

Eingabe: Farbmatisches Fernseh-Licht-System TLS00

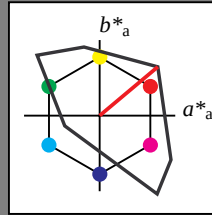
für Buntton $h^* = lab^*h = 40/360 = 0.111$ lab^*tch und lab^*nch

D65: Buntton O

LCH*Ma: 51 100 40

olv*Ma: 1.0 0.0 0.0

Dreiecks-Helligkeit



TLS00; adaptierte CIELAB-Daten					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	50.5	76.92	64.55	100.42	40
Y _{Ma}	92.66	-20.69	90.75	93.08	103
L _{Ma}	83.63	-82.75	79.9	115.04	136
C _{Ma}	86.88	-46.16	-13.55	48.12	196
V _{Ma}	30.39	76.06	-103.59	128.52	306
M _{Ma}	57.3	94.35	-58.41	110.97	328
N _{Ma}	0.01	0.0	0.0	0.0	0
W _{Ma}	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

%Regularität

 $g^*_{H,rel} = 20$ $g^*_{C,rel} = 37$

1,00

0,75

 $n^* = 0,00$

0,25

 $n^* = 0,25$ $n^* = 0,50$ $n^* = 1,0$ relative Buntheit c^*

OG45-7, 5 stufige Reihen für konstanten CIELAB Buntton 40/360 = 0.111 (links)

BAM-Prüfvorlage OG45; Farbmatrik-Systeme ORS18 & ORS18input: $cmY0^* setcmykcolor$ D65: 5stufige Farbreihen und Koordinatendaten für 10 Bunttöne output: *Startup (S) data dependend*

Ausgabe: Farbmatisches Offset-Reflektiv-System ORS18

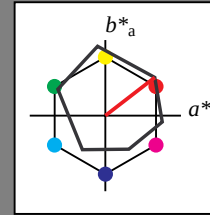
für Buntton $h^* = lab^*h = 38/360 = 0.105$ lab^*tch und lab^*nch

D65: Buntton O

LCH*Ma: 48 83 38

olv*Ma: 1.0 0.0 0.0

Dreiecks-Helligkeit



%Umfang

 $u^*_{rel} = 93$

relative Inform. Technology (IT)					
olvi3*	1.0	1.0	1.0	(1.0)	
cmY3*	0.0	0.0	0.0	(0.0)	
olvi4*	1.0	1.0	1.0	(1.0)	
cmY4*	0.0	0.0	0.0	(0.0)	
standard and adapted CIELAB					
LAB*LAB	95.41	-0.98	4.75		
LAB*TChA	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)	
cmY3*	0.25	0.25	0.25	(0.0)	
olvi4*	1.0	1.0	1.0	(1.0)	
cmY4*	0.0	0.0	0.0	(0.0)	
standard and adapted CIELAB					
LAB*LAB	76.06	-0.61	3.44		
LAB*TChA	76.06	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	0.0	0.0	0.0		
lab*trj	0.75	0.0	0.0		
relative Natural Colour (NC)					
lab*trj	0.75	0.0	0.0		
lab*tch	0.75	0.0	0.0		
lab*nch	0.0	0.0	0.0		

relative Inform. Technology (IT)					
olvi3*	0.5	0.5	0.5	(1.0)	
cmY3*	0.5	0.5	0.5	(0.0)	
olvi4*	1.0	1.0	1.0	(1.0)	
cmY4*	0.0	0.0	0.0	(0.0)	
standard and adapted CIELAB					
LAB*LAB	56.71	0.24	2.14		
LAB*TChA	56.71	0.0	0.0		
relative CIELAB lab*					
lab*lab	0.5	0.0	0.0		
lab*tch	0.5	0.0	0.0		
lab*nch	0.0	0.0	0.0		
lab*trj	0.5	0.0	0.0		
relative Natural Colour (NC)					
lab*trj	0.5	0.0	0.0		
lab*tch	0.5	0.0	0.0		
lab*nch	0.0	0.0	0.0		

relative Inform. Technology (IT)					
olvi3*	0.25	0.25	0.25	(1.0)	
cmY3*	0.75	0.75	0.75	(0.0)	
olvi4*	1.0	1.0	1.0	(1.0)	
cmY4*	0.0	0.0	0.0	(0.0)	
standard and adapted CIELAB					
LAB*LAB	37.36	0.13	0.83		
LAB*TChA	37.36	0.0	0.0		
relative CIELAB lab*					
lab*lab	0.25	0.0	0.0		
lab*tch	0.25	0.0	0.0		
lab*nch	0.0	0.0	0.0		
lab*trj	0.25	0.0	0.0		
relative Natural Colour (NC)					
lab*trj	0.25	0.0	0.0		
lab*tch	0.25	0.0	0.0		
lab*nch	0.0	0.0	0.0		

relative Inform. Technology (IT)					
olvi3*	0.0	0.0	0.0	(1.0)	
cmY3*	1.0	1.0	1.0	(0.0)	
olvi4*	1.0	1.0	1.0	(1.0)	
cmY4*	0.0	0.0	0.0	(0.0)	
standard and adapted CIELAB					
LAB*LAB	18.02	0.5	0.47		
LAB*TChA	18.02	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	0.0	0.0	0.0		
lab*trj	0.0	0.0	0.0		
relative Natural Colour (NC)					
lab*trj	0.0	0.0	0.0		
lab*tch	0.0	0.0	0.0		
lab*nch	0.0	0.0	0.0		

relative Inform. Technology (IT)					
olvi3*	0.0	0.0	0.0	(1.0)	
cmY3*	1.0	1.0	1.0	(0.0)	
olvi4*	1.0	1.0	1.0	(1.0)	
cmY4*	0.0	0.0	0.0	(0.0)	
standard and adapted CIELAB					
LAB*LAB	18.02	0.5	0.47		
LAB*TChA	18.02	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	0.0	0.0	0.0		
lab*trj	0.0	0.0	0.0		
relative Natural Colour (NC)					
lab*trj	0.0	0.0	0.0		
lab*tch	0.0	0.0	0.0		
lab*nch	0.0	0.0	0.0		

 $n^* = 1,0$

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

relative Inform. Technology (IT)					
olvi3*	1.0	0.75	0.75	(1.0)	
cmY3*	0.0	0.25	0.25	(0.0)	
olvi4*	1.0	0.75	0.75	(1.0)	
cmY4*	0.0	0.25	0.25	(0.0)	
standard and adapted CIELAB					
LAB*LAB	83.54	15.58	16.58		
LAB*TChA	83.54	16.34	12.62		
LAB*TChA	87.5	20.65	37.69		
relative CIELAB lab*					
lab*lab	0.847	0.198	0.153		
lab*tch	0.875	0.25	0.105		
lab*nch	0.0	0.5	0.105		
lab*trj	0.847	0.238	0.075		
lab*tch	0.875	0.25	0.048		
lab*nch	0.0	0.25	0.19		

relative Inform. Technology (IT)					
olvi3*	0.75	0.5	0.5	(1.0)	
cmY3*	0.25	0.5	0.5	(0.0)	
olvi4*	1.0	0.75	0.75	(1.0)	
cmY4*	0.0	0.25	0.25	(0.0)	
standard and adapted CIELAB					
LAB*LAB	64.19	15.96	15.28		
LAB*TChA	64.19	16.35	12.63		
LAB*TChA	62.5	20.66	37.69		
relative CIELAB lab*					
lab*lab	0.597	0.198	0.153		
lab*tch	0.625	0.25	0.105		
lab*nch	0.0	0.5	0.105		
lab*trj	0.597	0.238	0.075		
lab*tch	0.625	0.25	0.048		
lab*nch	0.0	0.25	0.19		

relative Inform. Technology (IT)					
olvi3*	0.5	0.25	0.25	(1.0)	
cmY3*	0.5	0.75	0.75	(0.0)	
olvi4*	1.0	0.5	0.5	(1.0)	
cmY4*	0.0	0.25	0.25	(0.0)	
standard and adapted CIELAB					
LAB*LAB	52.33	32.53	27.11		
LAB*TChA	52.33	32.69	25.26		
LAB*TChA	50.0	41.31	37.69		
relative CIELAB lab*					
lab*lab	0.443	0.396	0.306		
lab*tch	0.5	0.5	0.105		
lab*nch	0.0	0.5	0.105		
lab*trj	0.443	0.477	0.15		
lab*tch	0.443	0.5	0.048		
lab*nch	0.0	0.25	0.19		

relative Inform. Technology (IT)					
olvi3*	0.25	0.0	0.0	(1.0)	
cmY3*	0.75	1.0	1.0	(0.0)	
olvi4*	1.0	0.5	0.5	(1.0)	
cmY4*	0.0	0.5	0.5	(0.0)	
standard and adapted CIELAB					
LAB*LAB	32.98	32.9	25.8		
LAB*TChA	32.98	32.69	25.25		
LAB*TChA	25.01	41.31	37.69		
relative CIELAB lab*					
lab*lab	0.193	0.396	0.306		
lab*tch	0.25	0.5	0.105		
lab*nch	0.0	0.5	0.105		
lab*trj	0.193	0.477	0.15		
lab*tch	0.25	0.5	0.048		
lab*nch	0.0	0.25	0.19		

relative Inform. Technology (IT)					
olvi3*	0.0	0.0	0.0	(1.0)	
cmY3*	1.0	1.0	1.0	(0.0)	
olvi4*	1.0	1.0	1.0	(1.0)	
cmY4*	0.0	0.0	0.0	(0.0)	
standard and adapted CIELAB					
LAB*LAB	18.02	0.5	0.47		
LAB*TChA	18.02	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	0.0	0.0	0.0		
lab*trj	0.0	0.0	0.0		
relative Natural Colour (NC)					
lab*trj	0.0	0.0	0.0		
lab*tch	0.0	0.0	0.0		
lab*nch	0.0	0.0	0.0		

relative Inform. Technology (IT)			
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Eingabe: Farbmatisches Fernseh-Licht-System TLS00

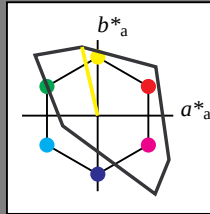
für Buntton $h^* = lab^*h = 103/360 = 0.286$ lab^*tch und lab^*nch

D65: Buntton Y

LCH*Ma: 93 93 103

olv*Ma: 1.0 1.0 0.0

Dreiecks-Helligkeit



TLS00; adaptierte CIELAB-Daten					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	50.5	76.92	64.55	100.42	40
Y _{Ma}	92.66	-20.69	90.75	93.08	103
L _{Ma}	83.63	-82.75	79.9	115.04	136
C _{Ma}	86.88	-46.16	-13.55	48.12	196
V _{Ma}	30.39	76.06	-103.59	128.52	306
M _{Ma}	57.3	94.35	-58.41	110.97	328
N _{Ma}	0.01	0.0	0.0	0.0	0
W _{Ma}	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

%Regularität

 $g^*_{H,rel} = 20$ $g^*_{C,rel} = 37$

1,00

0,75

 $n^* = 0,00$

0,25

 $n^* = 0,25$ $n^* = 0,50$ $n^* = 1,0$ relative Buntheit c^*

OG450-7, 5 stufige Reihen für konstanten CIELAB Buntton 103/360 = 0.286 (links)

BAM-Prüfvorlage OG45; Farbmatrik-Systeme ORS18 & ORS18input: *cmv0* setcmykcolor*D65: 5stufige Farbreihen und Koordinatendaten für 10 Bunttöne output: *Startup (S) data dependend*

Ausgabe: Farbmatisches Offset-Reflektiv-System ORS18

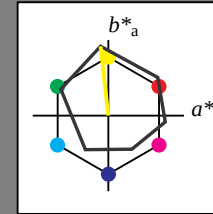
für Buntton $h^* = lab^*h = 96/360 = 0.268$ lab^*tch und lab^*nch

D65: Buntton Y

LCH*Ma: 90 92 96

olv*Ma: 1.0 1.0 0.0

Dreiecks-Helligkeit



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 96/360 = 0.268 (rechts)

Eingabe: Farbmatisches Fernseh-Licht-System TLS00

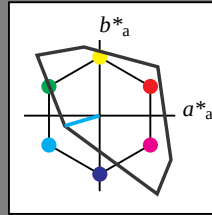
für Buntton $h^* = lab^*h = 196/360 = 0.545$ lab^*tch und lab^*nch

D65: Buntton C

LCH*Ma: 87 48 196

olv*Ma: 0.0 1.0 1.0

Dreiecks-Helligkeit



TLS00; adaptierte CIELAB-Daten

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	50.5	76.92	64.55	100.42	40
Y _{Ma}	92.66	-20.69	90.75	93.08	103
L _{Ma}	83.63	-82.75	79.9	115.04	136
C _{Ma}	86.88	-46.16	-13.55	48.12	196
V _{Ma}	30.39	76.06	-103.59	128.52	306
M _{Ma}	57.3	94.35	-58.41	110.97	328
N _{Ma}	0.01	0.0	0.0	0.0	0
W _{Ma}	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

%Regularität

 $g^*_{H,rel} = 20$ $g^*_{C,rel} = 37$

1,00

0,75

 $n^* = 0,00$

0,25

 $n^* = 0,25$ $n^* = 0,50$ Schwarzheit n^* $n^* = 1,0$ relative Buntheit c^*

OG450-7, 5 stufige Reihen für konstanten CIELAB Buntton 196/360 = 0.545 (links)

BAM-Prüfvorlage OG45; Farbmatrik-Systeme ORS18 & ORS18input: *cmY0* setcmykcolor*D65: 5stufige Farbreihen und Koordinatendaten für 10 Bunttöne output: *Startup (S) data dependend*

Ausgabe: Farbmatisches Offset-Reflektiv-System ORS18

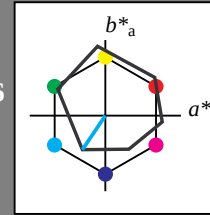
für Buntton $h^* = lab^*h = 236/360 = 0.656$ lab^*tch und lab^*nch

D65: Buntton C

LCH*Ma: 59 54 236

olv*Ma: 0.0 1.0 1.0

Dreiecks-Helligkeit



%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
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

 $n^* = 0,25$ Schwarzheit n^* $n^* = 1,0$ relative Buntheit c^*

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

Eingabe: Farbmétrisches Fernseh-Licht-System TLS00

für Buntton $h^* = lab^*h = 306/360 = 0.851$

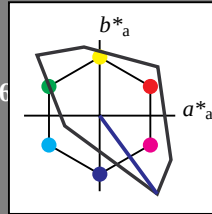
*lab*tch* und *lab*nch*

D65: Buntton V

LCH*Ma: 30 129 306

olv*Ma: 0.0 0.0 1.0

Dreiecks-Helligkeit

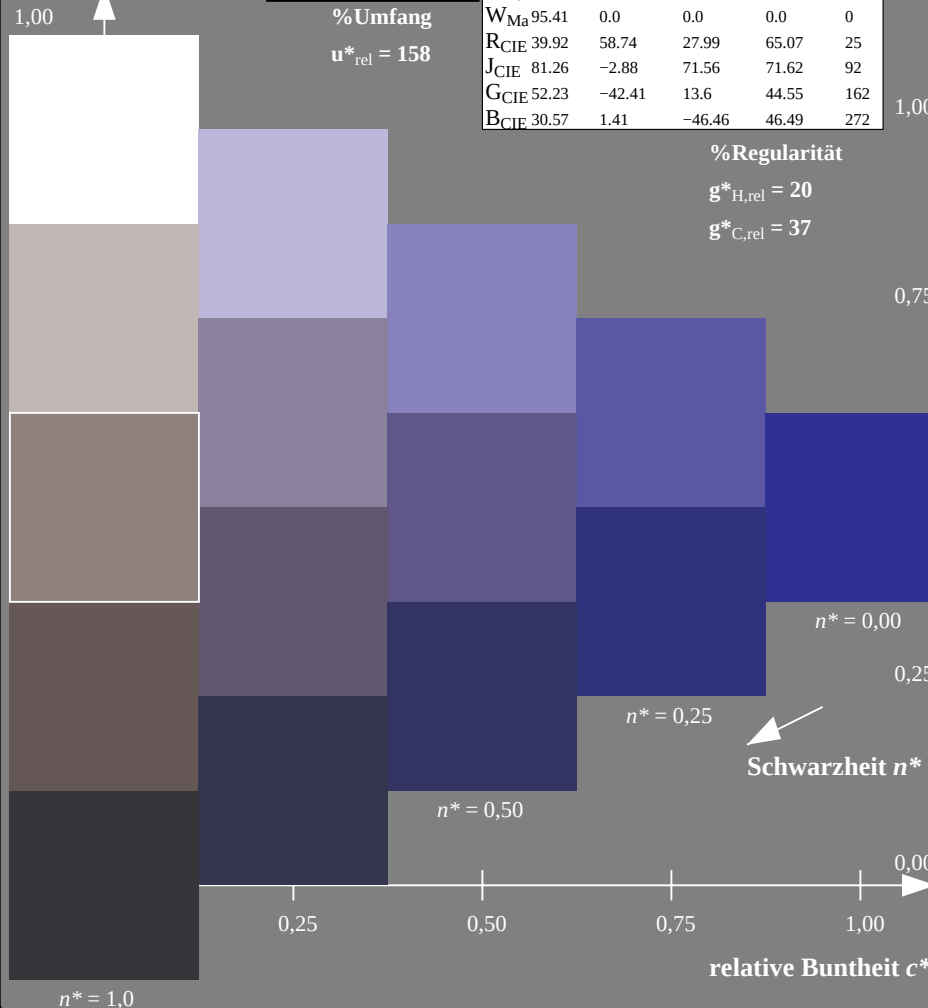


%Umfang

$$\mathbf{u}_{\text{rel}}^* = 158$$

TLS00; adaptierte CIELAB-Daten					
	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	50.5	76.92	64.55	100.42	40
Y _{Ma}	92.66	-20.69	90.75	93.08	103
L _{Ma}	83.63	-82.75	79.9	115.04	136
C _{Ma}	86.88	-46.16	-13.55	48.12	196
V _{Ma}	30.39	76.06	-103.59	128.52	306
M _{Ma}	57.3	94.35	-58.41	110.97	328
N _{Ma}	0.01	0.0	0.0	0.0	0
W _{Ma}	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

%Regularität

$$g^*_{H,rel} = 20$$
$$g^*_{C,rel} = 37$$


OG450-7, 5 stufige Reihen für konstanten CIELAB Buntton 306/360 = 0.851 (links)

BAM-Prüfvorlage OG45; Farbmatrik-Systeme ORS18 & ORS18input: *cmy0* setcmykcolor*

D65: 5stufige Farbreihen und Koordinatendaten für 10 Bunttöne output: *Startup (S) data dependend*

Ausgabe: Farbmétrisches Offset-Reflektiv-System ORS18

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

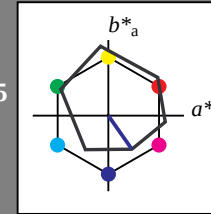
*lab*tch* und *lab*nch*

D65: Buntton V

LCH*Ma: 26 54 305

olv*Ma: 0.0 0.0 1.0

Dreiecks-Helligkeit

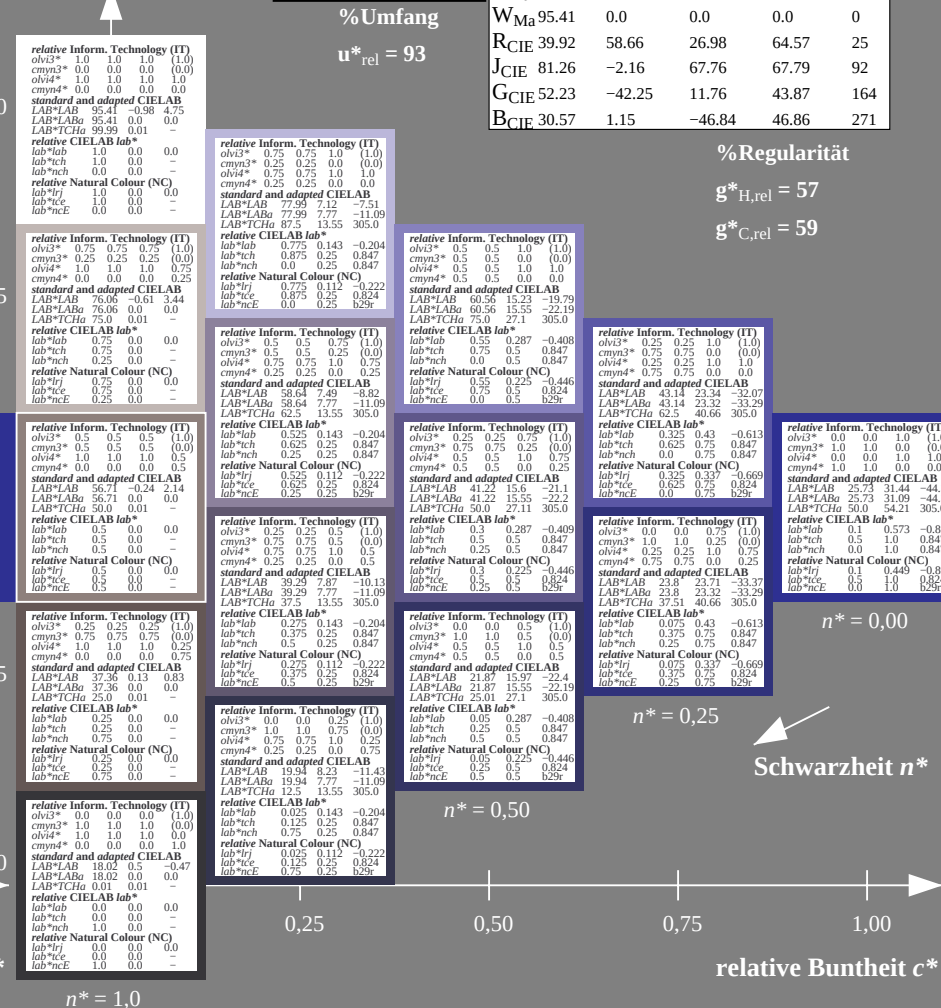


%Umfang

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

ORS18; adaptierte CIELAB-Daten					
	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

$$g^*_{H,rel} = 57$$
$$g^*_{C,rel} = 59$$


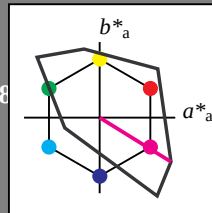
5 stufige Reihen für konstanten CIELAB Buntton $305/360 = 0.847$ (rechts)

Eingabe: Farbmatisches Fernseh-Licht-System TLS00

für Buntton $h^* = lab^*h = 328/360 = 0.912$ lab^*tch und lab^*nch D65: Buntton M
LCH*Ma: 57 111 328
olv*Ma: 1.0 0.0 1.0

Dreiecks-Helligkeit

1,00



%Umfang

 $u^*_{rel} = 158$

TLS00; adaptierte CIELAB-Daten

	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	50.5	76.92	64.55	100.42	40
Y _{Ma}	92.66	-20.69	90.75	93.08	103
L _{Ma}	83.63	-82.75	79.9	115.04	136
C _{Ma}	86.88	-46.16	-13.55	48.12	196
V _{Ma}	30.39	76.06	-103.59	128.52	306
M _{Ma}	57.3	94.35	-58.41	110.97	328
N _{Ma}	0.01	0.0	0.0	0.0	0
W _{Ma}	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

%Regularität

 $g^*_{H,rel} = 20$ $g^*_{C,rel} = 37$

1,00

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	
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*trc	1.0	0.0	0.0	
	lab*ncc	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	76.06	-0.61	3.44	
	LAB*LABa	76.06	0.0	0.0	
	LAB*LABb	76.06	0.0	0.0	
relative CIELAB lab*	lab*lab	0.75	0.0	0.0	
	lab*tch	0.75	0.0	0.0	
	lab*nch	0.0	0.0	0.0	
relative Natural Colour (NC)	lab*trj	0.75	0.0	0.0	
	lab*trc	0.75	0.0	0.0	
	lab*ncc	0.0	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	56.71	0.24	2.14	
	LAB*LABa	56.71	0.0	0.0	
	LAB*LABb	56.71	0.0	0.0	
relative CIELAB lab*	lab*lab	0.5	0.0	0.0	
	lab*tch	0.5	0.0	0.0	
	lab*nch	0.0	0.0	0.0	
relative Natural Colour (NC)	lab*trj	0.5	0.0	0.0	
	lab*trc	0.5	0.0	0.0	
	lab*ncc	0.0	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	37.36	0.13	0.83	
	LAB*LABa	37.36	0.0	0.0	
	LAB*LABb	37.36	0.0	0.0	
relative CIELAB lab*	lab*lab	0.25	0.0	0.0	
	lab*tch	0.25	0.0	0.0	
	lab*nch	0.0	0.0	0.0	
relative Natural Colour (NC)	lab*trj	0.25	0.0	0.0	
	lab*trc	0.25	0.0	0.0	
	lab*ncc	0.0	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	(1.0)
	cmyn4*	0.0	0.0	0.0	(0.0)
standard and adapted CIELAB	LAB*LAB	18.02	0.5	0.47	
	LAB*LABa	18.02	0.0	0.0	
	LAB*LABb	18.02	0.0	0.0	
relative CIELAB lab*	lab*lab	0.0	0.0	0.0	
	lab*tch	0.0	0.0	0.0	
	lab*nch	0.0	0.0	0.0	
relative Natural Colour (NC)	lab*trj	0.0	0.0	0.0	
	lab*trc	0.0	0.0	0.0	
	lab*ncc	1.0	0.0	0.0	

 $n^* = 1,0$

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

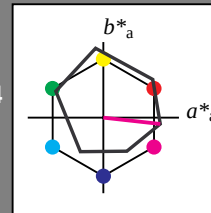
BAM-Prüfvorlage OG45; Farbmatrik-Systeme ORS18 & ORS18input: $cmY0^* setcmykcolor$ D65: 5stufige Farbreihen und Koordinatendaten für 10 Bunttöne output: *Startup (S) data dependend*

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

1,00



%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
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	0.5	1.0	(1.0)
	cmyn3*	0.0	0.5	0.0	(0.0)
	olvi4*	1.0	0.5	1.0	(1.0)
	cmyn4*	0.0	0.5	0.0	(0.0)
standard and adapted CIELAB	LAB*LAB	71.77	37.63	-4.17	
	LAB*LABa	71.77	37.63	-4.17	
	LAB*LABb	71.77	37.63	-4.17	
relative CIELAB lab*	lab*lab	0.695	0.497	-0.054	
	lab*tch	0.695	0.497	-0.054	
	lab*nch	0.0	0.5	0.0	
relative Natural Colour (NC)	lab*trj	0.695	0.454	-0.208	
	lab*trc	0.695	0.454	-0.208	
	lab*ncc	0.0	0.5	0.0	

relative Inform. Technology (IT)	olvi3*	0.75	0.0	0.75	(1.0)
	cmyn3*	0.0	0.75	0.0	(0.0)
	olvi4*	1.0	0.25	1.0	(1.0)
	cmyn4*	0.0	0.75	0.0	(0.0)
standard and adapted CIELAB	LAB*LAB	59.95	56.15	-3.9	
	LAB*LABa	59.95	56.15	-3.9	
	LAB*LABb	59.95	56.15	-3.9	
relative CIELAB lab*	lab*lab	0.542	0.745	-0.082	
	lab*tch	0.542	0.745	-0.082	
	lab*nch	0.0	0.75	0.0	
relative Natural Colour (NC)	lab*trj	0.542	0.682	-0.312	
	lab*trc	0.542	0.682	-0.312	
	lab*ncc	0.0	0.75	0.0	

relative Inform. Technology (IT)	olvi3*	0.5	0.0	0.5	(1.0)
	cmyn3*	0.5	0.0	0.5	(0.0)
	olvi4*	1.0	0.5	1.0	(1.0)
	cmyn4*	0.0	0.5	0.0	(0.0)
standard and adapted CIELAB	LAB*LAB	40.6	56.52	-5.21	
	LAB*LABa	40.6	56.52	-5.21	
	LAB*LABb	40.6	56.52	-5.21	
relative CIELAB lab*	lab*lab	0.389	0.994	-0.109	
	lab*tch	0.389	0.994	-0.109	
	lab*nch	0.0	1.0	0.0	
relative Natural Colour (NC)	lab*trj	0.389	0.909	-0.416	
	lab*trc	0.389	0.909	-0.416	
	lab*ncc	0.0	1.0	0.0	

relative Inform. Technology (IT)	olvi3*	0.25	0.0	0.25	(1.0)
	cmyn3*	0.75	0.0	0.25	(0.0)
	olvi4*	1.0	0.25	1.0	(1.0)
	cmyn4*	0.0	0.75	0.0	(0.0)
standard and adapted CIELAB	LAB*LAB	25.54	18.81	-2.08	
	LAB*LABa	25.54	18.81	-2.08	
	LAB*LABb	25.54	18.81	-2.08	
relative CIELAB lab*	lab*lab	0.195	0.497	-0.054	
	lab*tch	0.195	0.497	-0.054	
	lab*nch	0.0	0.5	0.0	
relative Natural Colour (NC)	lab*trj	0.195	0.454	-0.208	
	lab*trc	0.195	0.454	-0.208	
	lab*ncc	0.0	0.5	0.0	

 $n^* = 0,00$ Schwarzheit n^* relative Buntheit c^* relative Buntheit c^*

Eingabe: Farbmatisches Fernseh-Licht-System TLS00

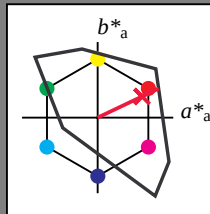
für Buntton $h^* = lab^*h = 25/360 = 0.071$ lab^*tch und lab^*nch

D65: Buntton R

LCH*Ma: 52 89 25

olv*Ma: 1.0 0.0 0.21

Dreiecks-Helligkeit



TLS00; adaptierte CIELAB-Daten

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	50.5	76.92	64.55	100.42	40
Y _{Ma}	92.66	-20.69	90.75	93.08	103
L _{Ma}	83.63	-82.75	79.9	115.04	136
C _{Ma}	86.88	-46.16	-13.55	48.12	196
V _{Ma}	30.39	76.06	-103.59	128.52	306
M _{Ma}	57.3	94.35	-58.41	110.97	328
N _{Ma}	0.01	0.0	0.0	0.0	0
W _{Ma}	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

%Regularität

 $g^*_{H,rel} = 20$ $g^*_{C,rel} = 37$

1,00

0,75

 $n^* = 0,00$

0,25

 $n^* = 0,25$ $n^* = 0,50$ $n^* = 1,0$ relative Buntheit c^*

Ausgabe: Farbmatisches Offset-Reflektiv-System ORS18

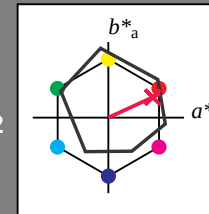
für Buntton $h^* = lab^*h = 25/360 = 0.069$ lab^*tch und lab^*nch

D65: Buntton R

LCH*Ma: 48 75 25

olv*Ma: 1.0 0.0 0.32

Dreiecks-Helligkeit



%Umfang

 $u^*_{rel} = 93$

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^*

OG450-7, 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 OG45; Farbmatrik-Systeme ORS18 & ORS18input: *cmY0* setcmykcolor*D65: 5stufige Farbreihen und Koordinatendaten für 10 Bunttöne output: *Startup (S) data dependend*

Eingabe: Farbmatisches Fernseh-Licht-System TLS00

für Buntton $h^* = lab^*h = 92/360 = 0.256$ lab^*tch und lab^*nch

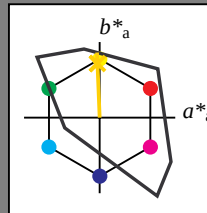
D65: Buntton J

LCH*Ma: 85 86 92

olv*Ma: 1.0 0.82 0.0

Dreiecks-Helligkeit

1,00



TLS00; adaptierte CIELAB-Daten					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	50.5	76.92	64.55	100.42	40
Y _{Ma}	92.66	-20.69	90.75	93.08	103
L _{Ma}	83.63	-82.75	79.9	115.04	136
C _{Ma}	86.88	-46.16	-13.55	48.12	196
V _{Ma}	30.39	76.06	-103.59	128.52	306
M _{Ma}	57.3	94.35	-58.41	110.97	328
N _{Ma}	0.01	0.0	0.0	0.0	0
W _{Ma}	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

%Regularität

 $g^*_{H,rel} = 20$ $g^*_{C,rel} = 37$

1,00

relative Inform. Technology (IT)					
olvi3*	1.0	1.0	1.0	(1.0)	
olvi3*	0.0	0.0	0.0	(0.0)	
olvi4*	1.0	1.0	1.0	(1.0)	
olvi4*	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		
lab*trj	0.0	0.0	0.0		
lab*tch	0.0	0.0	0.0		
lab*nch	0.0	0.0	0.0		
lab*trj	0.0	0.0	0.0		
lab*tch	0.0	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)	
olvi3*	0.25	0.25	0.25	(0.0)	
olvi4*	1.0	1.0	1.0	(1.0)	
olvi4*	0.0	0.0	0.0	(0.0)	
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*trj	0.25	0.0	0.0		
lab*tch	0.25	0.0	0.0		
lab*nch	0.25	0.0	0.0		

relative Inform. Technology (IT)					
olvi3*	0.5	0.5	0.5	(1.0)	
olvi3*	0.5	0.5	0.5	(0.0)	
olvi4*	1.0	1.0	1.0	(1.0)	
olvi4*	0.0	0.0	0.0	(0.0)	
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*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	(1.0)	
olvi3*	0.75	0.75	0.75	(0.0)	
olvi4*	1.0	1.0	1.0	(1.0)	
olvi4*	0.0	0.0	0.0	(0.0)	
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	0.25	0.0	0.0		
lab*trj	0.25	0.0	0.0		
lab*trj	0.25	0.0	0.0		
lab*tch	0.25	0.0	0.0		
lab*nch	0.25	0.0	0.0		

relative Inform. Technology (IT)					
olvi3*	0.0	0.0	0.0	(1.0)	
olvi3*	1.0	1.0	1.0	(0.0)	
olvi4*	1.0	1.0	1.0	(1.0)	
olvi4*	0.0	0.0	0.0	(0.0)	
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	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 Buntheit c^* $n^* = 0,25$ $n^* = 0,50$ Schwarzheit n^*

0,25

0,50

0,75

1,00

1,00

OG45-7, 5 stufige Reihen für konstanten CIELAB Buntton 92/360 = 0.256 (links)

BAM-Prüfvorlage OG45; Farbmatrik-Systeme ORS18 & ORS18input: $cmY0^* setcmykcolor$ D65: 5stufige Farbreihen und Koordinatendaten für 10 Bunttöne output: *Startup (S) data dependend*

Ausgabe: Farbmatisches Offset-Reflektiv-System ORS18

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

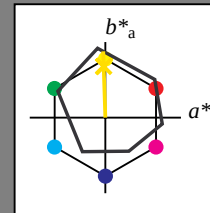
D65: Buntton J

LCH*Ma: 86 88 92

olv*Ma: 1.0 0.9 0.0

Dreiecks-Helligkeit

1,00



%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
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	0.951	0.5	(1.0)	
olvi3*	0.0	0.049	0.5	(0.0)	
olvi4*	1.0	0.951	0.5	(1.0)	
olvi4*	0.0	0.049	0.5	(0.0)	
standard and adapted CIELAB					
LAB*LAB	90.8	-2.3	48.29		
LAB*LAB	90.8	-1.4	43.84		
LAB*TCh	75.0	43.86	91.85		
relative CIELAB lab*					
lab*lab	0.94	-0.015	0.5		
lab*tch	0.75	0.5	0.255		
lab*nch	0.0	0.5	0.255		
lab*trj	0.94	0.0	0.5		
lab*trj	0.75	0.5	0.255		
lab*tch	0.75	0.5	0.255		
lab*nch	0.0	0.5	0.255		

relative Inform. Technology (IT)					
olvi3*	0.75	0.75	0.75	(1.0)	
olvi3*	0.25	0.25	0.25	(0.0)	
olvi4*	1.0	1.0	1.0	(1.0)	
olvi4*	0.0	0.0	0.0	(0.0)	
standard and adapted CIELAB					
LAB*LAB	71.45	-1.92	46.98		
LAB*LAB	71.45	-1.4	43.84		
LAB*TCh	50.0	43.87	91.84		
relative CIELAB lab*					
lab*lab	0.75	0.0	0.5		
lab*tch	0.75	0.0	0.5		
lab*nch	0.25	0.0	0.5		
lab*trj	0.75	0.0	0.5		
lab*trj	0.25	0.0	0.5		
lab*tch	0.25	0.0	0.5		
lab*nch	0.25	0.0	0.5		

relative Inform. Technology (IT)					
olvi3*	0.5	0.5	0.5	(1.0)	
olvi3*	0.5	0.5	0.5	(0.0)	
olvi4*	1.0	1.0	1.0	(1.0)	
olvi4*	0.0	0.0	0.0	(0.0)	
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	0.5		
lab*tch	0.5	0.0	0.5		
lab*nch	0.5	0.0	0.5		
lab*trj	0.5	0.0	0.5		
lab*trj	0.5	0.0	0.5		
lab*tch	0.5	0.0	0.5		
lab*nch	0.5	0.0	0.5		

relative Inform. Technology (IT)					
olvi3*	0.25	0.25	0.25	(1.0)	
olvi3*	0.75	0.75	0.75	(0.0)	
olvi4*	1.0	1.0	1.0	(1.0)	
olvi4*	0.0	0.0	0.0	(0.0)	
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	0.5		
lab*tch	0.25	0.0	0.5		
lab*nch	0.25	0.0	0.5		
lab*trj	0.25	0.0	0.5		
lab*trj	0.25	0.0	0.5		
lab*tch	0.25	0.0	0.5		
lab*nch	0.25	0.0	0.5		

 $n^* = 0,00$ relative Buntheit c^*

0,25

0,50

0,75

1,00

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

Eingabe: Farbmétrisches Fernseh-Licht-System TLS00

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

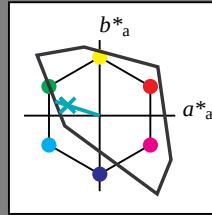
lab*tch und lab*nch

D65: Buntton G

LCH*Ma: 86 62 162

olv*Ma: 0.0 1.0 0.65

Dreiecks-Helligkeit

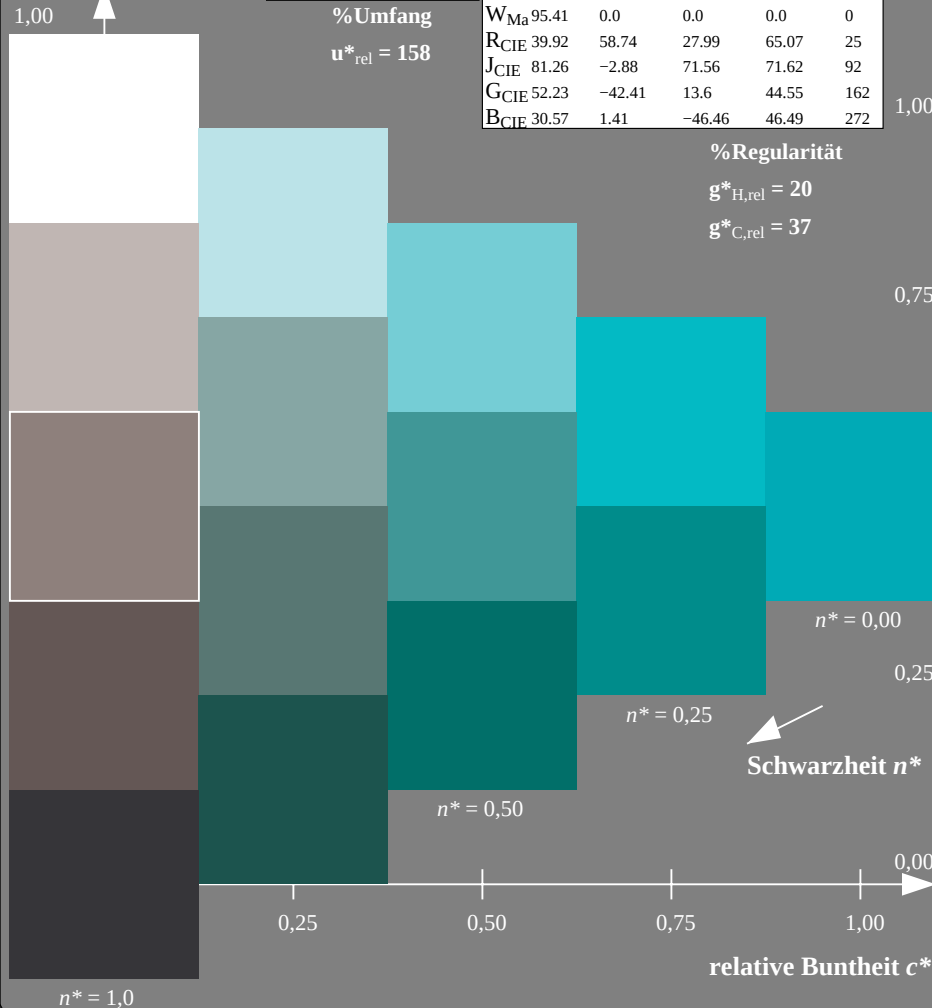


%Umfang

$$\mathbf{u}_{\text{rel}}^* = 158$$

TLS00; adaptierte CIELAB-Daten					
	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	50.5	76.92	64.55	100.42	40
Y _{Ma}	92.66	-20.69	90.75	93.08	103
L _{Ma}	83.63	-82.75	79.9	115.04	136
C _{Ma}	86.88	-46.16	-13.55	48.12	196
V _{Ma}	30.39	76.06	-103.59	128.52	306
M _{Ma}	57.3	94.35	-58.41	110.97	328
N _{Ma}	0.01	0.0	0.0	0.0	0
W _{Ma}	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

%Regularität

$$g^*_{H,rel} = 20$$
$$g^*_{C,rel} = 37$$


OG450-7, 5 stufige Reihen für konstanten CIELAB Buntton 162/360 = 0.451 (links)

BAM-Prüfvorlage OG45; Farbmatrik-Systeme ORS18 & ORS18input: *cmy0* setcmykcolor*

D65: 5stufige Farbreihen und Koordinatendaten für 10 Bunttöne output: *Startup (S) data dependent*

Ausgabe: Farbmétrisches Offset-Reflektiv-System ORS18

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

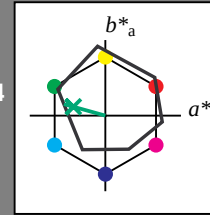
lab*tch und lab*nch

D65: Buntton G

LCH*Ma: 53 57 164

olv*Ma: 0.0 1.0 0.25

Dreiecks-Helligkeit

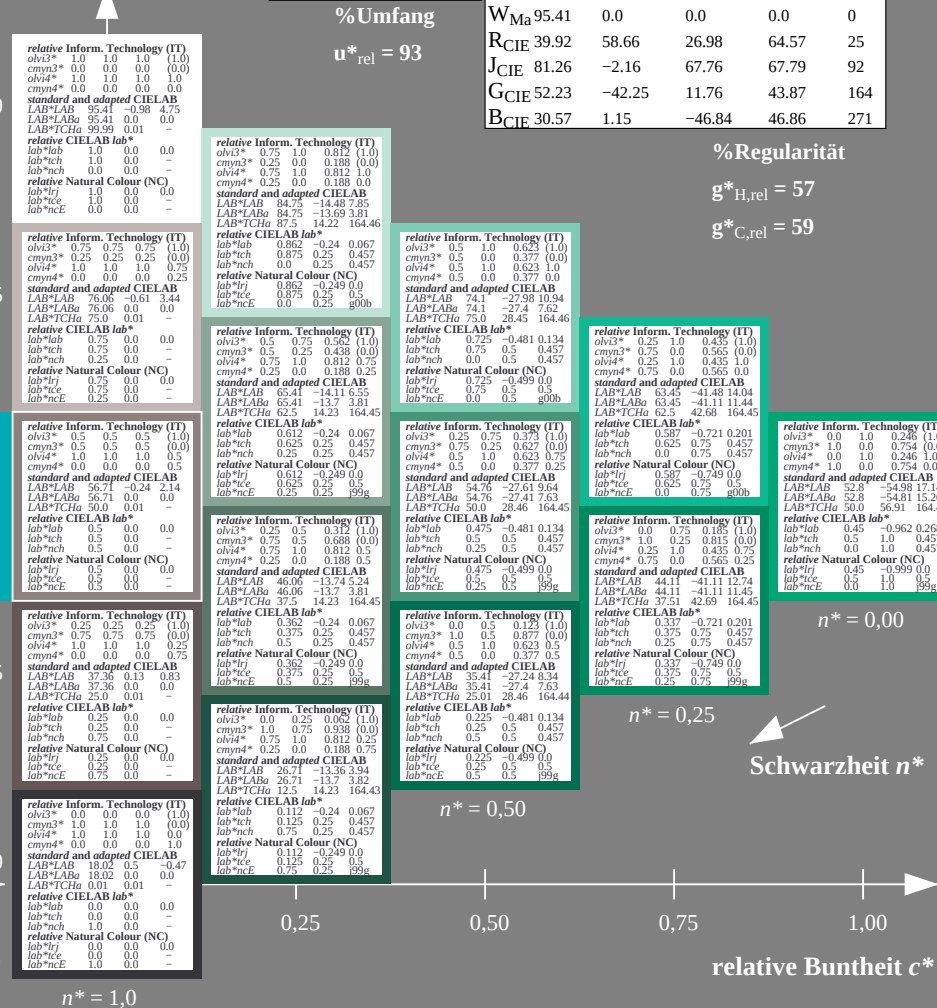


%Umfang

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

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
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	67.92	92
G _{CIE}	52.23	-42.25	11.76	43.87	164
B _{CIE}	30.57	1.15	-46.84	46.86	271

%Regularität

$$g^*_{H,rel} = 57$$
$$g^*_{C,rel} = 59$$


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

Eingabe: Farbmatisches Fernseh-Licht-System TLS00

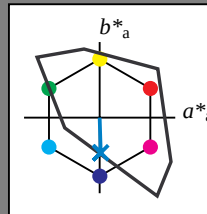
für Buntton $h^* = lab^*h = 272/360 = 0.755$ lab^*tch und lab^*nch

D65: Buntton B

LCH*Ma: 65 49 272

olv*Ma: 0.0 0.61 1.0

Dreiecks-Helligkeit



TLS00; adaptierte CIELAB-Daten

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	50.5	76.92	64.55	100.42	40
Y _{Ma}	92.66	-20.69	90.75	93.08	103
L _{Ma}	83.63	-82.75	79.9	115.04	136
C _{Ma}	86.88	-46.16	-13.55	48.12	196
V _{Ma}	30.39	76.06	-103.59	128.52	306
M _{Ma}	57.3	94.35	-58.41	110.97	328
N _{Ma}	0.01	0.0	0.0	0.0	0
W _{Ma}	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

%Regularität

 $g^*_{H,rel} = 20$ $g^*_{C,rel} = 37$

1,00

0,75

 $n^* = 0,00$

0,25

 $n^* = 0,25$ $n^* = 0,50$ relative Buntheit c^*

Ausgabe: Farbmatisches Offset-Reflektiv-System ORS18

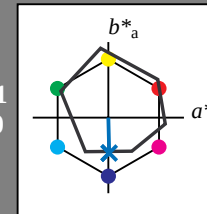
für Buntton $h^* = lab^*h = 271/360 = 0.754$ lab^*tch und lab^*nch

D65: Buntton B

LCH*Ma: 42 45 271

olv*Ma: 0.0 0.49 1.0

Dreiecks-Helligkeit



%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
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

 $g^*_{H,rel} = 57$ $g^*_{C,rel} = 59$ $n^* = 0,00$ $n^* = 0,25$ relative Buntheit c^*

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

OG450-7, 5 stufige Reihen für konstanten CIELAB Buntton 272/360 = 0.755 (links)

BAM-Prüfvorlage OG45; Farbmatrik-Systeme ORS18 & ORS18input: $cmY0^* setcmykcolor$

D65: 5stufige Farbreihen und Koordinatendaten für 10 Bunttöne output: Startup (S) data dependend