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Eingabe: Farbmétrisches Fernseh-Licht-System TLS00

für Bunton $h^* = lab^*h = 103/360 = 0.286$

lab^{*tch} und lab^{*nch}

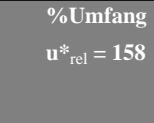
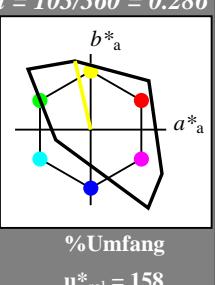
D65: Bunton Y

LCH*Ma: 93 93 103

olv*Ma: 1.0 1.0 0.0

Dreiecks-Helligkeit

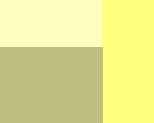
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	50.5	76.92	64.55	100.42	40
Y _{Ma}	92.66	-20.69	90.75	93.08	103
L _{Ma}	83.63	-82.75	79.9	115.04	136
C _{Ma}	86.88	-46.16	-13.55	48.12	196
V _{Ma}	30.39	76.06	-103.59	128.52	306
M _{Ma}	57.3	94.35	-58.41	110.97	328
N _{Ma}	0.01	0.0	0.0	0.0	0
W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



Y



O



L



V



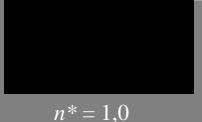
C



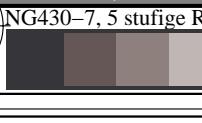
M



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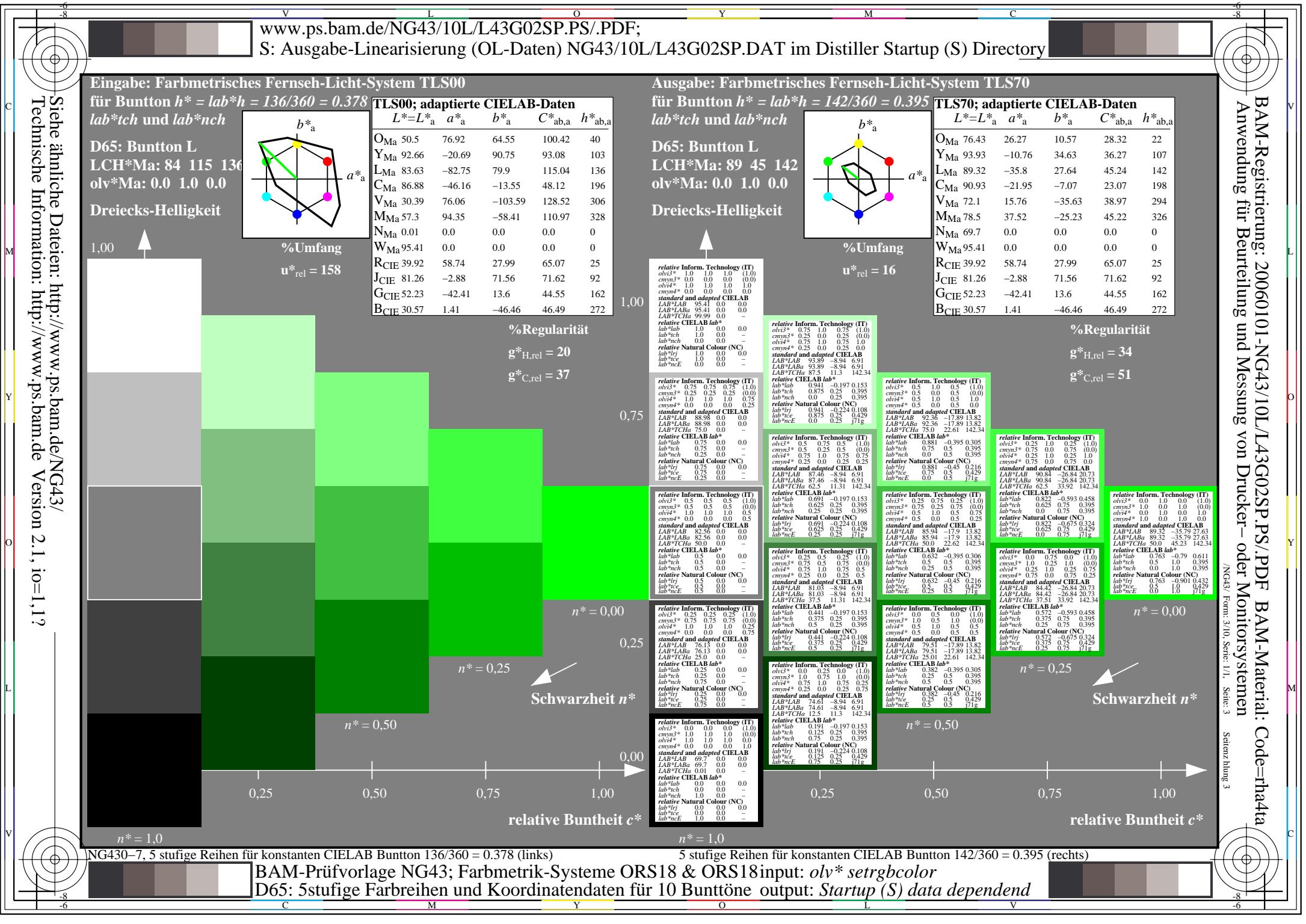
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Eingabe: Farbmétrisches Fernseh-Licht-System TLS00

für Bunton $h^* = lab^*h = 196/360 = 0.545$

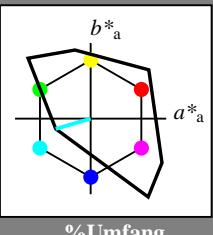
lab^*tch und lab^*nch

D65: Bunton C

LCH*Ma: 87 48 196

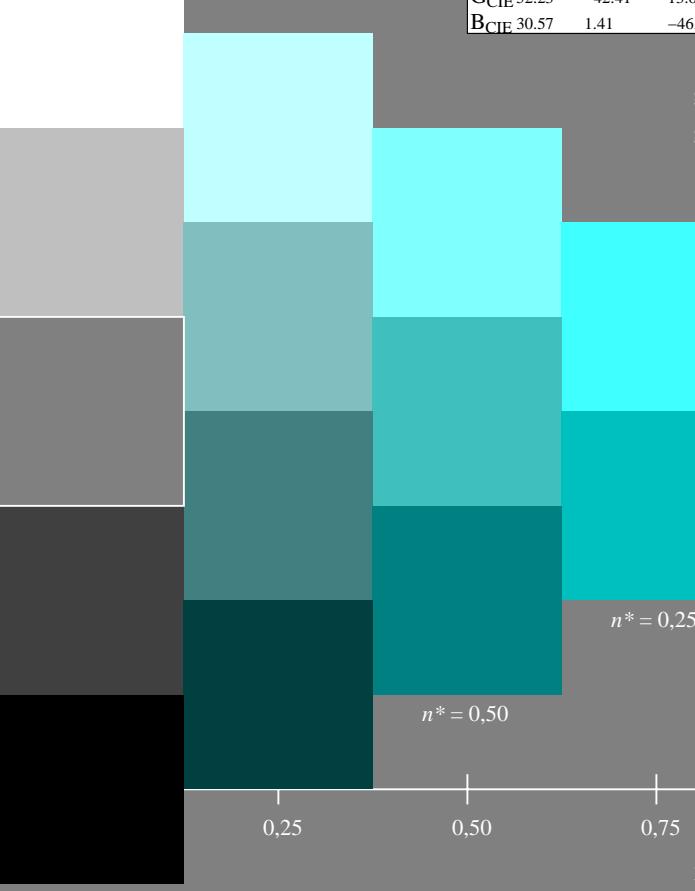
olv*Ma: 0.0 1.0 1.0

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



NG430-7,5 stufige Reihen für konstanten CIELAB Bunnton 196/360 = 0,545 (links)

Ausgabe: Farbmétrisches Fernseh-Licht-System TLS70

für Bunton $h^* = lab^*h = 198/360 = 0.55$

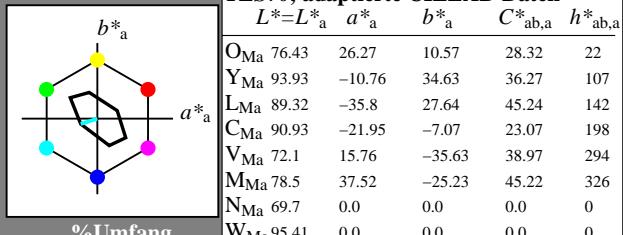
lab^*tch und lab^*nch

D65: Bunton C

LCH*Ma: 91 23 198

olv*Ma: 0.0 1.0 1.0

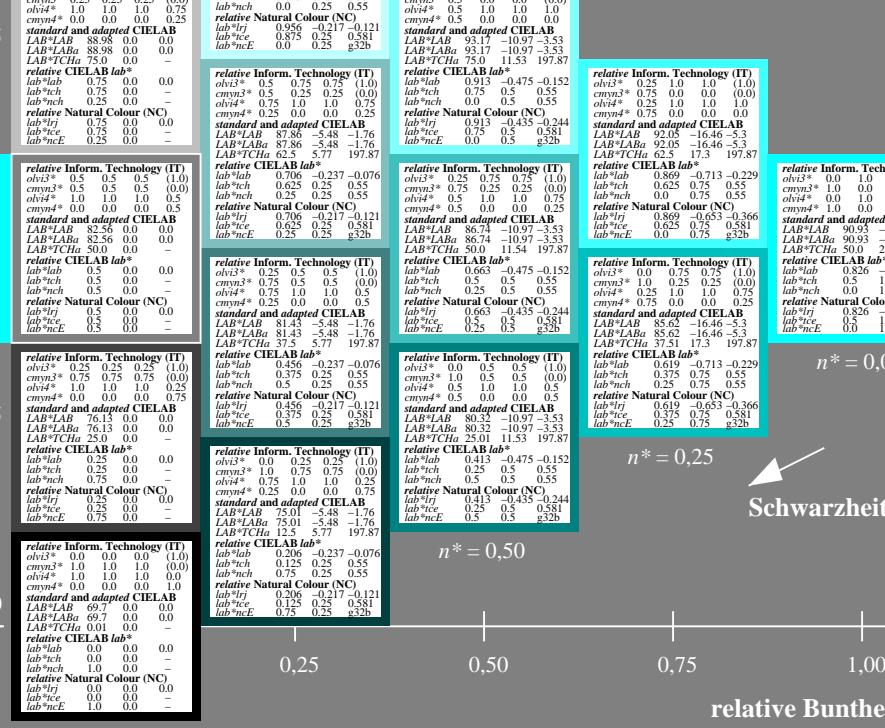
Dreiecks-Helligkeit



%Regularität

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

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



5 stufige Reihen für konstanten CIELAB Bunnton 198/360 = 0,55 (rechts)

BAM-Prüfvorlage NG43; Farbmétrik-Systeme ORS18 & ORS18 input: $olv^* setrgbcolor$

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

Eingabe: Farbmétrisches Fernseh-Licht-System TLS00

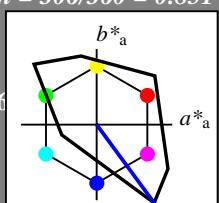
für Bunton $h^* = lab^*h = 306/360 = 0.851$
 lab^*tch und lab^*nch

D65: Bunton V

LCH*Ma: 30 129 306

olv*Ma: 0.0 0.0 1.0

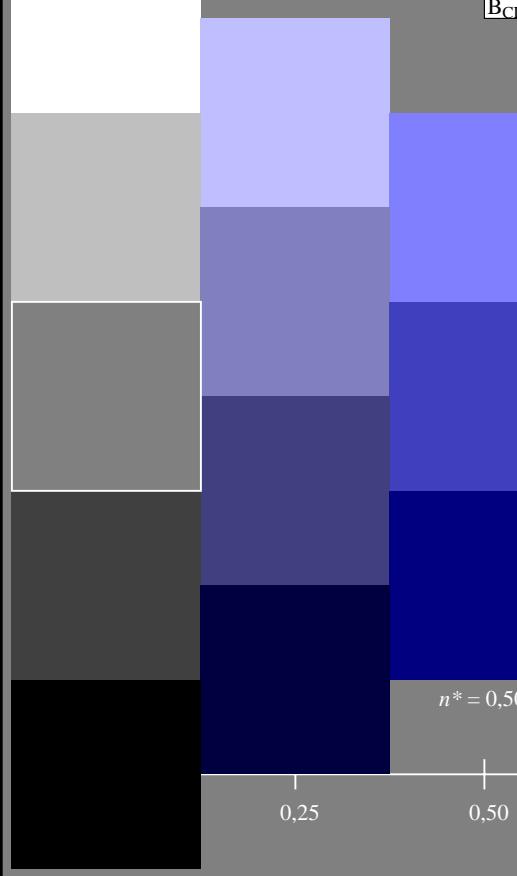
Dreiecks-Helligkeit



%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

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

$n^* = 0,00$

$n^* = 0,25$

Schwarzheit n^*

$n^* = 0,50$

$n^* = 1,00$

$n^* = 0,00$

$n^* = 0,25$

Schwarzheit n^*

$n^* = 0,50$

$n^* = 1,00$

$n^* = 0,00$

$n^* = 0,25$

Schwarzheit n^*

$n^* = 0,50$

$n^* = 1,00$

NG430-7, 5 stufige Reihen für konstanten CIELAB Bunnton 306/360 = 0.851 (links)

Ausgabe: Farbmétrisches Fernseh-Licht-System TLS70

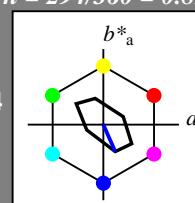
für Bunton $h^* = lab^*h = 294/360 = 0.816$
 lab^*tch und lab^*nch

D65: Bunton V

LCH*Ma: 72 39 294

olv*Ma: 0.0 0.0 1.0

Dreiecks-Helligkeit



%Umfang
 $u^*_{rel} = 16$

%Regularität

$g^*_{H,rel} = 34$
 $g^*_{C,rel} = 51$

$n^* = 0,00$

$n^* = 0,25$

Schwarzheit n^*

$n^* = 0,50$

$n^* = 1,00$

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Schwarzheit n^*

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Schwarzheit n^*

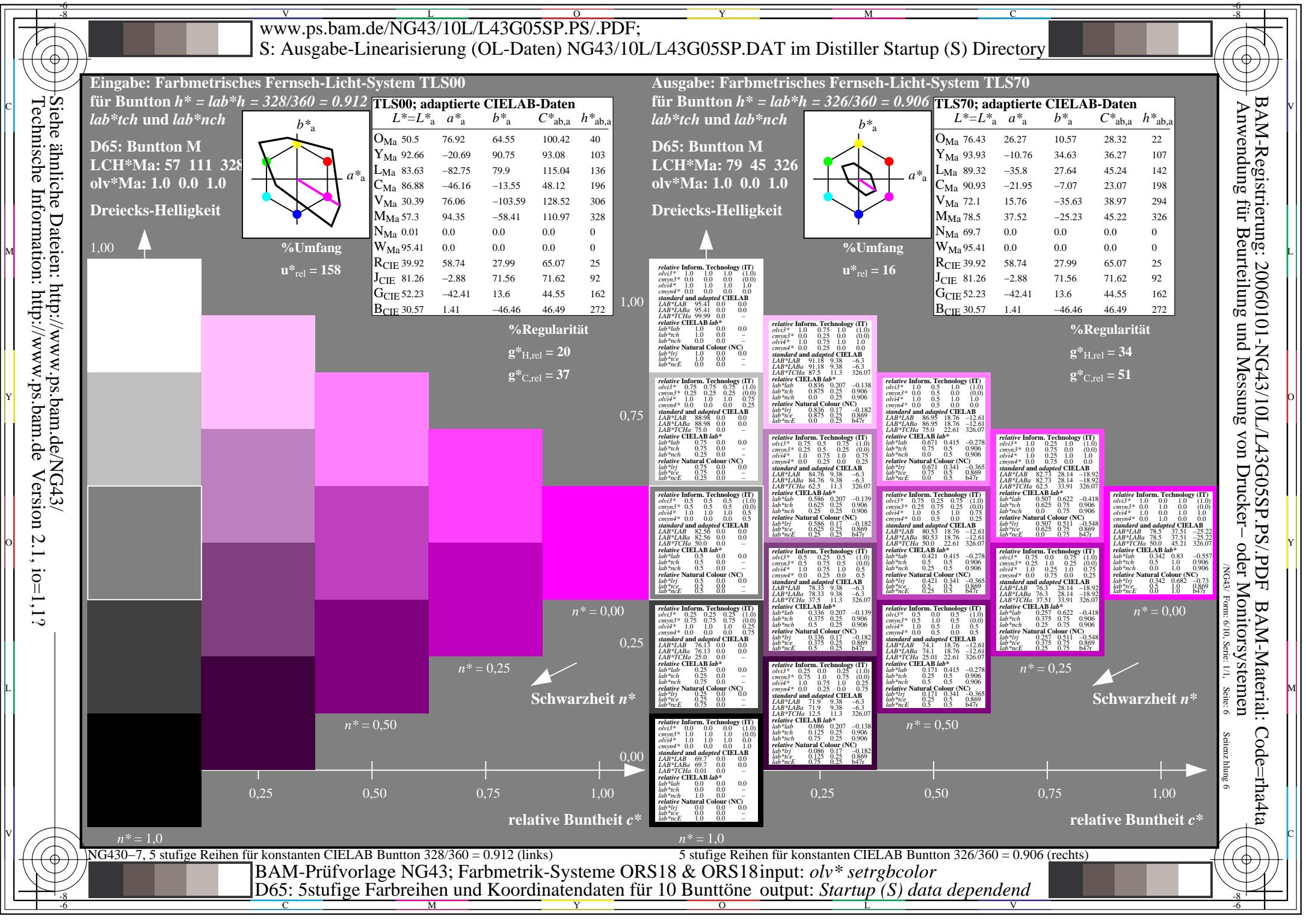
$n^* = 0,50$

$n^* = 1,00$

$n^* = 0,00$

$n^* = 0,25$

Schwarzheit n^*



$n^* = 0,00$

$n^* = 0,25$

$n^* = 0,50$

%Regularität

$g^*_{H,rel} = 34$

$g^*_{C,rel} = 51$

$n^* = 0,00$

$n^* = 0,25$

$n^* = 0,50$

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$n^* = 0,00$

$n^* = 0,00$

$n^* = 0,25$

$n^* = 0,00$

relative CIELAB lab*					
olv3*	0.5	0.5	0.5	(1,0)	
cmyn3*	0.5	0.5	0.5	(0,0)	
olv4*	1.0	1.0	1.0	0.25	
cmyn4*	0.0	0.0	0.0	0.5	
standard and adapted CIELAB					
LAB* ^L AB	69.0	0.0	0.0		
LAB* ^T Ch	69.0	0.0	0.0		
LAB* ^T ChA	69.0	0.0	0.0		
relative CIELAB lab*					
lab* ^L ab	0.0	0.0	0.0		
lab* ^T ch	1.0	0.0	0.0		
lab* ^T chA	1.0	0.0	0.0		
lab* ^T nCh	0.0	0.0	0.0		
relative Inform. Technology (IT)					
olv3*	1.0	1.0	1.0	(1,0)	
cmyn3*	0.0	0.0	0.0	(0,0)	
olv4*	1.0	1.0	1.0	0.0	
cmyn4*	0.0	0.0	0.0	0.0	
standard and adapted CIELAB					
LAB* ^L AB	87.5	0.0	0.0		
LAB* ^T Ch	87.5	7.1	92.33		
LAB* ^T ChA	87.5	7.1	92.33		
relative CIELAB lab*					
lab* ^L ab	0.941	-0.009	0.25		
lab* ^T ch	0.875	0.15	0.0		
lab* ^T chA	0.0	0.25	0.256		
lab* ^T nCh	1.0	0.87	0.5	1,0	
relative Inform. Technology (IT)					
olv3*	1.0	0.935	0.75	(1,0)	
cmyn3*	0.0	0.0	0.0	(0,0)	
olv4*	1.0	0.935	0.75	1,0	
cmyn4*	0.0	0.063	0.25	0.0	
standard and adapted CIELAB					
LAB* ^L AB	93.9	-0.28	7.09		
LAB* ^T Ch	93.9	-0.28	7.09		
LAB* ^T ChA	93.9	-0.28	7.09		
relative CIELAB lab*					
lab* ^L ab	0.944	-0.019	0.25		
lab* ^T ch	0.875	0.15	0.0		
lab* ^T chA	0.0	0.25	0.256		
lab* ^T nCh	1.0	0.883	0.5	1,0	
relative Inform. Technology (IT)					
olv3*	1.0	0.935	0.75	(1,0)	
cmyn3*	0.0	0.0	0.0	(0,0)	
olv4*	1.0	0.935	0.75	1,0	
cmyn4*	0.0	0.063	0.25	0.0	
standard and adapted CIELAB					
LAB* ^L AB	92.4	-0.57	14.19		
LAB* ^T Ch	92.4	-0.57	14.19		
LAB* ^T ChA	92.4	-0.57	14.19		
relative CIELAB lab*					
lab* ^L ab	0.983	-0.019	0.499		
lab* ^T ch	0.875	0.15	0.0		
lab* ^T chA	0.0	0.25	0.256		
lab* ^T nCh	1.0	0.883	0.5	1,0	
relative Inform. Technology (IT)					
olv3*	1.0	0.935	0.75	(1,0)	
cmyn3*	0.0	0.0	0.0	(0,0)	
olv4*	1.0	0.935	0.75	1,0	
cmyn4*	0.0	0.063	0.25	0.0	
standard and adapted CIELAB					
LAB* ^L AB	90.89	-0.85	21.28		
LAB* ^T Ch	90.89	-0.85	21.28		
LAB* ^T ChA	90.89	-0.85	21.28		
relative CIELAB lab*					
lab* ^L ab	0.883	-0.029	0.749		
lab* ^T ch	0.75	0.15	0.0		
lab* ^T chA	0.0	0.25	0.256		
lab* ^T nCh	1.0	0.95	0.75	1,0	
relative Inform. Technology (IT)					
olv3*	1.0	0.805	0.25	(1,0)	
cmyn3*	0.0	0.195	0.75	(0,0)	
olv4*	1.0	0.805	0.25	1,0	
cmyn4*	0.0	0.195	0.75	0,0	
standard and adapted CIELAB					
LAB* ^L AB	89.38	-1.14	28.37		
LAB* ^T Ch	89.38	-1.14	28.37		
LAB* ^T ChA	89.38	-1.14	28.37		
relative CIELAB lab*					
lab* ^L ab	0.824	0.0	0.75		
lab* ^T ch	0.745	0.15	0.0		
lab* ^T chA	0.0	0.25	0.256		
lab* ^T nCh	1.0	0.766	0.0	1,0	
relative Inform. Technology (IT)					
olv3*	1.0	0.74	0.0	(1,0)	
cmyn3*	0.0	0.26	1,0	(0,0)	
olv4*	1.0	0.74	0.0	1,0	
cmyn4*	0.0	0.26	1,0	0,0	
standard and adapted CIELAB					
LAB* ^L AB	84.46	-0.85	21.28		
LAB* ^T Ch	84.46	-0.85	21.28		
LAB* ^T ChA	84.46	-0.85	21.28		
relative CIELAB lab*					
lab* ^L ab	0.833	-0.019	0.499		
lab* ^T ch	0.725	0.15	0.0		
lab* ^T chA	0.0	0.25	0.256		
lab* ^T nCh	1.0	0.833	0.0	1,0	
relative Inform. Technology (IT)					
olv3*	0.5	0.441	-0.009	0.25	
cmyn3*	0.5	0.441	-0.009	0.25	
olv4*	1.0	0.441	-0.009	0.25	
cmyn4*	0.0	0.441	-0.009	0.25	
standard and adapted CIELAB					
LAB* ^L AB	79.54	-0.56	14.19		
LAB* ^T Ch	79.54	-0.56	14.19		
LAB* ^T ChA	79.54	-0.56	14.19		
relative CIELAB lab*					
lab* ^L ab	0.725	0.15	0.0		
lab* ^T ch	0.63	0.15	0.0		
lab* ^T chA	0.0	0.25	0.256		
lab* ^T nCh	1.0	0.833	0.0	1,0	
relative Inform. Technology (IT)					
olv3*	0.5	0.441	-0.009	0.25	
cmyn3*	0.5	0.441	-0.009	0.25	
olv4*	1.0	0.441	-0.009	0.25	
cmyn4*	0.0	0.441	-0.009	0.25	
standard and adapted CIELAB					
LAB* ^L AB	74.62	-0.28	7.09		
LAB* ^T Ch	74.62	-0.28	7.09		
LAB* ^T ChA	74.62	-0.28	7.09		
relative CIELAB lab*					
lab* ^L ab	0.719	-0.009	0.25		
lab* ^T ch	0.625	0.15	0.0		
lab* ^T chA	0.0	0.25	0.256		
lab* ^T nCh	1.0	0.815	0.0	1,0	
relative Inform. Technology (IT)					
olv3*	0.5	0.441	-0.009	0.25	
cmyn3*	0.5	0.441	-0.009	0.25	
olv4*	1.0	0.441	-0.009	0.25	
cmyn4*	0.0	0.441	-0.009	0.25	
standard and adapted CIELAB					
LAB* ^L AB	69.0	0.0	0.0		
LAB* ^T Ch	69.0	0.0	0.0		
LAB* ^T ChA	69.0	0.0	0.0		
relative CIELAB lab*					
lab* ^L ab	0.700	0.0	0.0		
lab* ^T ch	0.605	0.0	0.0		
lab* ^T chA	0.0	0.0	0.0		
lab* ^T nCh	1.0	0.800	0.0	1,0	
relative Inform. Technology (IT)					
olv3*	0.5	0.441	-0.009	0.25	
cmyn3*	0.5	0.441	-0.009	0.25	
olv4*	1.0	0.441	-0.009	0.25	
cmyn4*	0.0	0.441	-0.009	0.25	
standard and adapted CIELAB					
LAB* ^L AB	69.0	0.0	0.0		
LAB* ^T Ch	69.0	0.0	0.0		
LAB* ^T ChA	69.0	0.0	0.0		
relative CIELAB lab*					
lab* ^L ab	0.690	0.0	0.0		
lab* ^T ch	0.595	0.0	0.0		
lab* ^T chA	0.0	0.0	0.0		
lab* ^T nCh	1.0	0.795	0.0	1,0	
relative Inform. Technology (IT)					
olv3*	0.5	0.441	-0.009	0.25	
cmyn3*	0.5	0.441	-0.009	0.25	
olv4*	1.0	0.441	-0.009	0.25	
cmyn4*	0.0	0.441	-0.009	0.25	
standard and adapted CIELAB					
LAB* ^L AB	69.0	0.0	0.0		
LAB* ^T Ch	69.0	0.0	0.0		
LAB* ^T ChA	69.0	0.0	0.0		
relative CIELAB lab*					
lab* ^L ab	0.670	0.0	0.0		
lab* ^T ch	0.575	0.0	0.0		
lab* ^T chA	0.0	0.0	0.0		
lab* ^T nCh	1.0	0.775	0.0	1,0	
relative Inform. Technology (IT)					
olv3*	0.5	0.441	-0.009	0.25	
cmyn3*	0.5	0.441	-0.009	0.25	
olv4*	1.0	0.441	-0.009	0.25	
cmyn4*	0.0	0.441	-0.009	0.25	
standard and adapted CIELAB					
LAB* ^L AB	69.0	0.0	0.0		
LAB* ^T Ch	69.0	0.0	0.0		
LAB* ^T ChA	69.0	0.0	0.0		
relative CIELAB lab*					
lab* ^L ab	0.650	0.0	0.0		
lab* ^T ch	0.555	0.0	0.0		
lab* ^T chA	0.0	0.0	0.0		
lab* ^T nCh	1.0	0.750	0.0	1,0	
relative Inform. Technology (IT)					
olv3*	0.5	0.441	-0.009	0.25	
cmyn3*	0.5	0.441	-0.009	0.25	
olv4*	1.0	0.441	-0.009	0.25	
cmyn4*	0.0	0.441	-0.009	0.25	
standard and adapted CIELAB					
LAB* ^L AB	69.0	0.0	0.0		
LAB* ^T Ch	69.0	0.0	0.0		
LAB* ^T ChA	69.0	0.0	0.0		
relative CIELAB lab*					
lab* ^L ab	0.630	0.0	0.0		
lab* ^T ch	0.535	0.0	0.0		
lab* ^T chA	0.0	0.0	0.0		
lab* ^T nCh	1.0	0.735	0.0	1,0	
relative Inform. Technology (IT)					
olv3*	0.5	0.441	-0.009	0.25	
cmyn3*	0.5	0.441	-0.009	0.25	
olv4*	1.0	0.441	-0.009	0.25	
cmyn4*	0.0	0.441	-0.009	0.25	
standard and adapted CIELAB					
LAB* ^L AB	69.0	0.0	0.0		
LAB* ^T Ch	69.0	0.0	0.0		
LAB* ^T ChA	69.0	0.0	0.0		
relative CIELAB lab*					
lab* ^L ab	0.610	0.0	0.0		
lab* ^T ch	0.515	0.0	0.0		
lab* ^T chA	0.0	0.0	0.0		
lab* ^T nCh	1.0	0.715	0.0	1,0	
relative Inform. Technology (IT)					
olv3*	0.5	0.441	-0.009	0.25	
cmyn3*	0.5	0.441	-0.009	0.25	
olv4*	1.0	0.441	-0.009	0.25	
cmyn4*	0.0	0.441	-0.009	0.25	
standard and adapted CIELAB					
LAB* ^L AB	69.0	0.0	0.0		
LAB* ^T Ch	69.0	0.0	0.0		
LAB* ^T ChA	69.0	0.0	0.0		
relative CIELAB lab*					
lab* ^L ab	0.590	0.0	0.0		
lab* ^T ch	0.495	0.0	0.0		
lab* ^T chA	0.0	0.0	0.0		
lab* ^T nCh	1.0	0.695	0.0	1,0	
relative Inform. Technology (IT)					
olv3*	0.5	0.441	-0.009	0.25	
cmyn3*	0.5	0			

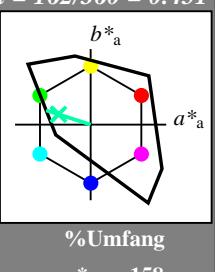
Siehe ähnliche Dateien: <http://www.ps.bam.de/NG43/>
 Technische Information: <http://www.ps.bam.de> Version 2.1, io=1,1?

Eingabe: Farbmétrisches Fernseh-Licht-System TLS00

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

D65: Bunton G
 LCH*Ma: 86 62 162
 olv*Ma: 0.0 1.0 0.65

Dreiecks-Helligkeit



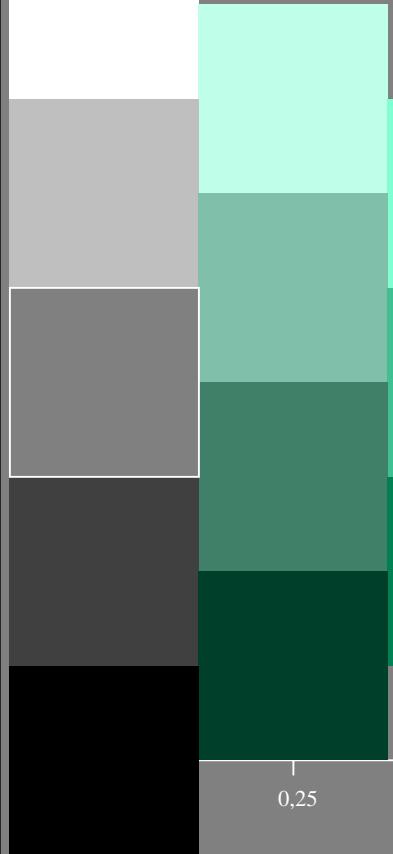
TLS00; adaptierte CIELAB-Daten

	$L^*=L^*_a$	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

1,00

%Umfang

$u^*_{rel} = 158$



%Regularität

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

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

relative CIELAB lab*

	olv^3*	olv^2*	olv^1*	cmy^3*	cmy^2*	cmy^1*	$standard$	$adapted$	$CIELAB$
lab^*lab	0.5	0.5	0.5	1.0	1.0	1.0	0.5	0.5	0.0
lab^*tch	0.25	0.25	0.25	0.0	0.0	0.0	0.25	0.25	0.0
lab^*nch	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
lab^*irj	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
lab^*ice	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
lab^*nCE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

relative Inform. Technology (IT)

olv^3* 1.0 1.0 1.0 (1,0)
 cmy^3* 0.0 0.0 0.0 (0,0)

olv^2* 1.0 1.0 1.0
 cmy^2* 0.0 0.0 0.0

olv^1* 0.0 0.0 0.0
 cmy^1* 0.0 0.0 0.0

standard and adapted CIELAB

LAB^*LAB 88.98 0.0 0.0
 LAB^*TChA 88.98 0.0 0.0
 LAB^*ChA 75.0 0.0 0.0

relative Natural Colour (NC)

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

relative Inform. Technology (IT)

olv^3* 0.5 0.5 0.5 (1,0)
 cmy^3* 0.5 0.5 0.5 (0,0)

olv^2* 0.5 0.5 0.5
 cmy^2* 0.0 0.0 0.0

olv^1* 0.0 0.0 0.0
 cmy^1* 0.0 0.0 0.0

standard and adapted CIELAB

LAB^*LAB 88.98 0.0 0.0
 LAB^*TChA 88.98 0.0 0.0
 LAB^*ChA 75.0 0.0 0.0

relative Natural Colour (NC)

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

relative Inform. Technology (IT)

olv^3* 0.5 0.5 0.5 (1,0)
 cmy^3* 0.5 0.5 0.5 (0,0)

olv^2* 0.5 0.5 0.5
 cmy^2* 0.0 0.0 0.0

olv^1* 0.0 0.0 0.0
 cmy^1* 0.0 0.0 0.0

standard and adapted CIELAB

LAB^*LAB 88.98 0.0 0.0
 LAB^*TChA 88.98 0.0 0.0
 LAB^*ChA 75.0 0.0 0.0

relative Natural Colour (NC)

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

relative Inform. Technology (IT)

olv^3* 0.5 0.5 0.5 (1,0)
 cmy^3* 0.5 0.5 0.5 (0,0)

olv^2* 0.5 0.5 0.5
 cmy^2* 0.0 0.0 0.0

olv^1* 0.0 0.0 0.0
 cmy^1* 0.0 0.0 0.0

standard and adapted CIELAB

LAB^*LAB 88.98 0.0 0.0
 LAB^*TChA 88.98 0.0 0.0
 LAB^*ChA 75.0 0.0 0.0

relative Natural Colour (NC)

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

relative Inform. Technology (IT)

olv^3* 0.5 0.5 0.5 (1,0)
 cmy^3* 0.5 0.5 0.5 (0,0)

olv^2* 0.5 0.5 0.5
 cmy^2* 0.0 0.0 0.0

olv^1* 0.0 0.0 0.0
 cmy^1* 0.0 0.0 0.0

standard and adapted CIELAB

LAB^*LAB 88.98 0.0 0.0
 LAB^*TChA 88.98 0.0 0.0
 LAB^*ChA 75.0 0.0 0.0

relative Natural Colour (NC)

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

relative Inform. Technology (IT)

olv^3* 0.5 0.5 0.5 (1,0)
 cmy^3* 0.5 0.5 0.5 (0,0)

olv^2* 0.5 0.5 0.5
 cmy^2* 0.0 0.0 0.0

olv^1* 0.0 0.0 0.0
 cmy^1* 0.0 0.0 0.0

standard and adapted CIELAB

LAB^*LAB 88.98 0.0 0.0
 LAB^*TChA 88.98 0.0 0.0
 LAB^*ChA 75.0 0.0 0.0

relative Natural Colour (NC)

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

relative Inform. Technology (IT)

olv^3* 0.5 0.5 0.5 (1,0)
 cmy^3* 0.5 0.5 0.5 (0,0)

olv^2* 0.5 0.5 0.5
 cmy^2* 0.0 0.0 0.0

olv^1* 0.0 0.0 0.0
 cmy^1* 0.0 0.0 0.0

standard and adapted CIELAB

LAB^*LAB 88.98 0.0 0.0
 LAB^*TChA 88.98 0.0 0.0
 LAB^*ChA 75.0 0.0 0.0

relative Natural Colour (NC)

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

relative Inform. Technology (IT)

olv^3* 0.5 0.5 0.5 (1,0)
 cmy^3* 0.5 0.5 0.5 (0,0)

olv^2* 0.5 0.5 0.5
 cmy^2* 0.0 0.0 0.0

olv^1* 0.0 0.0 0.0
 cmy^1* 0.0 0.0 0.0

standard and adapted CIELAB

LAB^*LAB 88.98 0.0 0.0
 LAB^*TChA 88.98 0.0 0.0
 LAB^*ChA 75.0 0.0 0.0

relative Natural Colour (NC)

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

relative Inform. Technology (IT)

olv^3* 0.5 0.5 0.5 (1,0)
 cmy^3* 0.5 0.5 0.5 (0,0)

olv^2* 0.5 0.5 0.5
 cmy^2* 0.0 0.0 0.0

olv^1* 0.0 0.0 0.0
 cmy^1* 0.0 0.0 0.0

standard and adapted CIELAB

LAB^*LAB 88.98 0.0 0.0
 LAB^*TChA 88.98 0.0 0.0
 LAB^*ChA 75.0 0.0 0.0

relative Natural Colour (NC)

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

relative Inform. Technology (IT)

olv^3* 0.5 0.5 0.5 (1,0)
 cmy^3* 0.5 0.5 0.5 (0,0)

olv^2* 0.5 0.5 0.5
 cmy^2* 0.0 0.0 0.0

olv^1* 0.0 0.0 0.0
 cmy^1* 0.0 0.0 0.0

standard and adapted CIELAB

LAB^*LAB 88.98 0.0 0.0
 LAB^*TChA 88.98 0.0 0.0
 LAB^*ChA 75.0 0.0 0.0

relative Natural Colour (NC)

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

relative Inform. Technology (IT)

olv^3* 0.5 0.5 0.5 (1,0)
 cmy^3* 0.5 0.5 0.5 (0,0)

olv^2* 0.5 0.5 0.5
 cmy^2* 0.0 0.0 0.0

olv^1* 0.0 0.0 0.0
 cmy^1* 0.0 0.0 0.0

standard and adapted CIELAB

LAB^*LAB 88.98 0.0 0.0
 LAB^*TChA 88.98 0.0 0.0
 LAB^*ChA 75.0 0.0 0.0

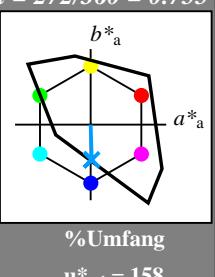
relative Natural Colour (NC)

lab^*lab 0.75 0.0 0.

Eingabe: Farbmétrisches Fernseh-Licht-System TLS00
für Bunton $h^* = lab^*h = 272/360 = 0.755$
 lab^*tch und lab^*nch

D65: Bunton B
LCH*Ma: 65 49 272
olv*Ma: 0.0 0.61 1.0

Dreiecks-Helligkeit



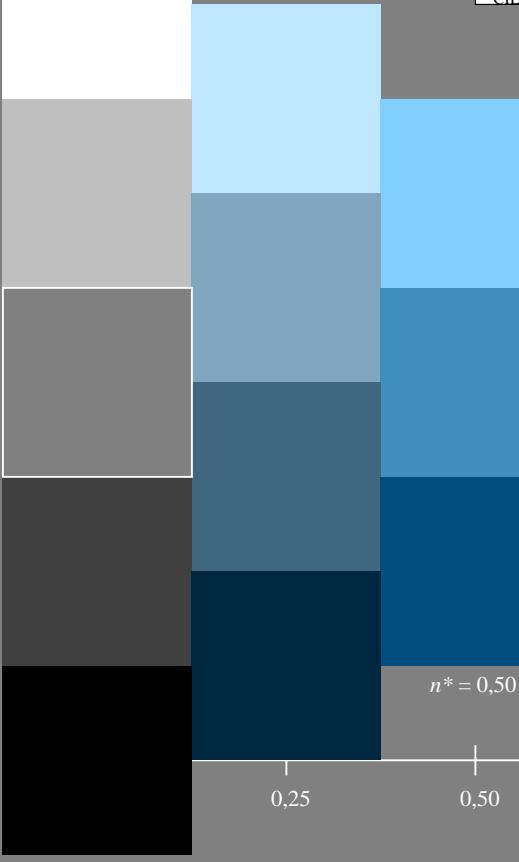
TLS00; adaptierte CIELAB-Daten

	$L^*=L^*_a$	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

1,00

%Umfang

$u^*_{rel} = 158$



%Regularität

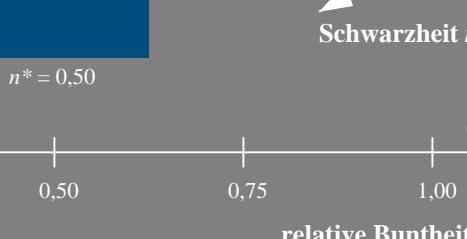
$g^*_{H,rel} = 20$

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

$n^* = 0,00$

$n^* = 0,25$

$n^* = 0,50$



Ausgabe: Farbmétrisches Fernseh-Licht-System TLS70

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

D65: Bunton B

LCH*Ma: 80 24 272

olv*Ma: 0.0 0.4 1.0

Dreiecks-Helligkeit

1,00

%Umfang

$u^*_{rel} = 16$

%Regularität

$g^*_{H,rel} = 34$

$g^*_{C,rel} = 51$

$n^* = 0,00$

$n^* = 0,25$

$n^* = 0,50$

$n^* = 0,75$

$n^* = 1,00$

$n^* = 0,00$

$n^* = 0,25$

$n^* = 0,50$

$n^* = 0,75$

$n^* = 1,00$

$n^* = 0,00$

$n^* = 0,25$

$n^* = 0,50$

$n^* = 0,75$

$n^* = 1,00$

$n^* = 0,00$

$n^* = 0,25$

$n^* = 0,50$

$n^* = 0,75$

$n^* = 1,00$

$n^* = 0,00$

$n^* = 0,25$

$n^* = 0,50$

$n^* = 0,75$

$n^* = 1,00$

$n^* = 0,00$

$n^* = 0,25$

$n^* = 0,50$

$n^* = 0,75$

$n^* = 1,00$

$n^* = 0,00$

$n^* = 0,25$

$n^* = 0,50$

$n^* = 0,75$

$n^* = 1,00$

$n^* = 0,00$

$n^* = 0,25$

$n^* = 0,50$

$n^* = 0,75$

$n^* = 1,00$

$n^* = 0,00$

$n^* = 0,25$

$n^* = 0,50$

$n^* = 0,75$

$n^* = 1,00$

$n^* = 0,00$

$n^* = 0,25$

$n^* = 0,50$

$n^* = 0,75$

$n^* = 1,00$

$n^* = 0,00$

$n^* = 0,25$

$n^* = 0,50$

$n^* = 0,75$

$n^* = 1,00$

$n^* = 0,00$

$n^* = 0,25$

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$n^* = 0,00$

$n^* = 0,25$

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$n^* = 1,00$

$n^* = 0,00$

$n^* = 0,25$

$n^* = 0,50$

$n^* = 0,75$

$n^* = 1,00$

$n^* = 0,00$

$n^* = 0,25$

$n^* = 0,50$

$n^* = 0,75$

$n^* = 1,00$

$n^* = 0,00$

$n^* = 0,25$

$n^* = 0,50$

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$n^* = 1,00$

Ausgabe: Farbmétrisches Fernseh-Licht-System TLS70

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

D65: Bunton B

LCH*Ma: 80 24 272

olv*Ma: 0.0 0.4 1.0

Dreiecks-Helligkeit

1,00

%Umfang

$u^*_{rel} = 16$

%Regularität

$g^*_{H,rel} = 34$

$g^*_{C,rel} = 51$

$n^* = 0,00$

$n^* = 0,25$

$n^* = 0,50$

$n^* = 0,75$

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