

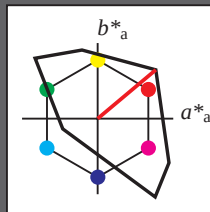
Eingabe: Farbmatisches Fernseh-Licht-System TLS00

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



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*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	0.0	1.0	0.0		
lab*nch	0.0	0.0	1.0		
lab*tch	0.0	1.0	0.0		
lab*nch	0.0	0.0	1.0		

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*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		
lab*tch	0.75	0.0	0.0		
lab*nch	0.0	0.0	0.0		

relative Inform. Technology (IT)					
olvi3*	0.75	0.5	0.5	(1.0)	
cmyn3*	0.25	0.5	0.5	(0.0)	
olvi4*	1.0	0.75	0.75	(1.0)	
cmyn4*	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		
relative CIELAB lab*					
lab*lab	0.597	0.198	0.153		
lab*tch	0.597	0.198	0.153		
lab*nch	0.25	0.25	0.105		
lab*trj	0.597	0.239	0.075		
lab*tch	0.597	0.239	0.075		
lab*nch	0.25	0.25	0.105		

relative Inform. Technology (IT)					
olvi3*	0.75	0.25	0.25	(1.0)	
cmyn3*	0.25	0.75	0.75	(0.0)	
olvi4*	1.0	0.75	0.75	(1.0)	
cmyn4*	0.0	0.25	0.25	(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		
lab*tch	0.5	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)	
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	44.84	16.33	13.97		
LAB*TChA	44.84	16.35	12.63		
relative CIELAB lab*					
lab*lab	0.443	0.229	0.075		
lab*tch	0.443	0.229	0.075		
lab*nch	0.25	0.25	0.105		

relative Inform. Technology (IT)					
olvi3*	0.5	0.25	0.25	(1.0)	
cmyn3*	0.5	0.75	0.75	(0.0)	
olvi4*	1.0	0.75	0.75	(1.0)	
cmyn4*	0.0	0.25	0.25	(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		
lab*tch	0.25	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)	
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	18.02	0.5	4.47		
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		
lab*tch	0.0	0.0	0.0		
lab*nch	0.0	0.0	0.0		

relative Inform. Technology (IT)					
olvi3*	0.25	0.0	0.0	(1.0)	
cmyn3*	0.75	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	25.5	16.34	12.62		
LAB*TChA	25.5	16.35	12.63		
relative CIELAB lab*					
lab*lab	0.097	0.198	0.153		
lab*tch	0.097	0.198	0.153		
lab*nch	0.25	0.25	0.105		
lab*trj	0.097	0.239	0.075		
lab*tch	0.097	0.239	0.075		
lab*nch	0.25	0.25	0.105		

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	4.47		
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		
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)	
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	4.47		
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		
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)	
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	4.47		
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		
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)	
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	4.47		
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		
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)	
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	4.47		
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		
lab*tch	0.0	0.0	0.0		
lab*nch	0.0	0.0	0.0		

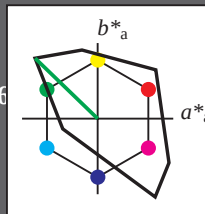
300 & OK310	
10 Bunttöne	
	O

Eingabe: Farbmatisches Fernseh-Licht-System TLS00

für Buntton $h^* = lab^*h = 136/360 = 0.378$
 lab^*tch und lab^*nch

D65: Buntton L
LCH*Ma: 84 115 136
olv*Ma: 0.0 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

$n^* = 0,25$

$n^* = 0,50$

0,00

relative Buntheit c^*

OG450-7, 5 stufige Reihen für konstanten CIELAB Buntton 136/360 = 0.378 (links)

BAM-Prüfvorlage OG45; Farbmatrik-Systeme TLS00 & ORS18 input: $cmY0^* setcmykcolor$

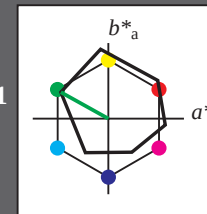
D65: 5stufige Farbreihen und Koordinatendaten für 10 Bunttöne output: $cmY0^* / 000n^* setcmykcolor$

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



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

%Umfang

$u^*_{rel} = 93$

%Regularität

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

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

1,00

0,75

$n^* = 0,00$

0,25

$n^* = 0,25$

$n^* = 0,50$

0,00

relative Buntheit c^*

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

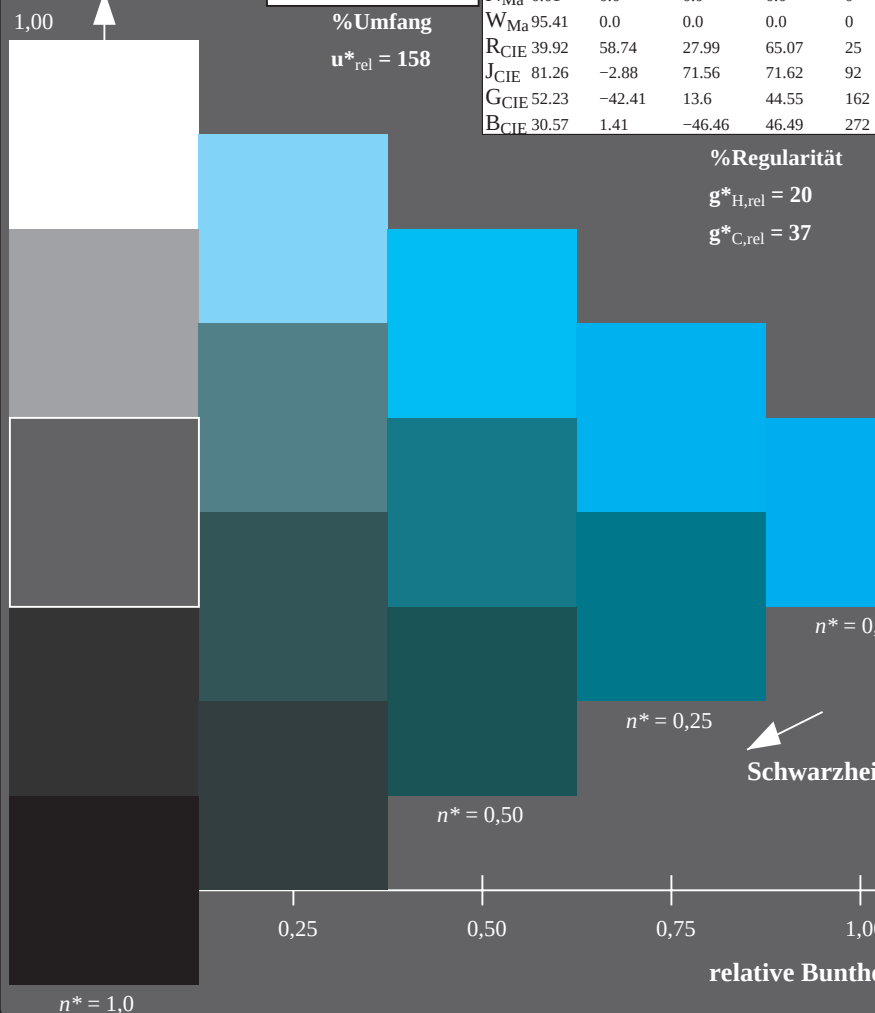
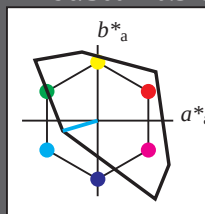
Eingabe: Farbmatisches Fernseh-Licht-System TLS00

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



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

BAM-Prüfvorlage OG45; Farbmatrik-Systeme TLS00 & ORS18 input: `cmv0* setcmvcolor`

D65: 5stufige Farbreihen und Koordinatendaten für 10 Bunttöne output: `cmv0* / 000n* setcmvcolor`

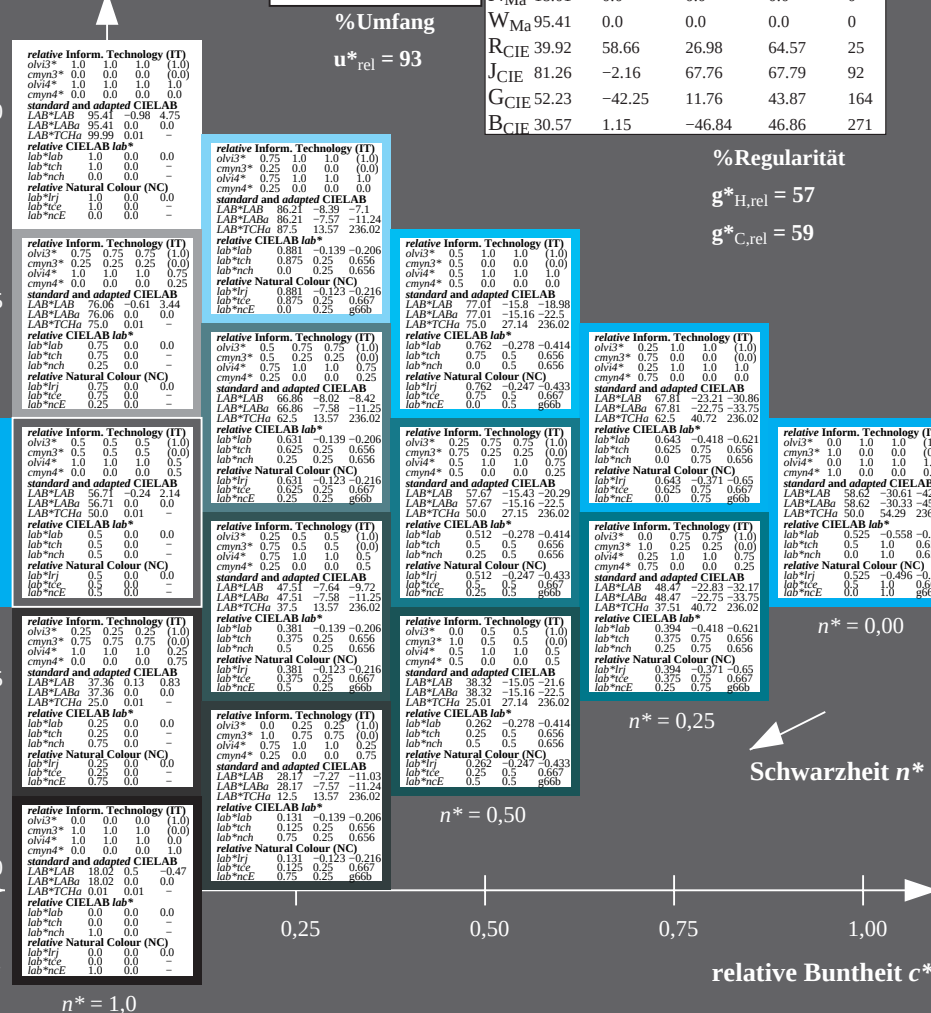
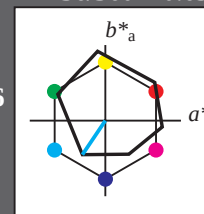
Ausgabe: Farbmatisches Offset-Reflektiv-System ORS18

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: Farbmatisches Fernseh-Licht-System TLS00

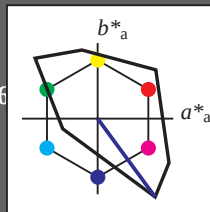
für Buntton $h^* = lab^*h = 306/360 = 0.851$

lab^*tch und lab^*nch

D65: Buntton V
LCH*Ma: 30 129 306
olv*Ma: 0.0 0.0 1.0

Dreiecks-Helligkeit

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*Lab	95.41 0.0 0.0
LAB*TCh	98.99 0.01 -
relative CIELAB lab*	
lab*lab	1.0 0.0 0.0
lab*tch	1.0 0.0 -
lab*nch	0.0 0.0 -
relative Natural Colour (NC)	
lab*trj	1.0 0.0 0.0
lab*tce	1.0 0.0 -
lab*nce	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*Lab	76.06 0.0 0.0
LAB*TCh	75.0 0.01 -
relative CIELAB lab*	
lab*lab	0.75 0.75 0.75 (1.0)
lab*tch	0.75 0.75 0.75 (1.0)
lab*nch	0.25 0.25 0.25 (0.0)
relative Natural Colour (NC)	
lab*trj	0.75 0.75 0.75 (1.0)
lab*tce	0.75 0.75 0.75 (1.0)
lab*nce	0.25 0.25 0.25 (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*Lab	56.71 0.0 0.0
LAB*TCh	50.0 0.01 -
relative CIELAB lab*	
lab*lab	0.5 0.5 0.5 (1.0)
lab*tch	0.5 0.5 0.5 (1.0)
lab*nch	0.5 0.5 0.5 (0.0)
relative Natural Colour (NC)	
lab*trj	0.5 0.5 0.5 (1.0)
lab*tce	0.5 0.5 0.5 (1.0)
lab*nce	0.5 0.5 0.5 (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*Lab	37.36 0.0 0.0
LAB*TCh	25.0 0.01 -
relative CIELAB lab*	
lab*lab	0.25 0.25 0.25 (1.0)
lab*tch	0.25 0.25 0.25 (1.0)
lab*nch	0.75 0.75 0.75 (0.0)
relative Natural Colour (NC)	
lab*trj	0.25 0.25 0.25 (1.0)
lab*tce	0.25 0.25 0.25 (1.0)
lab*nce	0.75 0.75 0.75 (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 (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 -
relative CIELAB lab*	
lab*lab	0.0 0.0 0.0
lab*tch	0.0 0.0 0.0
lab*nch	1.0 1.0 1.0
relative Natural Colour (NC)	
lab*trj	0.0 0.0 0.0
lab*tce	0.0 0.0 0.0
lab*nce	1.0 1.0 1.0

$n^* = 1,0$

Ausgabe: Farbmatisches Offset-Reflektiv-System ORS18

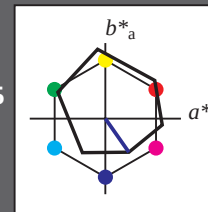
für Buntton $h^* = lab^*h = 305/360 = 0.847$

lab^*tch und lab^*nch

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

Dreiecks-Helligkeit

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

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

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

1,00

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	77.99 7.12 -7.51
LAB*Lab	77.99 7.77 -11.09
LAB*TCh	87.5 13.55 305.0
relative CIELAB lab*	
lab*lab	0.75 0.75 0.75 (1.0)
lab*tch	0.75 0.75 0.75 (1.0)
lab*nch	0.25 0.25 0.25 (0.0)
relative Natural Colour (NC)	
lab*trj	0.75 0.75 0.75 (1.0)
lab*tce	0.75 0.75 0.75 (1.0)
lab*nce	0.25 0.25 0.25 (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	58.64 7.49 -8.82
LAB*Lab	58.64 7.77 -11.09
LAB*TCh	62.5 13.55 305.0
relative CIELAB lab*	
lab*lab	0.5 0.5 0.5 (1.0)
lab*tch	0.5 0.5 0.5 (1.0)
lab*nch	0.5 0.5 0.5 (0.0)
relative Natural Colour (NC)	
lab*trj	0.5 0.5 0.5 (1.0)
lab*tce	0.5 0.5 0.5 (1.0)
lab*nce	0.5 0.5 0.5 (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	39.29 7.77 -11.09
LAB*Lab	39.29 7.77 -11.09
LAB*TCh	37.5 13.55 305.0
relative CIELAB lab*	
lab*lab	0.25 0.25 0.25 (1.0)
lab*tch	0.25 0.25 0.25 (1.0)
lab*nch	0.75 0.75 0.75 (0.0)
relative Natural Colour (NC)	
lab*trj	0.25 0.25 0.25 (1.0)
lab*tce	0.25 0.25 0.25 (1.0)
lab*nce	0.75 0.75 0.75 (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 (1.0)
standard and adapted CIELAB	
LAB*LAB	21.87 15.97 22.4
LAB*Lab	21.87 15.55 -22.19
LAB*TCh	25.01 27.1 305.0
relative CIELAB lab*	
lab*lab	0.0 0.0 0.0 (1.0)
lab*tch	0.0 0.0 0.0 (1.0)
lab*nch	1.0 1.0 1.0
relative Natural Colour (NC)	
lab*trj	0.0 0.0 0.0 (1.0)
lab*tce	0.0 0.0 0.0 (1.0)
lab*nce	1.0 1.0 1.0

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 (1.0)
standard and adapted CIELAB	
LAB*LAB	19.94 7.77 -11.09
LAB*Lab	19.94 7.77 -11.09
LAB*TCh	12.5 13.55 305.0
relative CIELAB lab*	
lab*lab	0.0 0.0 0.0 (1.0)
lab*tch	0.0 0.0 0.0 (1.0)
lab*nch	1.0 1.0 1.0
relative Natural Colour (NC)	
lab*trj	0.0 0.0 0.0 (1.0)
lab*tce	0.0 0.0 0.0 (1.0)
lab*nce	1.0 1.0 1.0

$n^* = 1,0$

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	60.56 15.23 -19.79
LAB*Lab	60.56 15.55 -22.19
LAB*TCh	75.0 27.1 305.0
relative CIELAB lab*	
lab*lab	0.5 0.5 0.5 (1.0)
lab*tch	0.5 0.5 0.5 (1.0)
lab*nch	0.5 0.5 0.5 (0.0)
relative Natural Colour (NC)	
lab*trj	0.5 0.5 0.5 (1.0)
lab*tce	0.5 0.5 0.5 (1.0)
lab*nce	0.5 0.5 0.5 (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	41.22 15.6 -21.1
LAB*Lab	41.22 15.55 -22.2
LAB*TCh	50.0 27.1 305.0
relative CIELAB lab*	
lab*lab	0.25 0.25 0.25 (1.0)
lab*tch	0.25 0.25 0.25 (1.0)
lab*nch	0.75 0.75 0.75 (0.0)
relative Natural Colour (NC)	
lab*trj	0.25 0.25 0.25 (1.0)
lab*tce	0.25 0.25 0.25 (1.0)
lab*nce	0.75 0.75 0.75 (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 (1.0)
standard and adapted CIELAB	
LAB*LAB	23.8 23.71 -33.37
LAB*Lab	23.8 23.32 -33.29
LAB*TCh	37.51 40.66 305.0
relative CIELAB lab*	
lab*lab	0.0 0.0 0.0 (1.0)
lab*tch	0.0 0.0 0.0 (1.0)
lab*nch	1.0 1.0 1.0
relative Natural Colour (NC)	
lab*trj	0.0 0.0 0.0 (1.0)
lab*tce	0.0 0.0 0.0 (1.0)
lab*nce	1.0 1.0 1.0

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 (1.0)
standard and adapted CIELAB	
LAB*LAB	19.94 7.77 -11.09
LAB*Lab	19.94 7.77 -11.09
LAB*TCh	12.5 13.55 305.0
relative CIELAB lab*	
lab*lab	0.0 0.0 0.0 (1.0)
lab*tch	0.0 0.0 0.0 (1.0)
lab*nch	1.0 1.0 1.0
relative Natural Colour (NC)	
lab*trj	0.0 0.0 0.0 (1.0)
lab*tce	0.0 0.0 0.0 (1.0)
lab*nce	1.0 1.0 1.0

$n^* = 1,0$

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	43.14 23.32 -32.07
LAB*Lab	43.14 23.32 -32.07
LAB*TCh	62.5 40.66 305.0
relative CIELAB lab*	
lab*lab	0.25 0.25 0.25 (1.0)
lab*tch	0.25 0.25 0.25 (1.0)
lab*nch	0.75 0.75 0.75 (0.0)
relative Natural Colour (NC)	
lab*trj	0.25 0.25 0.25 (1.0)
lab*tce	0.25 0.25 0.25 (1.0)
lab*nce	0.75 0.75 0.75 (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 (1.0)
standard and adapted CIELAB	
LAB*LAB	25.73 31.09 -44.34
LAB*Lab	25.73 31.09 -44.34
LAB*TCh	50.0 27.1 305.0
relative CIELAB lab*	
lab*lab	0.0 0.0 0.0 (1.0)
lab*tch	0.0 0.0 0.0 (1.0)
lab*nch	1.0 1.0 1.0
relative Natural Colour (NC)	
lab*trj	0.0 0.0 0.0 (1.0)
lab*tce	0.0 0.0 0.0 (1.0)
lab*nce	1.0 1.0 1.0

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 (1.0)
standard and adapted CIELAB	
LAB*LAB	23.8 23.71 -33.37
LAB*Lab	23.8 23.32 -33.29
LAB*TCh	37.51 40.66 305.0
relative CIELAB lab*	
lab*lab	0.0 0.0 0.0 (1.0)
lab*tch	0.0 0.0 0.0 (1.0)
lab*nch	1.0 1.0 1.0
relative Natural Colour (NC)	
lab*trj	0.0 0.0 0.0 (1.0)
lab*tce	0.0 0.0 0.0 (1.0)
lab*nce	1.0 1.0 1.0

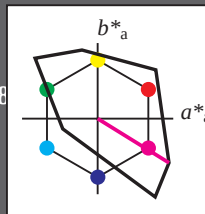
relative Inform. Technology (IT)	
olvi3*	0.0 0.0 0.0 (1.0)
cmyn3*	1.0

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



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

$n^* = 0,25$

Schwarzheit n^*

$n^* = 0,50$

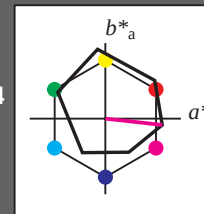
relative Buntheit c^*

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

$n^* = 0,25$

Schwarzheit n^*

$n^* = 0,50$

relative Buntheit c^*

OG450-7, 5 stufige Reihen für konstanten CIELAB Buntton 328/360 = 0.912 (links)

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

BAM-Prüfvorlage OG45; Farbmatrik-Systeme TLS00 & ORS18 input: `cmY0* setcmykcolor`

D65: 5stufige Farbreihen und Koordinatendaten für 10 Bunttöne output: `cmY0* / 000n* setcmykcolor`

Eingabe: Farbmatisches Fernseh-Licht-System TLS00

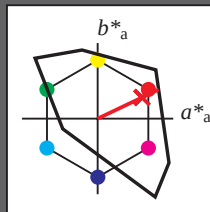
für Buntton $h^* = lab^*h = 25/360 = 0.071$

lab^*tch und lab^*nch

D65: Buntton R
LCH*Ma: 52 89 25
olv*Ma: 1.0 0.0 0.21

Dreiecks-Helligkeit

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*TCa	98.99 0.01 -
relative CIELAB lab*	
lab*lab	1.0 0.0 0.0
lab*tch	1.0 0.0 -
lab*nch	0.0 0.0 -
relative Natural Colour (NC)	
lab*lrj	1.0 0.0 0.0
lab*tce	1.0 0.0 -
lab*nce	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*TCa	75.0 0.01 -
relative CIELAB lab*	
lab*lab	0.75 0.0 0.0
lab*tch	0.75 0.0 -
lab*nch	0.25 0.0 -
relative Natural Colour (NC)	
lab*lrj	0.75 0.0 0.0
lab*tce	0.25 0.0 -
lab*nce	0.25 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 (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*TCa	50.0 0.01 -
relative CIELAB lab*	
lab*lab	0.5 0.0 0.0
lab*tch	0.5 0.0 -
lab*nch	0.0 0.0 -
relative Natural Colour (NC)	
lab*lrj	0.5 0.0 0.0
lab*tce	0.5 0.0 -
lab*nce	0.5 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 (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*TCa	25.0 0.01 -
relative CIELAB lab*	
lab*lab	0.25 0.0 0.0
lab*tch	0.25 0.0 -
lab*nch	0.75 0.0 -
relative Natural Colour (NC)	
lab*lrj	0.25 0.0 0.0
lab*tce	0.25 0.0 -
lab*nce	0.75 0.0 -

relative Inform. Technology (IT)	
olvi3*	0.0 0.0 0.0 (0.0)
cmyn3*	1.0 1.0 1.0 (1.0)
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*TCa	0.01 0.01 -
relative CIELAB lab*	
lab*lab	0.0 0.0 0.0
lab*tch	0.0 0.0 -
lab*nch	1.0 0.0 -
relative Natural Colour (NC)	
lab*lrj	0.0 0.0 0.0
lab*tce	0.0 0.0 -
lab*nce	1.0 0.0 -

$n^* = 1.0$

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

BAM-Prüfvorlage OG45; Farbmatrik-Systeme TLS00 & ORS18 input: $cmv0^* setcmykcolor$

D65: 5stufige Farbreihen und Koordinatendaten für 10 Bunttöne output: $cmv0^* / 000n^* setcmykcolor$

Ausgabe: Farbmatisches Offset-Reflektiv-System ORS18

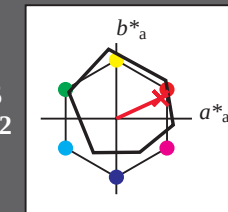
für Buntton $h^* = lab^*h = 25/360 = 0.069$

lab^*tch und lab^*nch

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

Dreiecks-Helligkeit

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

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

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

1,00

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*LABa	83.55 17.14 7.88
LAB*TCa	87.5 18.86 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
relative Natural Colour (NC)	
lab*lrj	0.847 0.25 0.0
lab*tce	0.875 0.25 0.0
lab*nce	0.0 0.25 0.069

relative Inform. Technology (IT)	
olvi3*	0.75 0.5 0.521 (1.0)
cmyn3*	0.25 0.5 0.419 (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	64.21 16.75 10.54
LAB*LABa	64.21 17.14 7.88
LAB*TCa	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
relative Natural Colour (NC)	
lab*lrj	0.597 0.25 0.0
lab*tce	0.625 0.25 0.0
lab*nce	0.25 0.25 0.069

relative Inform. Technology (IT)	
olvi3*	0.5 0.25 0.332 (1.0)
cmyn3*	0.5 0.75 0.669 (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	44.86 17.13 9.23
LAB*LABa	44.86 17.14 7.88
LAB*TCa	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
relative Natural Colour (NC)	
lab*lrj	0.347 0.25 0.0
lab*tce	0.375 0.25 0.0
lab*nce	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 (1.0)
cmyn4*	0.0 0.25 0.169 (0.0)
standard and adapted CIELAB	
LAB*LAB	25.51 17.14 7.89
LAB*LABa	25.51 17.14 7.89
LAB*TCa	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	0.75 0.25 0.069
relative Natural Colour (NC)	
lab*lrj	0.097 0.25 0.0
lab*tce	0.125 0.25 0.0
lab*nce	0.75 0.25 0.069

relative Inform. Technology (IT)	
olvi3*	0.0 0.0 0.0 (0.0)
cmyn3*	1.0 1.0 1.0 (1.0)
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*TCa	0.01 0.01 -
relative CIELAB lab*	
lab*lab	0.0 0.0 0.0
lab*tch	0.0 0.0 -
lab*nch	1.0 0.0 -
relative Natural Colour (NC)	
lab*lrj	0.0 0.0 0.0
lab*tce	0.0 0.0 -
lab*nce	1.0 0.0 -

$n^* = 1.0$

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*LABa	71.7 34.28 15.76
LAB*TCa	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
relative Natural Colour (NC)	
lab*lrj	0.694 0.5 0.0
lab*tce	0.75 0.5 0.0
lab*nce	0.0 0.5 0.069

relative Inform. Technology (IT)	
olvi3*	0.75 0.25 0.441 (1.0)
cmyn3*	0.25 0.75 0.589 (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	52.36 34.29 15.77
LAB*LABa	52.36 34.29 15.77
LAB*TCa	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	0.0 0.5 0.069
relative Natural Colour (NC)	
lab*lrj	0.444 0.5 0.0
lab*tce	0.444 0.5 0.0
lab*nce	0.0 0.5 0.069

relative Inform. Technology (IT)	
olvi3*	0.5 0.0 0.181 (1.0)
cmyn3*	0.5 1.0 0.839 (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	33.01 34.28 15.77
LAB*LABa	33.01 34.28 15.77
LAB*TCa	25.01 37.73 24.7
relative CIELAB lab*	
lab*lab	0.194 0.454 0.209
lab*tch	0.25 0.5 0.069
lab*nch	0.5 0.5 0.069
relative Natural Colour (NC)	
lab*lrj	0.194 0.5 0.0
lab*tce	0.25 0.5 0.0
lab*nce	0.5 0.5 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 (1.0)
cmyn4*	0.0 0.25 0.169 (0.0)
standard and adapted CIELAB	
LAB*LAB	25.51 17.14 7.89
LAB*LABa	25.51 17.14 7.89
LAB*TCa	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	0.75 0.25 0.069
relative Natural Colour (NC)	
lab*lrj	0.097 0.25 0.0
lab*tce	0.125 0.25 0.0
lab*nce	0.75 0.25 0.069

$n^* = 0.50$

relative Inform. Technology (IT)	
olvi3*	0.0 0.0 0.0 (0.0)
cmyn3*	1.0 1.0 1.0 (1.0)
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*TCa	0.01 0.01 -
relative CIELAB lab*	
lab*lab	0.0 0.0 0.0
lab*tch	0.0 0.0 -
lab*nch	1.0 0.0 -
relative Natural Colour (NC)	
lab*lrj	0.0 0.0 0.0
lab*tce	0.0 0.0 -
lab*nce	1.0 0.0 -

$n^* = 1.0$

relative Inform. Technology (IT)	
olvi3*	1.0 0.25 0.492 (1.0)
cmyn3*	0.0 0.75 0.508 (0.0)
olvi4*	1.0 0.25 0.492 (1.0)
cmyn4*	0.0 0.75 0.508 (0.0)
standard and adapted CIELAB	
LAB*LAB	59.85 51.12 26.01
LAB*LABa	59.85 51.42 23.65
LAB*TCa	62.5 56.6 24.7
relative CIELAB lab*	
lab*lab	0.541 0.681 0.313
lab*tch	0.625 0.75 0.069
lab*nch	0.0 0.75 0.069
relative Natural Colour (NC)	
lab*lrj	0.541 0.75 0.0
lab*tce	0.625 0.75 0.0
lab*nce	0.0 0.75 0.069

relative Inform. Technology (IT)	
olvi3*	0.75 0.0 0.242 (1.0)
cmyn3*	0.25 1.0 0.758 (0.0)
olvi4*	1.0 0.25 0.492 (1.0)
cmyn4*	0.0 0.75 0.508 (0.0)
standard and adapted CIELAB	
LAB*LAB	40.51 51.49 24.71
LAB*LABa	40.51 51.42 23.65
LAB*TCa	37.51 56.6 24.7
relative CIELAB lab*	
lab*lab	0.291 0.681 0.313
lab*tch	0.375 0.75 0.069
lab*nch	0.25 0.75 0.069
relative Natural Colour (NC)	
lab*lrj	0.291 0.75 0.0
lab*tce	0.375 0.75 0.0
lab*nce	0.25 0.75 0.069

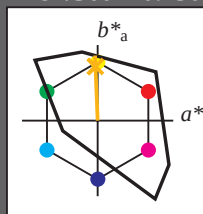
Eingabe: Farbmatisches Fernseh-Licht-System TLS00

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



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

$n^* = 0,25$

$n^* = 0,50$

0,00

relative Buntheit c^*

OG450-7, 5 stufige Reihen für konstanten CIELAB Buntton 92/360 = 0.256 (links)

BAM-Prüfvorlage OG45; Farbmatrik-Systeme TLS00 & ORS18 input: $cmY0^* setcmykcolor$

D65: 5stufige Farbreihen und Koordinatendaten für 10 Bunttöne output: $cmY0^* / 000n^* setcmykcolor$

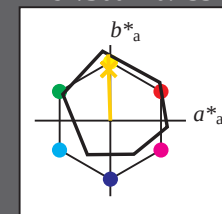
Ausgabe: Farbmatisches Offset-Reflektiv-System ORS18

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



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

$n^* = 0,25$

$n^* = 0,50$

0,00

relative Buntheit c^*

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

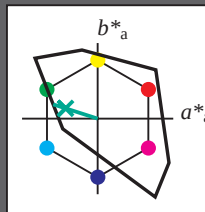
Siehe ähnliche Dateien: <http://www.ps.bam.de/OG45/>
Technische Information: <http://www.ps.bam.de> Version 2.1, io=0.0, CIELAB

Eingabe: Farbmimetrisches 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



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

$n^* = 0,25$

$n^* = 0,50$

0,00

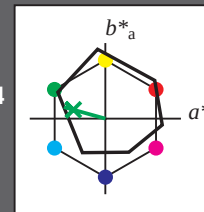
relative Buntheit c^*

Ausgabe: Farbmimetrisches 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

$u^*_{rel} = 93$

1,00

0,75

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*tce 1.0 0.0 0.0
lab*nce 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 0.75 0.75 (1.0)
lab*tch 0.75 0.75 0.75 (1.0)
lab*nch 0.25 0.25 0.25 (0.0)
relative Natural Colour (NC)
lab*trj 0.75 0.75 0.75 (1.0)
lab*tce 0.75 0.75 0.75 (1.0)
lab*nce 0.25 0.25 0.25 (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* 0.75 0.75 0.75 (1.0)
cmyn4* 0.25 0.25 0.25 (0.0)
standard and adapted CIELAB
LAB*LAB 65.41 -1.17 3.81
LAB*LABa 65.41 0.0 0.0
LAB*LABb 65.41 0.0 0.0
relative CIELAB lab*
lab*lab 0.5 0.5 0.5 (1.0)
lab*tch 0.5 0.5 0.5 (1.0)
lab*nch 0.25 0.25 0.25 (0.0)
relative Natural Colour (NC)
lab*trj 0.5 0.5 0.5 (1.0)
lab*tce 0.5 0.5 0.5 (1.0)
lab*nce 0.25 0.25 0.25 (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 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 0.25 0.25 0.25 (1.0)
lab*tch 0.25 0.25 0.25 (1.0)
lab*nch 0.75 0.75 0.75 (0.0)
relative Natural Colour (NC)
lab*trj 0.25 0.25 0.25 (1.0)
lab*tce 0.25 0.25 0.25 (1.0)
lab*nce 0.75 0.75 0.75 (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 46.06 -1.37 3.81
LAB*LABa 46.06 0.0 0.0
LAB*LABb 46.06 0.0 0.0
relative CIELAB lab*
lab*lab 0.25 0.25 0.25 (1.0)
lab*tch 0.25 0.25 0.25 (1.0)
lab*nch 0.75 0.75 0.75 (0.0)
relative Natural Colour (NC)
lab*trj 0.25 0.25 0.25 (1.0)
lab*tce 0.25 0.25 0.25 (1.0)
lab*nce 0.75 0.75 0.75 (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 37.36 0.13 3.83
LAB*LABa 37.36 0.0 0.0
LAB*LABb 37.36 0.0 0.0
relative CIELAB lab*
lab*lab 0.25 0.25 0.25 (1.0)
lab*tch 0.25 0.25 0.25 (1.0)
lab*nch 0.75 0.75 0.75 (0.0)
relative Natural Colour (NC)
lab*trj 0.25 0.25 0.25 (1.0)
lab*tce 0.25 0.25 0.25 (1.0)
lab*nce 0.75 0.75 0.75 (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 (1.0)
lab*tch 0.0 0.0 0.0 (1.0)
lab*nch 1.0 0.0 0.0 (0.0)
relative Natural Colour (NC)
lab*trj 0.0 0.0 0.0 (1.0)
lab*tce 0.0 0.0 0.0 (1.0)
lab*nce 1.0 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 0.01 0.0 0.0
LAB*LABa 0.01 0.0 0.0
LAB*LABb 0.01 0.0 0.0
relative CIELAB lab*
lab*lab 0.0 0.0 0.0 (1.0)
lab*tch 0.0 0.0 0.0 (1.0)
lab*nch 1.0 0.0 0.0 (0.0)
relative Natural Colour (NC)
lab*trj 0.0 0.0 0.0 (1.0)
lab*tce 0.0 0.0 0.0 (1.0)
lab*nce 1.0 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 0.01 0.0 0.0
LAB*LABa 0.01 0.0 0.0
LAB*LABb 0.01 0.0 0.0
relative CIELAB lab*
lab*lab 0.0 0.0 0.0 (1.0)
lab*tch 0.0 0.0 0.0 (1.0)
lab*nch 1.0 0.0 0.0 (0.0)
relative Natural Colour (NC)
lab*trj 0.0 0.0 0.0 (1.0)
lab*tce 0.0 0.0 0.0 (1.0)
lab*nce 1.0 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 0.01 0.0 0.0
LAB*LABa 0.01 0.0 0.0
LAB*LABb 0.01 0.0 0.0
relative CIELAB lab*
lab*lab 0.0 0.0 0.0 (1.0)
lab*tch 0.0 0.0 0.0 (1.0)
lab*nch 1.0 0.0 0.0 (0.0)
relative Natural Colour (NC)
lab*trj 0.0 0.0 0.0 (1.0)
lab*tce 0.0 0.0 0.0 (1.0)
lab*nce 1.0 0.0 0.0 (0.0)

$n^* = 1,0$

0,75

0,50

0,25

0,00

0,25

0,50

0,75

1,00

0,25

0,50

0,75

1,00

0,25

0,50

0,75

1,00

0,25

0,50

0,75

1,00

0,25

0,50

0,75

1,00

0,25

0,50

0,75

1,00

0,25

0,50

0,75

1,00

0,25

0,50

0,75

1,00

%Regularität

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

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

0,75

0,50

0,25

0,00

0,25

0,50

0,75

1,00

0,25

0,50

0,75

1,00

0,25

0,50

0,75

1,00

0,25

0,50

0,75

1,00

0,25

0,50

0,75

1,00

0,25

0,50

0,75

1,00

%Umfang

$u^*_{rel} = 93$

0,75

0,50

0,25

0,00

0,25

0,50

0,75

1,00

0,25

0,50

0,75

1,00

0,25

0,50

0,75

1,00

0,25

0,50

0,75

1,00

0,25

0,50

0,75

1,00

0,25

0,50

0,75

1,00

relative Inform. Technology (IT)
olvi3* 0.5 0.5 0.5 (1.0)
cmyn3* 0.5 0.5 0.5 (0.0)
olvi4* 0.75 0.75 0.75 (1.0)
cmyn4* 0.25 0.25 0.25 (0.0)
standard and adapted CIELAB
LAB*LAB 74.1 -27.98 10.94
LAB*LABa 74.1 -27.4 7.62
LAB*LABb 74.1 -27.98 10.94
relative CIELAB lab*
lab*lab 0.5 0.5 0.5 (1.0)
lab*tch 0.5 0.5 0.5 (1.0)
lab*nch 0.25 0.25 0.25 (0.0)
relative Natural Colour (NC)
lab*trj 0.5 0.5 0.5 (1.0)
lab*tce 0.5 0.5 0.5 (1.0)
lab*nce 0.25 0.25 0.25 (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 54.76 -27.41 9.64
LAB*LABa 54.76 -27.41 9.64
LAB*LABb 54.76 -27.41 9.64
relative CIELAB lab*
lab*lab 0.25 0.25 0.25 (1.0)
lab*tch 0.25 0.25 0.25 (1.0)
lab*nch 0.75 0.75 0.75 (0.0)
relative Natural Colour (NC)
lab*trj 0.25 0.25 0.25 (1.0)
lab*tce 0.25 0.25 0.25 (1.0)
lab*nce 0.75 0.75 0.75 (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 46.06 -1.37 3.81
LAB*LABa 46.06 0.0 0.0
LAB*LABb 46.06 0.0 0.0
relative CIELAB lab*
lab*lab 0.25 0.25 0.25 (1.0)
lab*tch 0.25 0.25 0.25 (1.0)
lab*nch 0.75 0.75 0.75 (0.0)
relative Natural Colour (NC)
lab*trj 0.25 0.25 0.25 (1.0)
lab*tce 0.25 0.25 0.25 (1.0)
lab*nce 0.75 0.75 0.75 (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 37.36 0.13 3.83
LAB*LABa 37.36 0.0 0.0
LAB*LABb 37.36 0.0 0.0
relative CIELAB lab*
lab*lab 0.25 0.25 0.25 (1.0)
lab*tch 0.25 0.25 0.25 (1.0)
lab*nch 0.75 0.75 0.75 (0.0)
relative Natural Colour (NC)
lab*trj 0.25 0.25 0.25 (1.0)
lab*tce 0.25 0.25 0.25 (1.0)
lab*nce 0.75 0.75 0.75 (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 (1.0)
lab*tch 0.0 0.0 0.0 (1.0)
lab*nch 1.0 0.0 0.0 (0.0)
relative Natural Colour (NC)
lab*trj 0.0 0.0 0.0 (1.0)
lab*tce 0.0 0.0 0.0 (1.0)
lab*nce 1.0 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 0.01 0.0 0.0
LAB*LABa 0.01 0.0 0.0
LAB*LABb 0.01 0.0 0.0
relative CIELAB lab*
lab*lab 0.0 0.0 0.0 (1.0)
lab*tch 0.0 0.0 0.0 (1.0)
lab*nch 1.0 0.0 0.0 (0.0)
relative Natural Colour (NC)
lab*trj 0.0 0.0 0.0 (1.0)
lab*tce 0.0 0.0 0.0 (1.0)
lab*nce 1.0 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 0.01 0.0 0.0
LAB*LABa 0.01 0.0 0.0
LAB*LABb 0.01 0.0 0.0
relative CIELAB lab*
lab*lab 0.0 0.0 0.0 (1.0)
lab*tch 0.0 0.0 0.0 (1.0)
lab*nch 1.0 0.0 0.0 (0.0)
relative Natural Colour (NC)
lab*trj 0.0 0.0 0.0 (1.0)
lab*tce 0.0 0.0 0.0 (1.0)
lab*nce 1.0 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 0.01 0.0 0.0
LAB*LABa 0.01 0.0 0.0
LAB*LABb 0.01 0.0 0.0
relative CIELAB lab*
lab*lab 0.0 0.0 0.0 (1.0)
lab*tch 0.0 0.0 0.0 (1.0)
lab*nch 1.0 0.0 0.0 (0.0)
relative Natural

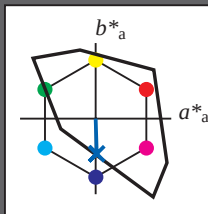
Eingabe: Farbmatisches Fernseh-Licht-System TLS00

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

$n^* = 0,25$

$n^* = 0,50$

0,00

relative Buntheit c^*

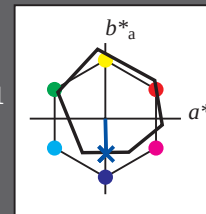
Ausgabe: Farbmatisches Offset-Reflektiv-System ORS18

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

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

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

1,00

0,75

$n^* = 0,00$

0,25

$n^* = 0,25$

$n^* = 0,50$

1,00

relative Buntheit c^*

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

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

BAM-Prüfvorlage OG45; Farbmatrik-Systeme TLS00 & ORS18 input: $cmY0^* setcmykcolor$

D65: 5stufige Farbreihen und Koordinatendaten für 10 Bunttöne output: $cmY0^* / 000n^* setcmykcolor$