

Eingabe: Farbmatisches Fernseh-Licht-System TLS00

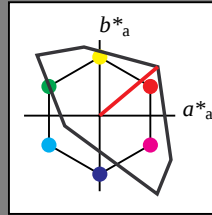
für Buntton $h^* = lab^*h = 40/360 = 0.111$ lab^*tch und lab^*nch

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

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

Ausgabe: Farbmatisches Offset-Reflektiv-System ORS18

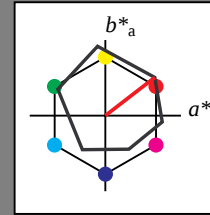
für Buntton $h^* = lab^*h = 38/360 = 0.105$ lab^*tch und lab^*nch

D65: Buntton O

LCH*Ma: 48 83 38

olv*Ma: 1.0 0.0 0.0

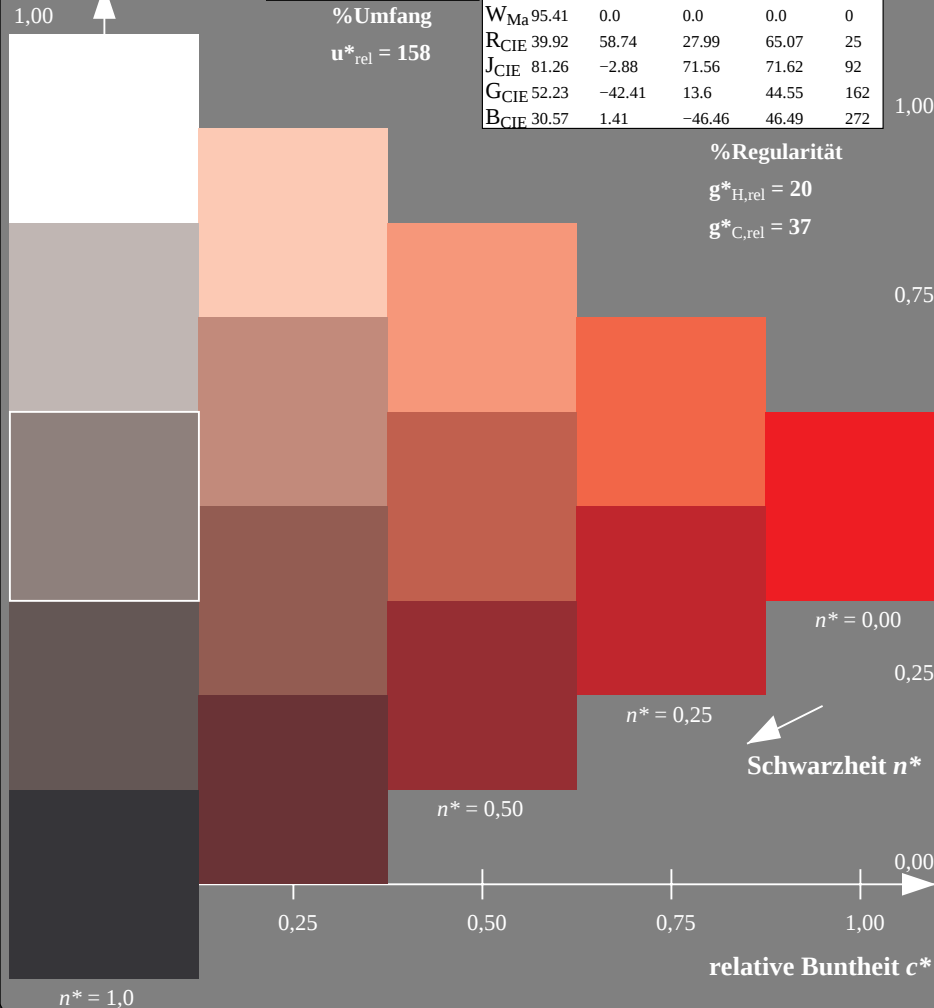
Dreiecks-Helligkeit



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

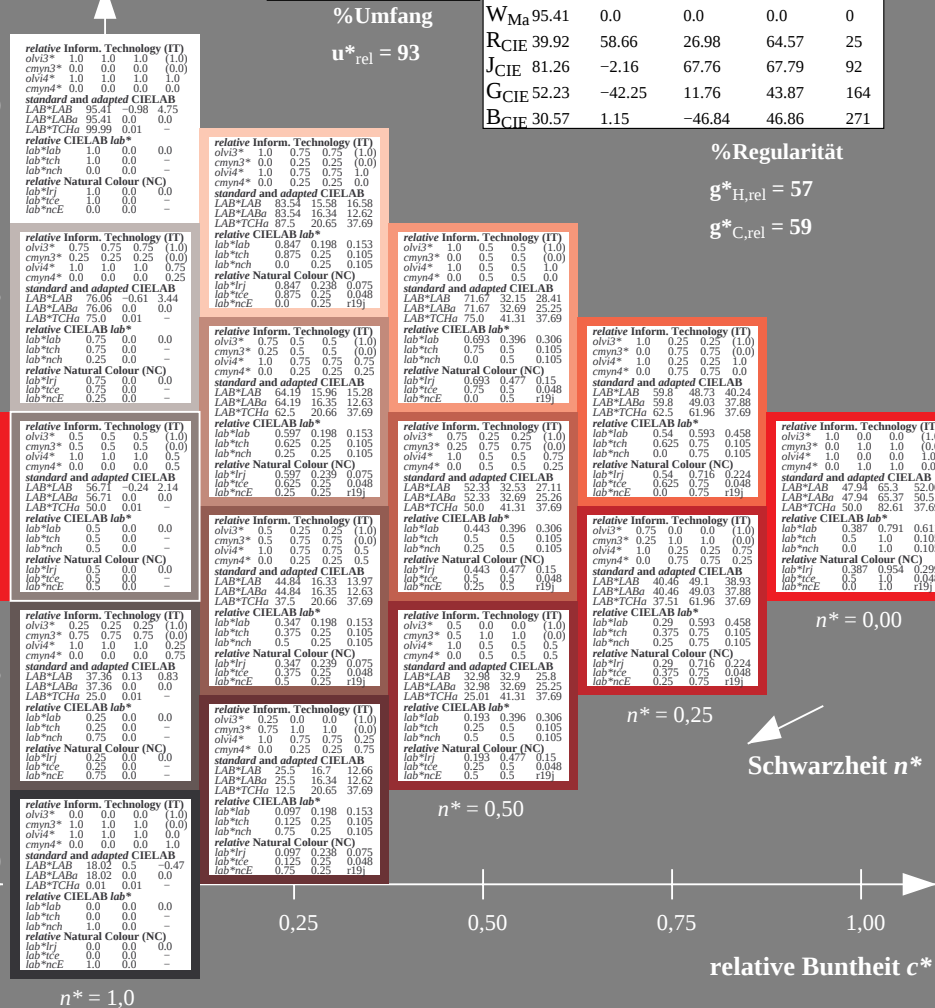
%Regularität

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

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



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

Eingabe: Farbmatisches Fernseh-Licht-System TLS00

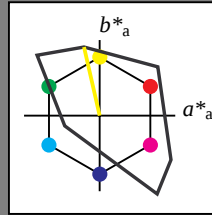
für Buntton $h^* = lab^*h = 103/360 = 0.286$ lab^*tch und lab^*nch

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

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

Ausgabe: Farbmatisches Offset-Reflektiv-System ORS18

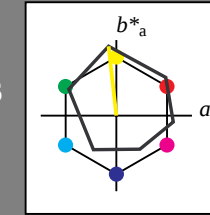
für Buntton $h^* = lab^*h = 96/360 = 0.268$ lab^*tch und lab^*nch

D65: Buntton Y

LCH*Ma: 90 92 96

olv*Ma: 1.0 1.0 0.0

Dreiecks-Helligkeit



%Umfang

 $u^*_{rel} = 93$

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	0.0	0.0		
lab*tch	0.75	0.0	0.0		
lab*nch	0.25	0.0	0.0		
relative Natural Colour (NC)					
lab*trj	0.75	0.0	0.0		
lab*tce	0.75	0.0	0.0		
lab*nce	0.25	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	0.5	0.0	0.0		
relative Natural Colour (NC)					
lab*trj	0.5	0.0	0.0		
lab*tce	0.5	0.0	0.0		
lab*nce	0.5	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	0.75	0.0	0.0		
relative Natural Colour (NC)					
lab*trj	0.25	0.0	0.0		
lab*tce	0.25	0.0	0.0		
lab*nce	0.75	0.0	0.0		

relative Inform. Technology (IT)					
olvi3*	0.0	0.0	0.0	(1.0)	
cmyn3*	1.0	1.0	1.0	(0.0)	
olvi4*	1.0	1.0	1.0	(1.0)	
cmyn4*	0.0	0.0	0.0	(0.0)	
standard and adapted CIELAB					
LAB*LAB	18.02	0.0	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	1.0	0.0	0.0		
relative Natural Colour (NC)					
lab*trj	0.0	0.0	0.0		
lab*tce	0.0	0.0	0.0		
lab*nce	1.0	0.0	0.0		

 $n^* = 1,0$

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

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

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

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

%Regularität

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

1,00

0,75

 $n^* = 0,00$

0,25

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

Eingabe: Farbmatisches Fernseh-Licht-System TLS00

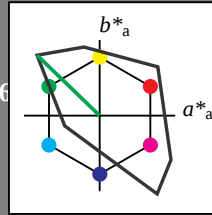
für Buntton $h^* = lab^*h = 136/360 = 0.378$ lab^*tch und lab^*nch

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

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

Ausgabe: Farbmatisches Offset-Reflektiv-System ORS18

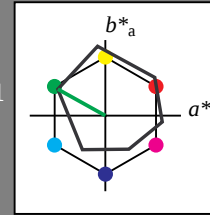
für Buntton $h^* = lab^*h = 151/360 = 0.419$ lab^*tch und lab^*nch

D65: Buntton L

LCH*Ma: 51 72 151

olv*Ma: 0.0 1.0 0.0

Dreiecks-Helligkeit



%Umfang

 $u^*_{rel} = 93$

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*Lab	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		
lab*trj	1.0	0.0	0.0		
relative Natural Colour (NC)					
lab*trj	1.0	0.0	0.0		
lab*tch	1.0	0.0	0.0		
lab*nch	0.0	0.0	0.0		

relative Inform. Technology (IT)					
olvi3*	0.75	0.75	0.75	(1.0)	
cmyn3*	0.25	0.25	0.25	(0.0)	
olvi4*	1.0	1.0	1.0	(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*Lab	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	0.25	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	0.25	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*Lab	56.71	0.0	0.0		
LAB*Lab	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	0.5	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	0.5	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*Lab	37.36	0.0	0.0		
LAB*Lab	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	0.75	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	0.75	0.0	0.0		

relative Inform. Technology (IT)					
olvi3*	0.0	0.0	0.0	(1.0)	
cmyn3*	1.0	1.0	1.0	(0.0)	
olvi4*	1.0	1.0	1.0	(1.0)	
cmyn4*	0.0	0.0	0.0	(0.0)	
standard and adapted CIELAB					
LAB*LAB	18.02	0.3	0.47		
LAB*Lab	18.02	0.0	0.0		
LAB*Lab	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	1.0	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	1.0	0.0	0.0		

 $n^* = 1,0$

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

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

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

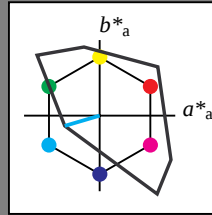
für Buntton $h^* = lab^*h = 196/360 = 0.545$ lab^*tch und lab^*nch

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

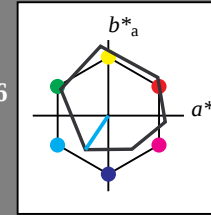
für Buntton $h^* = lab^*h = 236/360 = 0.656$ lab^*tch und lab^*nch

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^*

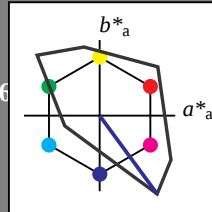
5 stufige Reihen für konstanten CIELAB Buntton 236/360 = 0.656 (rechts)

Eingabe: 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)
relative Natural Colour (NC)	
lab*trj	1.0 0.0 0.0
lab*trc	1.0 0.0 0.0
lab*trce	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)
relative Natural Colour (NC)	
lab*trj	0.75 0.112 -0.222
lab*trc	0.875 0.52 0.824
lab*trce	0.0 0.25 0.29

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 1.0 (0.5)
cmyn4*	0.0 0.0 0.0 (0.0)
relative Natural Colour (NC)	
lab*trj	0.525 0.112 -0.222
lab*trc	0.625 0.25 0.824
lab*trce	0.25 0.25 0.29

relative Inform. Technology (IT)	
olvi3*	0.25 0.25 0.25 (1.0)
cmyn3*	0.75 0.75 0.5 (0.0)
olvi4*	0.75 0.75 1.0 (0.5)
cmyn4*	0.25 0.25 0.0 (0.0)
relative Natural Colour (NC)	
lab*trj	0.275 0.112 -0.222
lab*trc	0.375 0.52 0.824
lab*trce	0.5 0.25 0.29

relative Inform. Technology (IT)	
olvi3*	0.0 0.0 0.0 (1.0)
cmyn3*	1.0 1.0 1.0 (0.0)
olvi4*	1.0 1.0 1.0 (0.0)
cmyn4*	0.0 0.0 0.0 (1.0)
relative Natural Colour (NC)	
lab*trj	0.0 0.0 0.0
lab*trc	0.0 0.0 0.0
lab*trce	1.0 0.0 0.0

 $n^* = 1.0$

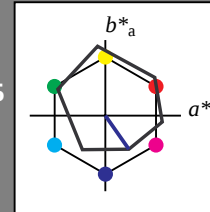
5 stufige Reihen für konstanten CIELAB Buntton 305/360 = 0.847 (rechts)

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 $h^* = lab^*h = 305/360 = 0.847$ lab^*tch und lab^*nch D65: Buntton V
LCH*Ma: 26 54 305
olv*Ma: 0.0 0.0 1.0

Dreiecks-Helligkeit



%Umfang

 $u^*_{rel} = 93$

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 1.0 (1.0)
cmyn3*	0.25 0.25 0.0 (0.0)
olvi4*	0.75 0.75 1.0 (1.0)
cmyn4*	0.25 0.25 0.0 (0.0)
relative Natural Colour (NC)	
lab*trj	0.75 0.112 -0.222
lab*trc	0.875 0.52 0.824
lab*trce	0.0 0.25 0.29

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 1.0 (0.5)
cmyn4*	0.5 0.5 0.0 (0.0)
relative Natural Colour (NC)	
lab*trj	0.525 0.112 -0.222
lab*trc	0.625 0.25 0.824
lab*trce	0.25 0.25 0.29

relative Inform. Technology (IT)	
olvi3*	0.25 0.25 0.25 (1.0)
cmyn3*	0.75 0.75 0.5 (0.0)
olvi4*	0.75 0.75 1.0 (0.5)
cmyn4*	0.25 0.25 0.0 (0.0)
relative Natural Colour (NC)	
lab*trj	0.275 0.112 -0.222
lab*trc	0.375 0.52 0.824
lab*trce	0.5 0.25 0.29

relative Inform. Technology (IT)	
olvi3*	0.0 0.0 0.0 (1.0)
cmyn3*	1.0 1.0 1.0 (0.0)
olvi4*	1.0 1.0 1.0 (0.0)
cmyn4*	0.0 0.0 0.0 (1.0)
relative Natural Colour (NC)	
lab*trj	0.0 0.0 0.0
lab*trc	0.0 0.0 0.0
lab*trce	1.0 0.0 0.0

relative Inform. Technology (IT)	
olvi3*	0.0 0.0 0.0 (1.0)
cmyn3*	1.0 1.0 1.0 (0.0)
olvi4*	1.0 1.0 1.0 (0.0)
cmyn4*	0.0 0.0 0.0 (1.0)
relative Natural Colour (NC)	
lab*trj	0.0 0.0 0.0
lab*trc	0.0 0.0 0.0
lab*trce	1.0 0.0 0.0

 $n^* = 1.0$

relative Inform. Technology (IT)	
olvi3*	0.5 0.5 1.0 (1.0)
cmyn3*	0.5 0.5 0.0 (0.0)
olvi4*	0.5 0.5 1.0 (1.0)
cmyn4*	0.5 0.5 0.0 (0.0)
relative Natural Colour (NC)	
lab*trj	0.525 0.112 -0.222
lab*trc	0.625 0.25 0.824
lab*trce	0.0 0.25 0.29

relative Inform. Technology (IT)	
olvi3*	0.25 0.25 0.25 (1.0)
cmyn3*	0.75 0.75 0.5 (0.0)
olvi4*	0.5 0.5 1.0 (0.5)
cmyn4*	0.5 0.5 0.0 (0.0)
relative Natural Colour (NC)	
lab*trj	0.275 0.112 -0.222
lab*trc	0.375 0.52 0.824
lab*trce	0.5 0.25 0.29

relative Inform. Technology (IT)	
olvi3*	0.0 0.0 0.0 (1.0)
cmyn3*	1.0 1.0 1.0 (0.0)
olvi4*	1.0 1.0 1.0 (0.0)
cmyn4*	0.0 0.0 0.0 (1.0)
relative Natural Colour (NC)	
lab*trj	0.0 0.0 0.0
lab*trc	0.0 0.0 0.0
lab*trce	1.0 0.0 0.0

relative Inform. Technology (IT)	
olvi3*	0.0 0.0 0.0 (1.0)
cmyn3*	1.0 1.0 1.0 (0.0)
olvi4*	1.0 1.0 1.0 (0.0)
cmyn4*	0.0 0.0 0.0 (1.0)
relative Natural Colour (NC)	
lab*trj	0.0 0.0 0.0
lab*trc	0.0 0.0 0.0
lab*trce	1.0 0.0 0.0

relative Inform. Technology (IT)	
olvi3*	0.0 0.0 0.0 (1.0)
cmyn3*	1.0 1.0 1.0 (0.0)
olvi4*	1.0 1.0 1.0 (0.0)
cmyn4*	0.0 0.0 0.0 (1.0)
relative Natural Colour (NC)	
lab*trj	0.0 0.0 0.0
lab*trc	0.0 0.0 0.0
lab*trce	1.0 0.0 0.0

 $n^* = 1.0$

relative Inform. Technology (IT)	
olvi3*	0.25 0.25 0.25 (1.0)
cmyn3*	0.75 0.75 0.5 (0.0)
olvi4*	0.25 0.25 1.0 (0.5)
cmyn4*	0.75 0.75 0.0 (0.0)
relative Natural Colour (NC)	
lab*trj	0.275 0.112 -0.222
lab*trc	0.375 0.52 0.824
lab*trce	0.5 0.25 0.29

relative Inform. Technology (IT)	
olvi3*	0.0 0.0 0.0 (1.0)
cmyn3*	1.0 1.0 1.0 (0.0)
olvi4*	0.25 0.25 1.0 (0.5)
cmyn4*	0.75 0.75 0.0 (0.0)
relative Natural Colour (NC)	
lab*trj	0.275 0.112 -0.222
lab*trc	0.375 0.52 0.824
lab*trce	0.5 0.25 0.29

relative Inform. Technology (IT)	
olvi3*	0.0 0.0 0.0 (1.0)
cmyn3*	1.0 1.0 1.0 (0.0)
olvi4*	0.25 0.25 1.0 (0.5)
cmyn4*	0.75 0.75 0.0 (0.0)
relative Natural Colour (NC)	
lab*trj	0.275 0.112 -0.222
lab*trc	0.375 0.52 0.824
lab*trce	0.5 0.25 0.29

relative Inform. Technology (IT)	
olvi3*	0.0 0.0 0.0 (1.0)
cmyn3*	1.0 1.0 1.0 (0.0)
olvi4*	0.25 0.25 1.0 (0.5)
cmyn4*	0.75 0.75 0.0 (0.0)
relative Natural Colour (NC)	
lab*trj	0.275 0.112 -0.222
lab*trc	0.375 0.52 0.824
lab*trce	0.5 0.25 0.29

relative Inform. Technology (IT)	
olvi3*	0.0 0.0 0.0 (1.0)
cmyn3*	1.0 1.0 1.0 (0.0)
olvi4*	0.25 0.25 1.0 (0.5)
cmyn4*	0.75 0.75 0.0 (0.0)
relative Natural Colour (NC)	
lab*trj	0.275 0.112 -0.222
lab*trc	0.375 0.52 0.824
lab*trce	0.5 0.25 0.29

 $n^* = 1.0$

relative Inform. Technology (IT)	
olvi3*	0.0 0.0 0.0 (1.0)
cmyn3*	1.0 1.0 1.0 (0.0)
olvi4*	0.25 0.25 1.0 (0.5)
cmyn4*	0.75 0.75 0.0 (0.0)
relative Natural Colour (NC)	
lab*trj	0.275 0.112 -0.222
lab*trc	0.375 0.52 0.824
lab*trce	0.5 0.25 0.29

relative Inform. Technology (IT)	
olvi3*	0.0 0.0 0.0 (1.0)
cmyn3*	1.0 1.0 1.0 (0.0)
olvi4*	0.25 0.25 1.0 (0.5)
cmyn4*	0.75 0.75 0.0 (0.0)
relative Natural Colour (NC)	
lab*trj	0.275 0.112 -0.222
lab*trc	0.375 0.52 0.824
lab*trce	0.5 0.25 0.29

relative Inform. Technology (IT)	
olvi3*	0.0 0.0 0.0 (1.0)
cmyn3*	1.0 1.0 1.0 (0.0)
olvi4*	0.25 0.25 1.0 (0.5)
cmyn4*	0.75 0.75 0.0 (0.0)
relative Natural Colour (NC)	
lab*trj	0.275 0.112 -0.222
lab*trc	0.375 0.52 0.824
lab*trce	0.5 0.25 0.29

relative Inform. Technology (IT)	
olvi3*	0.0 0.0 0.0 (1.0)
cmyn3*	1.0 1.0 1.0 (0.0)
olvi4*	0.25 0.25 1.0 (0.5)
cmyn4*	0.75 0.75 0.0 (0.0)
relative Natural Colour (NC)	
lab*trj	0.275 0.112 -0.222
lab*trc	0.375 0.52 0.824
lab*trce	0.5 0.25 0.29

relative Inform. Technology (IT)	
olvi3*	0.0 0.0 0.0 (1.0)
cmyn3*	1.0 1.0 1.0 (0.0)
olvi4*	0.25 0.25 1.0 (0.5)
cmyn4*	0.75 0.75 0.0 (0.0)
relative Natural Colour (NC)	
lab*trj	0.275 0.112 -0.222
lab*trc	0.375 0.52 0.824
lab*trce	0.5 0.25 0.29

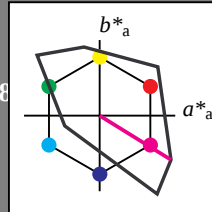
 $n^* = 1.0$

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

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
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*	1.0 0.75 1.0 (1.0)
cmyn3*	0.0 0.25 0.0 (0.0)
olvi4*	1.0 0.75 1.0 (1.0)
cmyn4*	0.0 0.25 0.0 (0.0)
standard and adapted CIELAB	
LAB*LAB	83.59 18.81 2.08
LAB*LABa	83.59 18.81 2.08
LAB*LABb	83.59 18.81 2.08
relative CIELAB lab*	
lab*lab	0.847 0.248 -0.027
lab*tch	0.875 0.25 0.982
lab*nch	0.0 0.25 0.982
lab*trj	0.847 0.227 -0.103
lab*trc	0.875 0.25 0.932
lab*ncc	0.0 0.25 0.932

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 -0.61 3.44
LAB*LABb	76.06 -0.61 3.44
relative CIELAB lab*	
lab*lab	0.75 0.5 0.0 (0.0)
lab*tch	0.75 0.5 0.0 (0.0)
lab*nch	0.0 0.5 0.0 (0.0)
lab*trj	0.75 0.5 0.0 (0.0)
lab*trc	0.75 0.5 0.0 (0.0)
lab*ncc	0.0 0.5 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 0.24 2.14
LAB*LABb	56.71 0.24 2.14
relative CIELAB lab*	
lab*lab	0.5 0.5 0.0 (0.0)
lab*tch	0.5 0.5 0.0 (0.0)
lab*nch	0.0 0.5 0.0 (0.0)
lab*trj	0.5 0.5 0.0 (0.0)
lab*trc	0.5 0.5 0.0 (0.0)
lab*ncc	0.0 0.5 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 0.13 0.83
LAB*LABb	37.36 0.13 0.83
relative CIELAB lab*	
lab*lab	0.347 0.248 -0.027
lab*tch	0.375 0.25 0.982
lab*nch	0.0 0.25 0.982
lab*trj	0.347 0.227 -0.103
lab*trc	0.375 0.25 0.932
lab*ncc	0.0 0.25 0.932

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 0.5 -0.47
LAB*LABb	18.02 0.5 -0.47
relative CIELAB lab*	
lab*lab	0.0 0.0 0.0 (0.0)
lab*tch	0.0 0.0 0.0 (0.0)
lab*nch	0.0 0.0 0.0 (0.0)
lab*trj	0.0 0.0 0.0 (0.0)
lab*trc	0.0 0.0 0.0 (0.0)
lab*ncc	0.0 0.0 0.0 (0.0)

relative Inform. Technology (IT)	
olvi3*	0.0 0.0 0.0 (1.0)
cmyn3*	0.0 0.0 0.0 (0.0)
olvi4*	0.0 0.0 0.0 (1.0)
cmyn4*	0.0 0.0 0.0 (0.0)
standard and adapted CIELAB	
LAB*LAB	0.01 0.01 0.01
LAB*LABa	0.01 0.01 0.01
LAB*LABb	0.01 0.01 0.01
relative CIELAB lab*	
lab*lab	0.0 0.0 0.0 (0.0)
lab*tch	0.0 0.0 0.0 (0.0)
lab*nch	0.0 0.0 0.0 (0.0)
lab*trj	0.0 0.0 0.0 (0.0)
lab*trc	0.0 0.0 0.0 (0.0)
lab*ncc	0.0 0.0 0.0 (0.0)

relative Inform. Technology (IT)	
olvi3*	0.0 0.0 0.0 (1.0)
cmyn3*	0.0 0.0 0.0 (0.0)
olvi4*	0.0 0.0 0.0 (1.0)
cmyn4*	0.0 0.0 0.0 (0.0)
standard and adapted CIELAB	
LAB*LAB	0.01 0.01 0.01
LAB*LABa	0.01 0.01 0.01
LAB*LABb	0.01 0.01 0.01
relative CIELAB lab*	
lab*lab	0.0 0.0 0.0 (0.0)
lab*tch	0.0 0.0 0.0 (0.0)
lab*nch	0.0 0.0 0.0 (0.0)
lab*trj	0.0 0.0 0.0 (0.0)
lab*trc	0.0 0.0 0.0 (0.0)
lab*ncc	0.0 0.0 0.0 (0.0)

relative Inform. Technology (IT)	
olvi3*	0.0 0.0 0.0 (1.0)
cmyn3*	0.0 0.0 0.0 (0.0)
olvi4*	0.0 0.0 0.0 (1.0)
cmyn4*	0.0 0.0 0.0 (0.0)
standard and adapted CIELAB	
LAB*LAB	0.01 0.01 0.01
LAB*LABa	0.01 0.01 0.01
LAB*LABb	0.01 0.01 0.01
relative CIELAB lab*	
lab*lab	0.0 0.0 0.0 (0.0)
lab*tch	0.0 0.0 0.0 (0.0)
lab*nch	0.0 0.0 0.0 (0.0)
lab*trj	0.0 0.0 0.0 (0.0)
lab*trc	0.0 0.0 0.0 (0.0)
lab*ncc	0.0 0.0 0.0 (0.0)

relative Inform. Technology (IT)	
olvi3*	0.0 0.0 0.0 (1.0)
cmyn3*	0.0 0.0 0.0 (0.0)
olvi4*	0.0 0.0 0.0 (1.0)
cmyn4*	0.0 0.0 0.0 (0.0)
standard and adapted CIELAB	
LAB*LAB	0.01 0.01 0.01
LAB*LABa	0.01 0.01 0.01
LAB*LABb	0.01 0.01 0.01
relative CIELAB lab*	
lab*lab	0.0 0.0 0.0 (0.0)
lab*tch	0.0 0.0 0.0 (0.0)
lab*nch	0.0 0.0 0.0 (0.0)
lab*trj	0.0 0.0 0.0 (0.0)
lab*trc	0.0 0.0 0.0 (0.0)
lab*ncc	0.0 0.0 0.0 (0.0)

relative Inform. Technology (IT)	
olvi3*	0.0 0.0 0.0 (1.0)
cmyn3*	0.0 0.0 0.0 (0.0)
olvi4*	0.0 0.0 0.0 (1.0)
cmyn4*	0.0 0.0 0.0 (0.0)
standard and adapted CIELAB	
LAB*LAB	0.01 0.01 0.01
LAB*LABa	0.01 0.01 0.01
LAB*LABb	0.01 0.01 0.01
relative CIELAB lab*	
lab*lab	0.0 0.0 0.0 (0.0)
lab*tch	0.0 0.0 0.0 (0.0)
lab*nch	0.0 0.0 0.0 (0.0)
lab*trj	0.0 0.0 0.0 (0.0)
lab*trc	0.0 0.0 0.0 (0.0)
lab*ncc	0.0 0.0 0.0 (0.0)

relative Inform. Technology (IT)	
olvi3*	0.0 0.0 0.0 (1.0)
cmyn3*	0.0 0.0 0.0 (0.0)
olvi4*	0.0 0.0 0.0 (1.0)
cmyn4*	0.0 0.0 0.0 (0.0)
standard and adapted CIELAB	
LAB*LAB	0.01 0.01 0.01
LAB*LABa	0.01 0.01 0.01
LAB*LABb	0.01 0.01 0.01
relative CIELAB lab*	
lab*lab	0.0 0.0 0.0 (0.0)
lab*tch	0.0 0.0 0.0 (0.0)
lab*nch	0.0 0.0 0.0 (0.0)
lab*trj	0.0 0.0 0.0 (0.0)
lab*trc	0.0 0.0 0.0 (0.0)
lab*ncc	0.0 0.0 0.0 (0.0)

relative Inform. Technology (IT)	
olvi3*	0.0 0.0 0.0 (1.0)
cmyn3*	0.0 0.0 0.0 (0.0)
olvi4*	0.0 0.0 0.0 (1.0)
cmyn4*	0.0 0.0 0.0 (0.0)
standard and adapted CIELAB	
LAB*LAB	0.01 0.01 0.01
LAB*LABa	0.01 0.01 0.01
LAB*LABb	0.01 0.01 0.01
relative CIELAB lab*	
lab*lab	0.0 0.0 0.0 (0.0)
lab*tch	0.0 0.0 0.0 (0.0)
lab*nch	0.0 0.0 0.0 (0.0)
lab*trj	0.0 0.0 0.0 (0.0)
lab*trc	0.0 0.0 0.0 (0.0)
lab*ncc	0.0 0.0 0.0 (0.0)

relative Inform. Technology (IT)	
olvi3*	0.0 0.0 0.0 (1.0)
cmyn3*	0.0 0.0 0.0 (0.0)
olvi4*	0.0 0.0 0.0 (1.0)
cmyn4*	0.0 0.0 0.0 (0.0)
standard and adapted CIELAB	
LAB*LAB	0.01 0.01 0.01
LAB*LABa	0.01 0.01 0.01
LAB*LABb	0.01 0.01 0.01
relative CIELAB lab*	
lab*lab	0.0 0.0 0.0 (0.0)
lab*tch	0.0 0.0 0.0 (0.0)
lab*nch	0.0 0.0 0.0 (0.0)
lab*trj	0.0 0.0 0.0 (0.0)
lab*trc	0.0 0.0 0.0 (0.0)
lab*ncc	0.0 0.0 0.0 (0.0)

relative Inform. Technology (IT)	
olvi3*	0.0 0.0 0.0 (1.0)
cmyn3*	0.0 0.0 0.0 (0.0)
olvi4*	0.0 0.0 0.0 (1.0)
cmyn4*	0.0 0.0 0.0 (0.0)
standard and adapted CIELAB	
LAB*LAB	0.01 0.01 0.01
LAB*LABa	0.01 0.01 0.01
LAB*LABb	0.01 0.01 0.01
relative CIELAB lab*	
lab*lab	0.0 0.0 0.0 (0.0)
lab*tch	0.0 0.0 0.0 (0.0)
lab*nch	0.0 0.0 0.0 (0.0)
lab*trj	0.0 0.0 0.0 (0.0)
lab*trc	0.0 0.0 0.0 (0.0)
lab*ncc	0.0 0.0 0.0 (0.0)

relative Inform. Technology (IT)	
olvi3*	0.0 0.0 0.0 (1.0)
cmyn3*	0.0 0.0 0.0 (0.0)
olvi4*	0.0 0.0 0.0 (1.0)
cmyn4*	0.0 0.0 0.0 (0.0)
standard and adapted CIELAB	
LAB*LAB	0.01 0.01 0.01
LAB*LABa	0.01 0.01 0.01
LAB*LABb	0.01 0.01 0.01
relative CIELAB lab*	
lab*lab	0.0 0.0 0.0 (0.0)
lab*tch	0.0 0.0 0.0 (0.0)
lab*nch	0.0 0.0 0.0 (0.0)
lab*trj	0.0 0.0 0.0 (0.0)
lab*trc	0.0 0.0 0.0 (0.0)
lab*ncc	0.0 0.0 0.0 (0.0)

relative Inform. Technology (IT)	
olvi3*	0.0 0.0 0.0 (1.0)
cmyn3*	0.0 0.0 0.0 (0.0)
olvi4*	0.0 0.0 0.0 (1.0)
cmyn4*	0.0 0.0 0.0 (0.0)
standard and adapted CIELAB	
LAB*LAB	0.01 0.01 0.01
LAB*LABa	0.01 0.01 0.01
LAB*LABb	0.01 0.01 0.01
relative CIELAB lab*	
lab*lab	0.0 0.0 0.0 (0.0)
lab*tch	0.0 0.0 0.0 (0.0)
lab*nch	0.0 0.0 0.0 (0.0)
lab*trj	0.0 0.0 0.0 (0.0)
lab*trc	0.0 0.0 0.0 (0.0)
lab*ncc	0.0 0.0 0.0 (0.0)

relative Inform. Technology (IT)	
olvi3*	0.0 0.0 0.0 (1.0)
cmyn3*	0.0 0.0 0.0 (0.0)
olvi4*	0.0 0.0 0.0 (1.0)
cmyn4*	0.0 0.0 0.0 (0.0)
standard and adapted CIELAB	
LAB*LAB	0.01 0.01 0.01
LAB*LABa	0.01 0.01 0.01
LAB*LABb	0.01 0.01 0.01
relative CIELAB lab*	
lab*lab	0.0 0.0 0.0 (0.0)
lab*tch	0.0 0.0 0.0 (0.0)
lab*nch	0.0 0.0 0.0 (0.0)
lab*trj	0.0 0.0 0.0 (0.0)
lab*trc	0.0 0.0 0.0 (0.0)
lab*ncc	0.0 0.0 0.0 (0.0)

relative Inform. Technology (IT)	
olvi3*	0.0 0.0 0.0 (1.0)
cmyn3*	0.0 0.0 0.0 (0.0)
olvi4*	0.0 0.0 0.0 (1.0)
cmyn4*	0.0 0.0 0.0 (0.0)
standard and adapted CIELAB	
LAB*LAB	0.01 0.01 0.01
LAB*LABa	0.01 0.01 0.01
LAB*LABb	0.01 0.01 0.01
relative CIELAB lab*	
lab*lab	0.0 0.0 0.0 (0.0)
lab*tch	0.0 0.0 0.0 (0.0)
lab*nch	0.0 0.0 0.0 (0.0)
lab*trj	0.0 0.0 0.0 (0.0)
lab*trc	0.0 0.0 0.0 (0.0)
lab*ncc	0.0 0.0 0.0 (0.0)

relative Inform. Technology (IT)	
olvi3*	0.0 0.0 0.0 (1.0)
cmyn3*	0.0 0.0 0.0 (0.0)
olvi4*	0.0 0.0 0.0 (1.0)
cmyn4*	0.0 0.0 0.0 (0.0)
standard and adapted CIELAB	
LAB*LAB	0.01 0.01 0.01
LAB*LABa	0.01 0.01 0.01
LAB*LABb	0.01 0.01 0.01
relative CIELAB lab*	
lab*lab	0.0 0.0 0.0 (0.0)
lab*tch	0.0 0.0 0.0 (0.0)
lab*nch	0.0 0.0 0.0 (0.0)
lab*trj	0.0 0.0 0.0 (0.0)
lab*trc	0.0 0.0 0.0 (0.0)
lab*ncc	0.0 0.0 0.0 (0.0)

relative Inform. Technology (IT)	
olvi3*	0.0 0.0 0.0 (1.0)
cmyn3*	0.0 0.0 0.0 (0.0)
olvi4*	0.0 0.0 0.0 (1.0)
cmyn4*	0.0 0.0 0.0 (0.0)
standard and adapted CIELAB	
LAB*LAB	0.01 0.01 0.01
LAB*LABa	0.01 0.01 0.01
LAB*LABb	0.01 0.01 0.01
relative CIELAB lab*	
lab*lab	0.0 0.0 0.0 (0.0)
lab*tch	0.0 0.0 0.0 (0.0)
lab*nch	0.0 0.0 0.0 (0.0)
lab*trj	0.0 0.0 0.0 (0.0)
lab*trc	0.0 0.0 0.0 (0.0)
lab*ncc	0.0 0.0 0.0 (0.0)

KS18 & URS18	
ir 10 Bunttöne	
	O

Eingabe: Farbmétrisches Fernseh-Licht-System TLS00

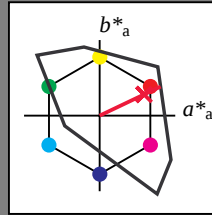
für Buntton $h^* = lab^*h = 25/360 = 0.071$ lab^*tch und lab^*nch

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: Farbmétrisches Offset-Reflektiv-System ORS18

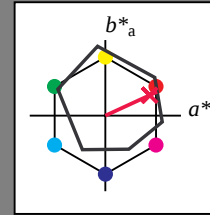
für Buntton $h^* = lab^*h = 25/360 = 0.069$ lab^*tch und lab^*nch

D65: Buntton R

LCH*Ma: 48 75 25

olv*Ma: 1.0 0.0 0.32

Dreiecks-Helligkeit



%Umfang

 $u^*_{rel} = 93$

1,00

0,75

 $n^* = 0,00$

0,25

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

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	0.661	1.0	
cmyn3*	0.0	0.5	0.339	0.0	
olvi4*	1.0	0.5	0.661	1.0	
cmyn4*	0.0	0.5	0.339	0.0	
standard and adapted CIELAB					
LAB*LAB	71.7	33.75	18.92		
LAB*Lab	71.7	34.28	15.76		
LAB*TCha	75.0	37.73	24.7		

relative Inform. Technology (IT)					
olvi3*	0.75	0.5	0.661	0.75	
cmyn3*	0.25	0.5	0.339	0.25	
olvi4*	1.0	0.5	0.661	0.75	
cmyn4*	0.0	0.5	0.339	0.25	
standard and adapted CIELAB					
LAB*LAB	52.36	34.29	15.77		
LAB*Lab	52.36	34.29	15.77		
LAB*TCha	50.0	37.74	24.7		

relative Inform. Technology (IT)					
olvi3*	0.5	0.5	0.661	0.5	
cmyn3*	0.5	0.5	0.339	0.5	
olvi4*	1.0	0.5	0.661	0.5	
cmyn4*	0.0	0.5	0.339	0.5	
standard and adapted CIELAB					
LAB*LAB	40.51	31.49	24.71		
LAB*Lab	40.51	31.49	24.71		
LAB*TCha	37.51	37.51	24.7		

relative Inform. Technology (IT)					
olvi3*	0.25	0.5	0.661	0.25	
cmyn3*	0.75	0.5	0.339	0.25	
olvi4*	1.0	0.5	0.661	0.25	
cmyn4*	0.0	0.5	0.339	0.25	
standard and adapted CIELAB					
LAB*LAB	25.51	25.51	24.71		
LAB*Lab	25.51	25.51	24.71		
LAB*TCha	25.51	25.51	24.71		

relative Inform. Technology (IT)					
olvi3*	0.0	0.5	0.661	0.0	
cmyn3*	1.0	0.5	0.339	0.0	
olvi4*	1.0	0.5	0.661	0.0	
cmyn4*	0.0	0.5	0.339	0.0	
standard and adapted CIELAB					
LAB*LAB	18.02	18.02	24.71		
LAB*Lab	18.02	18.02	24.71		
LAB*TCha	18.02	18.02	24.71		

relative Inform. Technology (IT)					
olvi3*	1.0	0.25	0.492	1.0	
cmyn3*	0.0	0.25	0.508	0.0	
olvi4*	1.0	0.25	0.492	1.0	
cmyn4*	0.0	0.25	0.508	0.0	
standard and adapted CIELAB					
LAB*LAB	59.85	51.12	26.01		
LAB*Lab	59.85	51.12	26.01		
LAB*TCha	62.5	56.6	24.7		

relative Inform. Technology (IT)					
olvi3*	0.75	0.25	0.492	0.75	
cmyn3*	0.25	0.25	0.508	0.25	
olvi4*	1.0	0.25	0.492	0.75	
cmyn4*	0.0	0.25	0.508	0.25	
standard and adapted CIELAB					
LAB*LAB	48.0	68.48	33.09		
LAB*Lab	48.0	68.48	33.09		
LAB*TCha	50.0	75.47	24.7		

relative Inform. Technology (IT)					
olvi3*	0.5	0.25	0.492	0.5	
cmyn3*	0.5	0.25	0.508	0.5	
olvi4*	1.0	0.25	0.492	0.5	
cmyn4*	0.0	0.25	0.508	0.5	
standard and adapted CIELAB					
LAB*LAB	40.51	31.49	24.71		
LAB*Lab	40.51	31.49	24.71		
LAB*TCha	37.51	37.51	24.7		

relative Inform. Technology (IT)					
olvi3*	0.25	0.25	0.492	0.25	
cmyn3*	0.75	0.25	0.508	0.25	
olvi4*	1.0	0.25	0.492	0.25	
cmyn4*	0.0	0.25	0.508	0.25	
standard and adapted CIELAB					
LAB*LAB	25.51	25.51	24.71		
LAB*Lab	25.51	25.51	24.71		
LAB*TCha	25.51	25.51	24.71		

relative Inform. Technology (IT)					
olvi3*	0.0	0.25	0.492	0.0	
cmyn3*	1.0	0.25	0.508	0.0	
olvi4*	1.0	0.25	0.492	0.0	
cmyn4*	0.0	0.25	0.508	0.0	
standard and adapted CIELAB					
LAB*LAB	18.02	18.02	24.71		
LAB*Lab	18.02	18.02	24.71		
LAB*TCha	18.02	18.02	24.71		

 $n^* = 0,00$ $n^* = 0,25$ $n^* = 0,50$ 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; Farbmétrik-Systeme ORS18 & ORS18input: $cmY0^* setcmykcolor$ D65: 5stufige Farbreihen und Koordinatendaten für 10 Bunttöne output: *Startup (S) data dependend*

Eingabe: Farbmatisches Fernseh-Licht-System TLS00

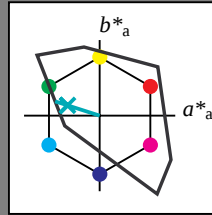
für Buntton $h^* = lab^*h = 162/360 = 0.451$ lab^*tch und lab^*nch

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

Schwarzheit n^* relative Buntheit c^*

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 dependend*

Ausgabe: Farbmatisches Offset-Reflektiv-System ORS18

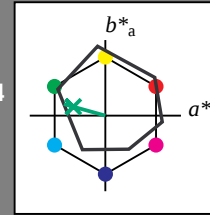
für Buntton $h^* = lab^*h = 164/360 = 0.457$ lab^*tch und lab^*nch

D65: Buntton G

LCH*Ma: 53 57 164

olv*Ma: 0.0 1.0 0.25

Dreiecks-Helligkeit



%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

Schwarzheit n^* relative Buntheit c^*

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

Eingabe: Farbmatisches Fernseh-Licht-System TLS00

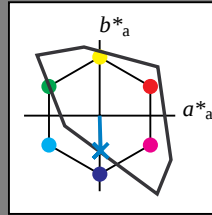
für Buntton $h^* = lab^*h = 272/360 = 0.755$ lab^*tch und lab^*nch

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

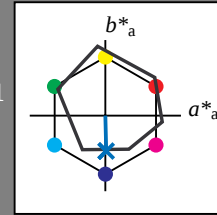
für Buntton $h^* = lab^*h = 271/360 = 0.754$ lab^*tch und lab^*nch

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

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

1,00

0,75

 $n^* = 0,00$

0,25

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

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