

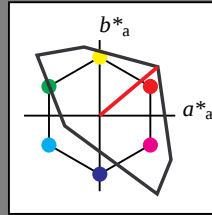
Eingabe: Farbmatisches Fernseh-Licht-System TLS00

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

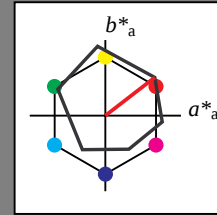
Ausgabe: Farbmatisches Offset-Reflektiv-System ORS18

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

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

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

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*LAB	95.41	0.0	0.0		
LAB*TCh	99.99	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*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*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	0.0	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*tce	0.75	0.0	0.0		
lab*nce	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*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	0.0	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*tce	0.5	0.0	0.0		
lab*nce	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*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	0.0	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*tce	0.25	0.0	0.0		
lab*nce	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*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	0.0	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		

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

OG450-7, 5 stufige Reihen für konstanten CIELAB Buntton 40/360 = 0.111 (links)

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

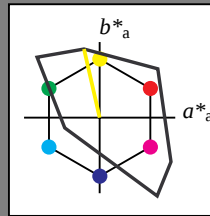
D65: 5stufige Farbreihen und Koordinatendaten für 10 Bunttöne output: *no change compared to input*

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

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

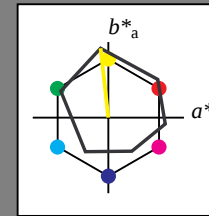
$g^*_{C,rel} = 37$

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

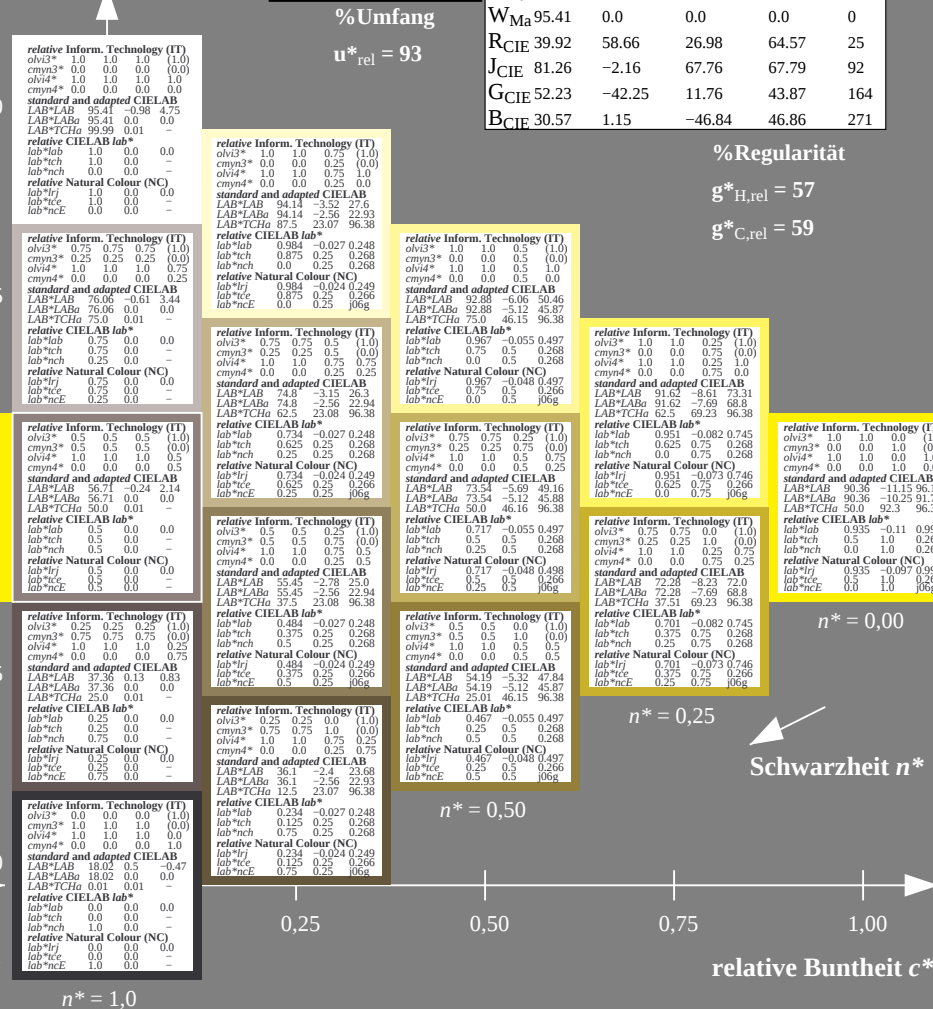
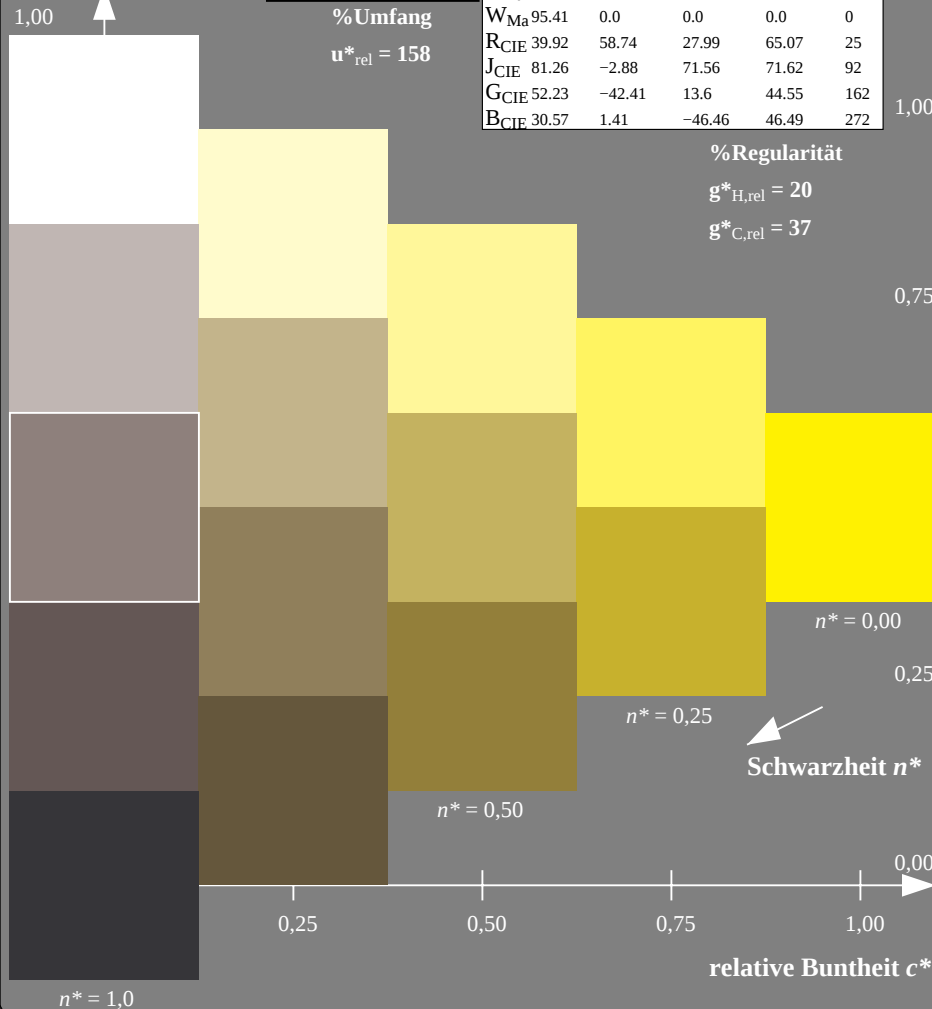


ORS18; adaptierte CIELAB-Daten					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	65.39	50.52	82.63	38
Y _{Ma}	90.37	-10.26	91.75	92.32	96
L _{Ma}	50.9	-62.83	34.96	71.91	151
C _{Ma}	58.62	-30.34	-45.01	54.3	236
V _{Ma}	25.72	31.1	-44.4	54.22	305
M _{Ma}	48.13	75.28	-8.36	75.74	354
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

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

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



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

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

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

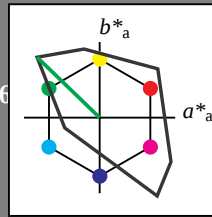
D65: 5stufige Farbreihen und Koordinatendaten für 10 Bunttöne output: *no change compared to input*

Eingabe: Farbmimetrisches 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

$n^* = 0,25$

$n^* = 0,50$

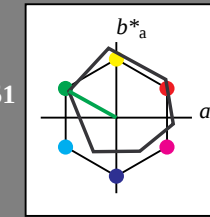
relative Buntheit c^*

Ausgabe: Farbmimetrisches 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

$u^*_{rel} = 93$

1,00

0,75

$n^* = 0,00$

0,25

$n^* = 0,25$

$n^* = 0,50$

relative Buntheit c^*

$n^* = 1,0$

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^*

$n^* = 1,0$

$n^* = 0,50$

$n^* = 0,25$

Schwarzheit n^*

relative Buntheit c^*

OG45-7, 5 stufige Reihen für konstanten CIELAB Buntton 136/360 = 0.378 (links)

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

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

D65: 5stufige Farbreihen und Koordinatendaten für 10 Bunttöne output: *no change compared to input*

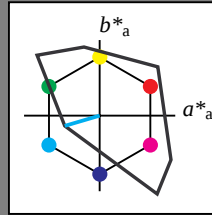
Eingabe: Farbmatisches Fernseh-Licht-System TLS00

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

0,25

0,00

0,25

0,50

0,75

1,00

relative Buntheit c^*

$n^* = 0,00$

$n^* = 0,25$

$n^* = 0,50$

$n^* = 1,00$

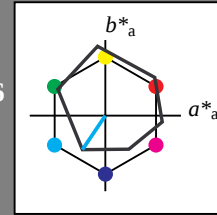
Ausgabe: Farbmatisches Offset-Reflektiv-System ORS18

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



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

0,25

0,00

relative Buntheit c^*

$n^* = 0,00$

$n^* = 0,25$

$n^* = 0,50$

$n^* = 1,00$

OG45-7, 5 stufige Reihen für konstanten CIELAB Buntton 196/360 = 0.545 (links)

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

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

D65: 5stufige Farbreihen und Koordinatendaten für 10 Bunttöne output: *no change compared to input*

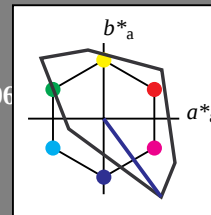
Eingabe: Farbmatisches Fernseh-Licht-System TLS00

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



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	1.0
cmyn3*	0.0	0.0	0.0	0.0	0.0
olvi4*	1.0	1.0	1.0	1.0	1.0
cmyn4*	0.0	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		
LAB*LABc	95.41	0.0	0.0		
LAB*LABd	95.41	0.0	0.0		
LAB*LABe	95.41	0.0	0.0		
LAB*LABf	95.41	0.0	0.0		
LAB*LABg	95.41	0.0	0.0		
LAB*LABh	95.41	0.0	0.0		
LAB*LABi	95.41	0.0	0.0		
LAB*LABj	95.41	0.0	0.0		
LAB*LABk	95.41	0.0	0.0		
LAB*LABl	95.41	0.0	0.0		
LAB*LABm	95.41	0.0	0.0		
LAB*LABn	95.41	0.0	0.0		
LAB*LABo	95.41	0.0	0.0		
LAB*LABp	95.41	0.0	0.0		
LAB*LABq	95.41	0.0	0.0		
LAB*LABr	95.41	0.0	0.0		
LAB*LABs	95.41	0.0	0.0		
LAB*LABt	95.41	0.0	0.0		
LAB*LABu	95.41	0.0	0.0		
LAB*LABv	95.41	0.0	0.0		
LAB*LABw	95.41	0.0	0.0		
LAB*LABx	95.41	0.0	0.0		
LAB*LABy	95.41	0.0	0.0		
LAB*LABz	95.41	0.0	0.0		

relative Inform. Technology (IT)					
olvi3*	0.75	0.75	0.75	0.75	0.75
cmyn3*	0.25	0.25	0.25	0.25	0.25
olvi4*	0.75	0.75	0.75	0.75	0.75
cmyn4*	0.25	0.25	0.25	0.25	0.25
standard and adapted CIELAB					
LAB*LAB	77.99	7.12	-7.51		
LAB*LABa	77.99	7.12	-7.51		
LAB*LABb	77.99	7.12	-7.51		
LAB*LABc	77.99	7.12	-7.51		
LAB*LABd	77.99	7.12	-7.51		
LAB*LABe	77.99	7.12	-7.51		
LAB*LABf	77.99	7.12	-7.51		
LAB*LABg	77.99	7.12	-7.51		
LAB*LABh	77.99	7.12	-7.51		
LAB*LABi	77.99	7.12	-7.51		
LAB*LABj	77.99	7.12	-7.51		
LAB*LABk	77.99	7.12	-7.51		
LAB*LABl	77.99	7.12	-7.51		
LAB*LABm	77.99	7.12	-7.51		
LAB*LABn	77.99	7.12	-7.51		
LAB*LABo	77.99	7.12	-7.51		
LAB*LABp	77.99	7.12	-7.51		
LAB*LABq	77.99	7.12	-7.51		
LAB*LABr	77.99	7.12	-7.51		
LAB*LABs	77.99	7.12	-7.51		
LAB*LABt	77.99	7.12	-7.51		
LAB*LABu	77.99	7.12	-7.51		
LAB*LABv	77.99	7.12	-7.51		
LAB*LABw	77.99	7.12	-7.51		
LAB*LABx	77.99	7.12	-7.51		
LAB*LABy	77.99	7.12	-7.51		
LAB*LABz	77.99	7.12	-7.51		

relative Inform. Technology (IT)					
olvi3*	0.5	0.5	0.5	0.5	0.5
cmyn3*	0.5	0.5	0.5	0.5	0.5
olvi4*	0.5	0.5	0.5	0.5	0.5
cmyn4*	0.5	0.5	0.5	0.5	0.5
standard and adapted CIELAB					
LAB*LAB	60.56	15.23	-19.79		
LAB*LABa	60.56	15.23	-19.79		
LAB*LABb	60.56	15.23	-19.79		
LAB*LABc	60.56	15.23	-19.79		
LAB*LABd	60.56	15.23	-19.79		
LAB*LABe	60.56	15.23	-19.79		
LAB*LABf	60.56	15.23	-19.79		
LAB*LABg	60.56	15.23	-19.79		
LAB*LABh	60.56	15.23	-19.79		
LAB*LABi	60.56	15.23	-19.79		
LAB*LABj	60.56	15.23	-19.79		
LAB*LABk	60.56	15.23	-19.79		
LAB*LABl	60.56	15.23	-19.79		
LAB*LABm	60.56	15.23	-19.79		
LAB*LABn	60.56	15.23	-19.79		
LAB*LABo	60.56	15.23	-19.79		
LAB*LABp	60.56	15.23	-19.79		
LAB*LABq	60.56	15.23	-19.79		
LAB*LABr	60.56	15.23	-19.79		
LAB*LABs	60.56	15.23	-19.79		
LAB*LABt	60.56	15.23	-19.79		
LAB*LABu	60.56	15.23	-19.79		
LAB*LABv	60.56	15.23	-19.79		
LAB*LABw	60.56	15.23	-19.79		
LAB*LABx	60.56	15.23	-19.79		
LAB*LABy	60.56	15.23	-19.79		
LAB*LABz	60.56	15.23	-19.79		

relative Inform. Technology (IT)					
olvi3*	0.25	0.25	0.25	0.25	0.25
cmyn3*	0.25	0.25	0.25	0.25	0.25
olvi4*	0.25	0.25	0.25	0.25	0.25
cmyn4*	0.25	0.25	0.25	0.25	0.25
standard and adapted CIELAB					
LAB*LAB	41.22	15.55	-22.19		
LAB*LABa	41.22	15.55	-22.19		
LAB*LABb	41.22	15.55	-22.19		
LAB*LABc	41.22	15.55	-22.19		
LAB*LABd	41.22	15.55	-22.19		
LAB*LABe	41.22	15.55	-22.19		
LAB*LABf	41.22	15.55	-22.19		
LAB*LABg	41.22	15.55	-22.19		
LAB*LABh	41.22	15.55	-22.19		
LAB*LABi	41.22	15.55	-22.19		
LAB*LABj	41.22	15.55	-22.19		
LAB*LABk	41.22	15.55	-22.19		
LAB*LABl	41.22	15.55	-22.19		
LAB*LABm	41.22	15.55	-22.19		
LAB*LABn	41.22	15.55	-22.19		
LAB*LABo	41.22	15.55	-22.19		
LAB*LABp	41.22	15.55	-22.19		
LAB*LABq	41.22	15.55	-22.19		
LAB*LABr	41.22	15.55	-22.19		
LAB*LABs	41.22	15.55	-22.19		
LAB*LABt	41.22	15.55	-22.19		
LAB*LABu	41.22	15.55	-22.19		
LAB*LABv	41.22	15.55	-22.19		
LAB*LABw	41.22	15.55	-22.19		
LAB*LABx	41.22	15.55	-22.19		
LAB*LABy	41.22	15.55	-22.19		
LAB*LABz	41.22	15.55	-22.19		

relative Inform. Technology (IT)					
olvi3*	0.125	0.125	0.125	0.125	0.125
cmyn3*	0.125	0.125	0.125	0.125	0.125
olvi4*	0.125	0.125	0.125	0.125	0.125
cmyn4*	0.125	0.125	0.125	0.125	0.125
standard and adapted CIELAB					
LAB*LAB	25.61	7.77	-11.09		
LAB*LABa	25.61	7.77	-11.09		
LAB*LABb	25.61	7.77	-11.09		
LAB*LABc	25.61	7.77	-11.09		
LAB*LABd	25.61	7.77	-11.09		
LAB*LABe	25.61	7.77	-11.09		
LAB*LABf	25.61	7.77	-11.09		
LAB*LABg	25.61	7.77	-11.09		
LAB*LABh	25.61	7.77	-11.09		
LAB*LABi	25.61	7.77	-11.09		
LAB*LABj	25.61	7.77	-11.09		
LAB*LABk	25.61	7.77	-11.09		
LAB*LABl	25.61	7.77	-11.09		
LAB*LABm	25.61	7.77	-11.09		
LAB*LABn	25.61	7.77	-11.09		
LAB*LABo	25.61	7.77	-11.09		
LAB*LABp	25.61	7.77	-11.09		
LAB*LABq	25.61	7.77	-11.09		
LAB*LABr	25.61	7.77	-11.09		
LAB*LABs	25.61	7.77	-11.09		
LAB*LABt	25.61	7.77	-11.09		
LAB*LABu	25.61	7.77	-11.09		
LAB*LABv	25.61	7.77	-11.09		
LAB*LABw	25.61	7.77	-11.09		
LAB*LABx	25.61	7.77	-11.09		
LAB*LABy	25.61	7.77	-11.09		
LAB*LABz	25.61	7.77	-11.09		

relative Inform. Technology (IT)					
olvi3*	0.0625	0.0625	0.0625	0.0625	0.0625
cmyn3*	0.0625	0.0625	0.0625	0.0625	0.0625
olvi4*	0.0625	0.0625	0.0625	0.0625	0.0625
cmyn4*	0.0625	0.0625	0.0625	0.0625	0.0625
standard and adapted CIELAB					
LAB*LAB	12.805	3.8875	-5.545		
LAB*LABa	12.805	3.8875	-5.545		
LAB*LABb	12.805	3.8875	-5.545		
LAB*LABc	12.805	3.8875	-5.545		
LAB*LABd	12.805	3.8875	-5.545		
LAB*LABe	12.805	3.8875	-5.545		
LAB*LABf	12.805	3.8875	-5.545		
LAB*LABg	12.805	3.8875	-5.545		
LAB*LABh	12.805	3.8875	-5.545		
LAB*LABi	12.805	3.8875	-5.545		
LAB*LABj	12.805	3.8875	-5.545		
LAB*LABk	12.805	3.8875	-5.545		
LAB*LABl	12.805	3.8875	-5.545		
LAB*LABm	12.805	3.8875	-5.545		
LAB*LABn	12.805	3.8875	-5.545		
LAB*LABo	12.805	3.8875	-5.545		
LAB*LABp	12.805	3.8875	-5.545		
LAB*LABq	12.805	3.8875	-5.545		
LAB*LABr	12.805	3.8875	-5.545		
LAB*LABs	12.805	3.8875	-5.545		
LAB*LABt	12.805	3.8875	-5.545		
LAB*LABu	12.805	3.8875	-5.545		
LAB*LABv	12.805	3.8875	-5.545		
LAB*LABw	12.805	3.8875	-5.545		
LAB*LABx	12.805	3.8875	-5.545		
LAB*LABy	12.805	3.8875	-5.545		
LAB*LABz	12.805	3.8875	-5.545		

relative Inform. Technology (IT)					
olvi3*	0.25	0.25	0.25	1.0	0.25
cmyn3*	0.75	0.75	0.75	0.0	0.0
olvi4*	1.0	1.0	1.0	0.25	0.25
cmyn4*	0.0	0.0	0.0	0.75	0.75
standard and adapted CIELAB					
LAB*LAB	37.36	0.13	0.83		
LAB*LAB ₀	37.36	0.0	0.0		

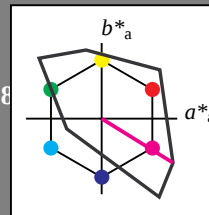
Eingabe: Farbmatisches Fernseh-Licht-System TLS00

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



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		
LAB*LABc	95.41	0.0	0.0		
LAB*LABd	95.41	0.0	0.0		
LAB*LABe	95.41	0.0	0.0		
LAB*LABf	95.41	0.0	0.0		
LAB*LABg	95.41	0.0	0.0		
LAB*LABh	95.41	0.0	0.0		
LAB*LABi	95.41	0.0	0.0		
LAB*LABj	95.41	0.0	0.0		
LAB*LABk	95.41	0.0	0.0		
LAB*LABl	95.41	0.0	0.0		
LAB*LABm	95.41	0.0	0.0		
LAB*LABn	95.41	0.0	0.0		
LAB*LABo	95.41	0.0	0.0		
LAB*LABp	95.41	0.0	0.0		
LAB*LABq	95.41	0.0	0.0		
LAB*LABr	95.41	0.0	0.0		
LAB*LABs	95.41	0.0	0.0		
LAB*LABt	95.41	0.0	0.0		
LAB*LABu	95.41	0.0	0.0		
LAB*LABv	95.41	0.0	0.0		
LAB*LABw	95.41	0.0	0.0		
LAB*LABx	95.41	0.0	0.0		
LAB*LABy	95.41	0.0	0.0		
LAB*LABz	95.41	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		
LAB*LABc	76.06	0.0	0.0		
LAB*LABd	76.06	0.0	0.0		
LAB*LABe	76.06	0.0	0.0		
LAB*LABf	76.06	0.0	0.0		
LAB*LABg	76.06	0.0	0.0		
LAB*LABh	76.06	0.0	0.0		
LAB*LABi	76.06	0.0	0.0		
LAB*LABj	76.06	0.0	0.0		
LAB*LABk	76.06	0.0	0.0		
LAB*LABl	76.06	0.0	0.0		
LAB*LABm	76.06	0.0	0.0		
LAB*LABn	76.06	0.0	0.0		
LAB*LABo	76.06	0.0	0.0		
LAB*LABp	76.06	0.0	0.0		
LAB*LABq	76.06	0.0	0.0		
LAB*LABr	76.06	0.0	0.0		
LAB*LABs	76.06	0.0	0.0		
LAB*LABt	76.06	0.0	0.0		
LAB*LABu	76.06	0.0	0.0		
LAB*LABv	76.06	0.0	0.0		
LAB*LABw	76.06	0.0	0.0		
LAB*LABx	76.06	0.0	0.0		
LAB*LABy	76.06	0.0	0.0		
LAB*LABz	76.06	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		
LAB*LABc	56.71	0.0	0.0		
LAB*LABd	56.71	0.0	0.0		
LAB*LABe	56.71	0.0	0.0		
LAB*LABf	56.71	0.0	0.0		
LAB*LABg	56.71	0.0	0.0		
LAB*LABh	56.71	0.0	0.0		
LAB*LABi	56.71	0.0	0.0		
LAB*LABj	56.71	0.0	0.0		
LAB*LABk	56.71	0.0	0.0		
LAB*LABl	56.71	0.0	0.0		
LAB*LABm	56.71	0.0	0.0		
LAB*LABn	56.71	0.0	0.0		
LAB*LABo	56.71	0.0	0.0		
LAB*LABp	56.71	0.0	0.0		
LAB*LABq	56.71	0.0	0.0		
LAB*LABr	56.71	0.0	0.0		
LAB*LABs	56.71	0.0	0.0		
LAB*LABt	56.71	0.0	0.0		
LAB*LABu	56.71	0.0	0.0		
LAB*LABv	56.71	0.0	0.0		
LAB*LABw	56.71	0.0	0.0		
LAB*LABx	56.71	0.0	0.0		
LAB*LABy	56.71	0.0	0.0		
LAB*LABz	56.71	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		
LAB*LABc	37.36	0.0	0.0		
LAB*LABd	37.36	0.0	0.0		
LAB*LABe	37.36	0.0	0.0		
LAB*LABf	37.36	0.0	0.0		
LAB*LABg	37.36	0.0	0.0		
LAB*LABh	37.36	0.0	0.0		
LAB*LABi	37.36	0.0	0.0		
LAB*LABj	37.36	0.0	0.0		
LAB*LABk	37.36	0.0	0.0		
LAB*LABl	37.36	0.0	0.0		
LAB*LABm	37.36	0.0	0.0		
LAB*LABn	37.36	0.0	0.0		
LAB*LABo	37.36	0.0	0.0		
LAB*LABp	37.36	0.0	0.0		
LAB*LABq	37.36	0.0	0.0		
LAB*LABr	37.36	0.0	0.0		
LAB*LABs	37.36	0.0	0.0		
LAB*LABt	37.36	0.0	0.0		
LAB*LABu	37.36	0.0	0.0		
LAB*LABv	37.36	0.0	0.0		
LAB*LABw	37.36	0.0	0.0		
LAB*LABx	37.36	0.0	0.0		
LAB*LABy	37.36	0.0	0.0		
LAB*LABz	37.36	0.0	0.0		

relative Inform. Technology (IT)					
olvi3*	0.0	0.0	0.0	(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	0.47		
LAB*LABa	18.02	0.0	0.0		
LAB*LABb	18.02	0.0	0.0		
LAB*LABc	18.02	0.0	0.0		
LAB*LABd	18.02	0.0	0.0		
LAB*LABe	18.02	0.0	0.0		
LAB*LABf	18.02	0.0	0.0		
LAB*LABg	18.02	0.0	0.0		
LAB*LABh	18.02	0.0	0.0		
LAB*LABi	18.02	0.0	0.0		
LAB*LABj	18.02	0.0	0.0		
LAB*LABk	18.02	0.0	0.0		
LAB*LABl	18.02	0.0	0.0		
LAB*LABm	18.02	0.0	0.0		
LAB*LABn	18.02	0.0	0.0		
LAB*LABo	18.02	0.0	0.0		
LAB*LABp	18.02	0.0	0.0		
LAB*LABq	18.02	0.0	0.0		
LAB*LABr	18.02	0.0	0.0		
LAB*LABs	18.02	0.0	0.0		
LAB*LABt	18.02	0.0	0.0		
LAB*LABu	18.02	0.0	0.0		
LAB*LABv	18.02	0.0	0.0		
LAB*LABw	18.02	0.0	0.0		
LAB*LABx	18.02	0.0	0.0		
LAB*LABy	18.02	0.0	0.0		
LAB*LABz	18.02	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	0.01	0.01		
LAB*LABa	0.01	0.0	0.0		
LAB*LABb	0.01	0.0	0.0		
LAB*LABc	0.01	0.0	0.0		
LAB*LABd	0.01	0.0	0.0		
LAB*LABe	0.01	0.0	0.0		
LAB*LABf	0.01	0.0	0.0		
LAB*LABg	0.01	0.0	0.0		
LAB*LABh	0.01	0.0	0.0		
LAB*LABi	0.01	0.0	0.0		
LAB*LABj	0.01	0.0	0.0		
LAB*LABk	0.01	0.0	0.0		
LAB*LABl	0.01	0.0	0.0		
LAB*LABm	0.01	0.0	0.0		
LAB*LABn	0.01	0.0	0.0		
LAB*LABo	0.01	0.0	0.0		
LAB*LABp	0.01	0.0	0.0		
LAB*LABq	0.01	0.0	0.0		
LAB*LABr	0.01	0.0	0.0		
LAB*LABs	0.01	0.0	0.0		
LAB*LABt	0.01	0.0	0.0		
LAB*LABu	0.01	0.0	0.0		
LAB*LABv	0.01	0.0	0.0		
LAB*LABw	0.01	0.0	0.0		
LAB*LABx	0.01	0.0	0.0		
LAB*LABy	0.01	0.0	0.0		
LAB*LABz	0.01	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	0.0	0.0	0.0		
LAB*LABa	0.0	0.0	0.0		
LAB*LABb	0.0	0.0	0.0		
LAB*LABc	0.0	0.0	0.0		
LAB*LABd	0.0	0.0	0.0		
LAB*LABe	0.0	0.0	0.0		
LAB*LABf	0.0	0.0	0.0		
LAB*LABg	0.0	0.0	0.0		
LAB*LABh	0.0	0.0	0.0		
LAB*LABi	0.0	0.0	0.0		
LAB*LABj	0.0	0.0	0.0		
LAB*LABk	0.0	0.0	0.0		
LAB*LABl	0.0	0.0	0.0		
LAB*LABm	0.0	0.0	0.0		
LAB*LABn	0.0	0.0	0.0		
LAB*LABo	0.0	0.0	0.0		
LAB*LABp	0.0	0.0	0.0		

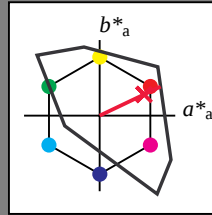
Eingabe: Farbmatisches Fernseh-Licht-System TLS00

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

$n^* = 0,25$

$n^* = 0,50$

relative Buntheit c^*

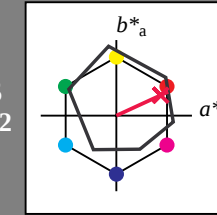
Ausgabe: Farbmatisches Offset-Reflektiv-System ORS18

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^*

OG45-7, 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 TLS00 & ORS18 input: $cmY0^* setcmykcolor$

D65: 5stufige Farbreihen und Koordinatendaten für 10 Bunttöne output: *no change compared to input*

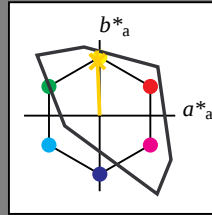
Eingabe: Farbmatisches Fernseh-Licht-System TLS00

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

$n^* = 0,25$

$n^* = 0,50$

relative Buntheit c^*

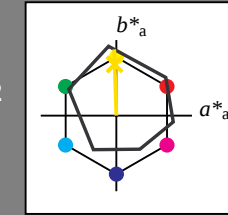
Ausgabe: Farbmatisches Offset-Reflektiv-System ORS18

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

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

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

$n^* = 0,00$

0,25

$n^* = 0,25$

$n^* = 0,50$

relative Buntheit c^*

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

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

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

D65: 5stufige Farbreihen und Koordinatendaten für 10 Bunttöne output: *no change compared to input*

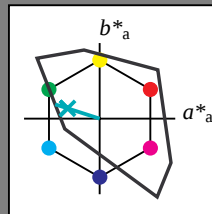
Eingabe: Farbmatisches Fernseh-Licht-System TLS00

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

0,25

0,00

0,25

0,50

0,75

1,00

0,25

0,50

0,75

1,00

relative Buntheit c^*

Schwarzheit n^*

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

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

D65: 5stufige Farbreihen und Koordinatendaten für 10 Bunttöne output: *no change compared to input*

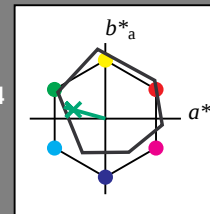
Ausgabe: Farbmatisches Offset-Reflektiv-System ORS18

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

$u^*_{rel} = 93$

relative Inform. Technology (IT)					
olvi3*	1.0	1.0	1.0	1.0	1.0
olvi4*	0.0	0.0	0.0	0.0	0.0
olvi5*	0.0	0.0	0.0	0.0	0.0
olvi6*	0.0	0.0	0.0	0.0	0.0
olvi7*	0.0	0.0	0.0	0.0	0.0
olvi8*	0.0	0.0	0.0	0.0	0.0
olvi9*	0.0	0.0	0.0	0.0	0.0
olvi10*	0.0	0.0	0.0	0.0	0.0
olvi11*	0.0	0.0	0.0	0.0	0.0
olvi12*	0.0	0.0	0.0	0.0	0.0

standard and adapted CIELAB					
LAB*Lab	95.41	-0.98	4.75	-13.69	3.81
LAB*Lab	95.41	-0.98	4.75	-13.69	3.81
LAB*Lab	95.41	-0.98	4.75	-13.69	3.81
LAB*Lab	95.41	-0.98	4.75	-13.69	3.81
LAB*Lab	95.41	-0.98	4.75	-13.69	3.81

relative CIELAB lab*					
lab*lab	1.0	0.0	0.0	0.0	0.0
lab*tch	0.0	1.0	0.0	0.0	0.0
lab*nch	0.0	0.0	1.0	0.0	0.0
lab*tch	0.0	1.0	0.0	0.0	0.0
lab*nch	0.0	0.0	1.0	0.0	0.0

relative Natural Colour (NC)					
lab*trj	0.0	0.0	0.0	0.0	0.0
lab*trj	0.0	0.0	0.0	0.0	0.0
lab*trj	0.0	0.0	0.0	0.0	0.0
lab*trj	0.0	0.0	0.0	0.0	0.0
lab*trj	0.0	0.0	0.0	0.0	0.0

standard and adapted CIELAB					
LAB*Lab	95.41	-0.98	4.75	-13.69	3.81
LAB*Lab	95.41	-0.98	4.75	-13.69	3.81
LAB*Lab	95.41	-0.98	4.75	-13.69	3.81
LAB*Lab	95.41	-0.98	4.75	-13.69	3.81
LAB*Lab	95.41	-0.98	4.75	-13.69	3.81

relative CIELAB lab*					
lab*lab	1.0	0.0	0.0	0.0	0.0
lab*tch	0.0	1.0	0.0	0.0	0.0
lab*nch	0.0	0.0	1.0	0.0	0.0
lab*tch	0.0	1.0	0.0	0.0	0.0
lab*nch	0.0	0.0	1.0	0.0	0.0

relative Natural Colour (NC)					
lab*trj	0.0	0.0	0.0	0.0	0.0
lab*trj	0.0	0.0	0.0	0.0	0.0
lab*trj	0.0	0.0	0.0	0.0	0.0
lab*trj	0.0	0.0	0.0	0.0	0.0
lab*trj	0.0	0.0	0.0	0.0	0.0

standard and adapted CIELAB					
LAB*Lab	95.41	-0.98	4.75	-13.69	3.81
LAB*Lab	95.41	-0.98	4.75	-13.69	3.81
LAB*Lab	95.41	-0.98	4.75	-13.69	3.81
LAB*Lab	95.41	-0.98	4.75	-13.69	3.81
LAB*Lab	95.41	-0.98	4.75	-13.69	3.81

relative CIELAB lab*					
lab*lab	1.0	0.0	0.0	0.0	0.0
lab*tch	0.0	1.0	0.0	0.0	0.0
lab*nch	0.0	0.0	1.0	0.0	0.0
lab*tch	0.0	1.0	0.0	0.0	0.0
lab*nch	0.0	0.0	1.0	0.0	0.0

relative Natural Colour (NC)					
lab*trj	0.0	0.0	0.0	0.0	0.0
lab*trj	0.0	0.0	0.0	0.0	0.0
lab*trj	0.0	0.0	0.0	0.0	0.0
lab*trj	0.0	0.0	0.0	0.0	0.0
lab*trj	0.0	0.0	0.0	0.0	0.0

standard and adapted CIELAB					
LAB*Lab	95.41	-0.98	4.75	-13.69	3.81
LAB*Lab	95.41	-0.98	4.75	-13.69	3.81
LAB*Lab	95.41	-0.98	4.75	-13.69	3.81
LAB*Lab	95.41	-0.98	4.75	-13.69	3.81
LAB*Lab	95.41	-0.98	4.75	-13.69	3.81

relative CIELAB lab*					
lab*lab	1.0	0.0	0.0	0.0	0.0
lab*tch	0.0	1.0	0.0	0.0	0.0
lab*nch	0.0	0.0	1.0	0.0	0.0
lab*tch	0.0	1.0	0.0	0.0	0.0
lab*nch	0.0	0.0	1.0	0.0	0.0

relative Inform. Technology (IT)					
olvi3*	0.75	1.0	0.812	1.0	0.0
olvi4*	0.25	0.0	0.188	0.0	0.0
olvi5*	0.75	1.0	0.812	1.0	0.0
olvi6*	0.25	0.0	0.188	0.0	0.0
olvi7*	0.75	1.0	0.812	1.0	0.0
olvi8*	0.25	0.0	0.188	0.0	0.0
olvi9*	0.75	1.0	0.812	1.0	0.0
olvi10*	0.25	0.0	0.188	0.0	0.0
olvi11*	0.75	1.0	0.812	1.0	0.0
olvi12*	0.25	0.0	0.188	0.0	0.0

standard and adapted CIELAB					
LAB*Lab	84.75	-14.48	7.85	-13.69	3.81
LAB*Lab	84.75	-14.48	7.85	-13.69	3.81
LAB*Lab	84.75	-14.48	7.85	-13.69	3.81
LAB*Lab	84.75	-14.48	7.85	-13.69	3.81
LAB*Lab	84.75	-14.48	7.85	-13.69	3.81

relative CIELAB lab*					
lab*lab	0.862	-0.24	0.067	0.0	0.0
lab*tch	0.875	0.25	0.457	0.0	0.0
lab*nch	0.0	0.25	0.457	0.0	0.0
lab*tch	0.875	0.25	0.457	0.0	0.0
lab*nch	0.0	0.25	0.457	0.0	0.0

relative Natural Colour (NC)					
lab*trj	0.862	-0.249	0.0	0.0	0.0
lab*trj	0.875	0.25	0.0	0.0	0.0
lab*trj	0.875	0.25	0.0	0.0	0.0
lab*trj	0.875	0.25	0.0	0.0	0.0
lab*trj	0.875	0.25	0.0	0.0	0.0

standard and adapted CIELAB					
LAB*Lab	65.41	-13.7	3.81	-13.69	3.81
LAB*Lab	65.41	-13.7	3.81	-13.69	3.81
LAB*Lab	65.41	-13.7	3.81	-13.69	3.81
LAB*Lab	65.41	-13.7	3.81	-13.69	3.81
LAB*Lab	65.41	-13.7	3.81	-13.69	3.81

relative CIELAB lab*					
lab*lab	0.512	-0.24	0.067	0.0	0.0
lab*tch	0.525	0.25	0.457	0.0	0.0
lab*nch	0.0	0.25	0.457	0.0	0.0
lab*tch	0.525	0.25	0.457	0.0	0.0
lab*nch	0.0	0.25	0.457	0.0	0.0

relative Natural Colour (NC)					
lab*trj	0.512	-0.249	0.0	0.0	0.0
lab*trj	0.525	0.25	0.0	0.0	0.0
lab*trj	0.525	0.25	0.0	0.0	0.0
lab*trj	0.525	0.25	0.0	0.0	0.0
lab*trj	0.525	0.25	0.0	0.0	0.0

standard and adapted CIELAB					
LAB*Lab	35.41	-13.7	3.81	-13.69	3.81
LAB*Lab	35.41	-13.7	3.81	-13.69	3.81
LAB*Lab	35.41	-13.7	3.81	-13.69	3.81
LAB*Lab	35.41	-13.7	3.81	-13.69	3.81
LAB*Lab	35.41	-13.7	3.81	-13.69	3.81

relative CIELAB lab*					
lab*lab	0.362	-0.24	0.067	0.0	0.0
lab*tch	0.375	0.25	0.457	0.0	0.0
lab*nch	0.0	0.25	0.457	0.0	0.0
lab*tch	0.375	0.25	0.457	0.0	0.0
lab*nch	0.0	0.25	0.457	0.0	0.0

relative Natural Colour (NC)					
lab*trj	0.362	-0.249	0.0	0.0	0.0
lab*trj	0.375	0.25	0.0	0.0	0.0
lab*trj	0.375	0.25	0.0	0.0	0.0
lab*trj	0.375	0.25	0.0	0.0	0.0
lab*trj	0.375	0.25	0.0	0.0	0.0

standard and adapted CIELAB					
LAB*Lab	15.41	-13.7	3.81	-13.69	3.81
LAB*Lab	15.41	-13.7	3.81	-13.69	3.81
LAB*Lab	15.41	-13.7	3.81	-13.69	3.81
LAB*Lab	15.41	-13.7	3.81	-13.69	3.81
LAB*Lab	15.41	-13.7	3.81	-13.69	3.81

relative Inform. Technology (IT)					
olvi3*	0.5	1.0	0.623	1.0	0.0
olvi4*	0.25	0.0	0.188	0.0	0.0
olvi5*	0.5	1.0	0.623	1.0	0.0
olvi6*	0.25	0.0	0.188	0.0	0.0
olvi7*	0.5	1.0	0.623	1.0	0.0
olvi8*	0.25	0.0	0.188	0.0	0.0
olvi9*	0.5	1.0	0.623	1.0	0.0

Eingabe: Farbmatisches Fernseh-Licht-System TLS00

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

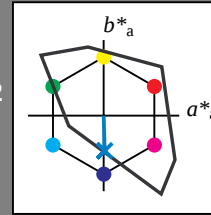
lab^*tch und lab^*nch

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 $h^* = lab^*h = 271/360 = 0.754$

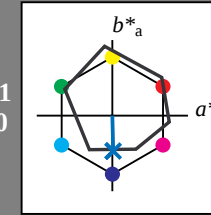
lab^*tch und lab^*nch

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 TLS00 & ORS18 input: $cmY0^* set cmykcolor$

D65: 5stufige Farbreihen und Koordinatendaten für 10 Bunttöne output: *no change compared to input*