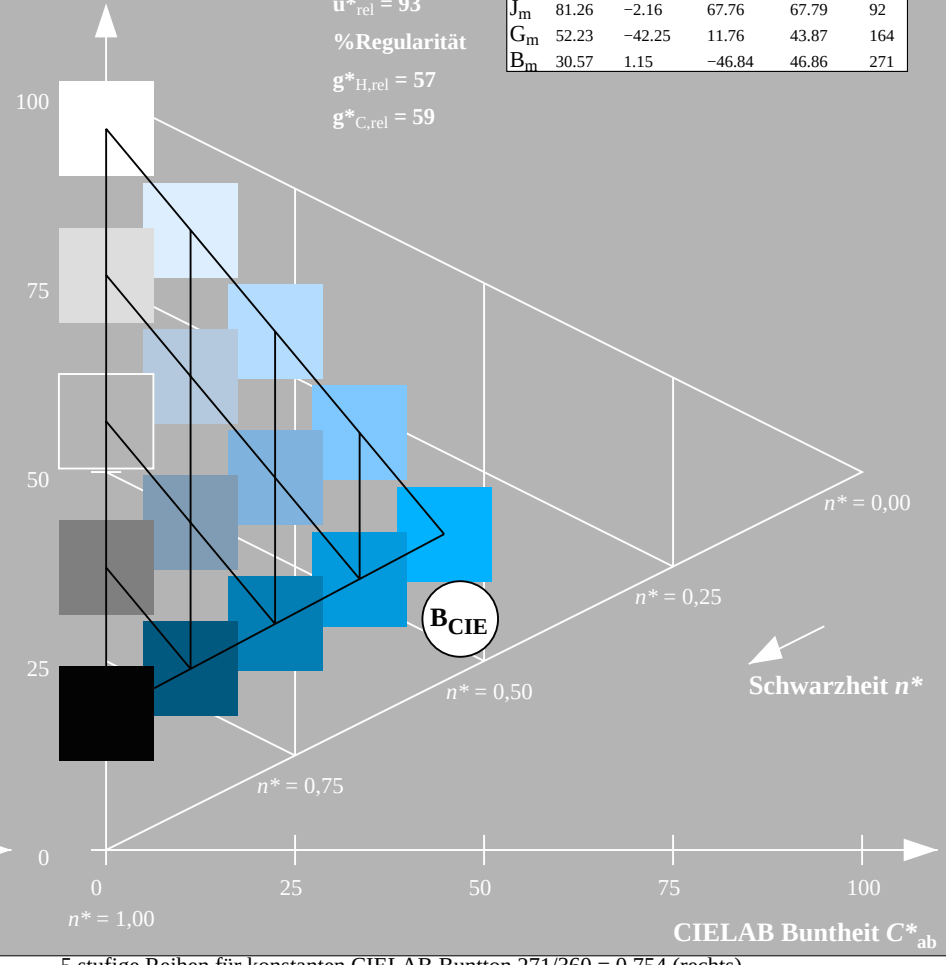
$g^*_{H,rel}$ = 57

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

ORS18; adaptierte CIELAB-Daten

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_m	47.94	65.39	50.52	82.63	38
Y_m	90.37	−10.26	91.75	92.32	96
L_m	50.9	−62.83	34.96	71.91	151
C_m	58.62	−30.34	−45.01	54.3	236
V_m	25.72	31.1	−44.4	54.22	305
M_m	48.13	75.28	−8.36	75.74	354
N_m	18.01	0.0	0.0	0.0	0
W_m	95.41	0.0	0.0	0.0	0
R_m	39.92	58.66	26.98	64.57	25
J_m	81.26	−2.16	67.76	67.79	92
G_m	52.23	−42.25	11.76	43.87	164
B_m	30.57	1.15	−46.84	46.86	271

CIELAB-Helligkeit *L**



NG260−7, 5 stufige Reihen für konstanten CIELAB Buntton 272/360 = 0.755 (links)

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