

Eingabe: Farbmetrisches Fernseh-Licht-System TLS00

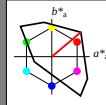
für Buntton $h^* = lab^*h = 40/360 = 0.111$

LAB*LCH, LAB*NCH

D65: Buntton O

LCH*Ma: 51 100 40

olv*Ma: 1.0 0.0 0.0



CIELAB-Helligkeit L^*

%Umfang

$u^*_{rel} = 158$

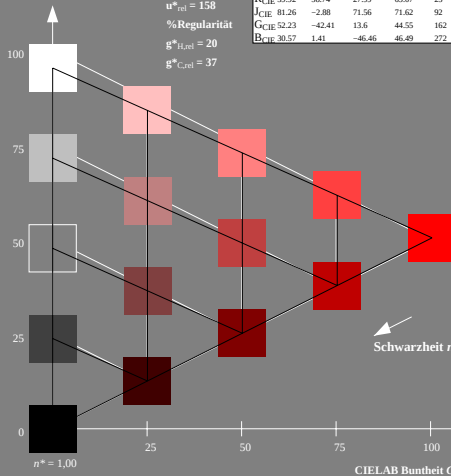
%Regularität

$g^*_{H,rel} = 20$

$g^*_{C,rel} = 37$

TLS00; adaptierte CIE LAB-Daten

$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{M4} 50.5	76.92	64.55	100.42	40
Y_{M4} 92.66	-20.69	90.75	93.08	103
L_{M4} 83.63	-82.75	79.9	115.04	136
C_{M4} 86.88	-46.16	-13.55	48.12	196
V_{M4} 30.39	76.06	-103.59	128.52	306
M_{M4} 57.3	94.35	-58.41	110.97	328
N_{M4} 0.01	0.0	0.0	0.0	0
W_{M4} 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



NG35→7, 5 stufige Reihen für konstanten CIELAB Buntton 40/360 = 0.111 (links)

Ausgabe: Farbmetrisches Offset-Reflektiv-System ORS18

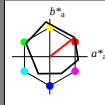
für Buntton $h^* = lab^*h = 38/360 = 0.105$

LAB*LCH, LAB*NCH

D65: Buntton O

LCH*Ma: 48 83 38

olv*Ma: 1.0 0.0 0.0



CIELAB-Helligkeit L^*

%Umfang

$u^*_{rel} = 93$

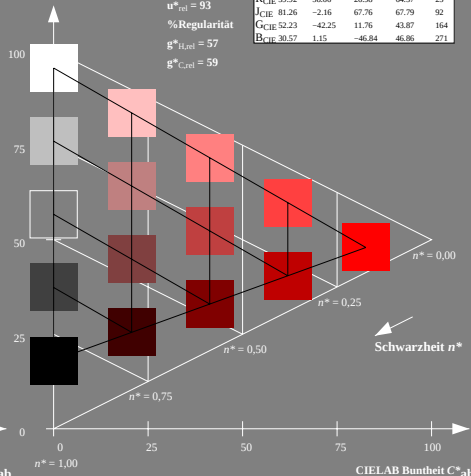
%Regularität

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

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

ORS18; adaptierte CIE LAB-Daten

$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{M4} 47.94	65.39	50.52	82.63	38
Y_{M4} 90.37	-10.26	91.75	92.32	96
L_{M4} 50.9	-62.83	34.96	71.91	151
C_{M4} 58.62	-30.34	-45.01	54.3	236
V_{M4} 25.72	31.1	-44.4	54.22	305
M_{M4} 48.13	75.28	-8.36	75.74	354
N_{M4} 18.01	0.0	0.0	0.0	0
W_{M4} 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



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

BAM-Prüfvorlage NG35; Farbmetrik-Systeme TLS00 & ORS18 input: olv* setrgbcolor

D65: Koordinatensysteme; 5stufige Farbreihen für 10 Bunttöne output: olv* setrgbcolor / w* setgray