

Eingabe: Farbmetrisches Fernseh-Licht-System TLS70

für Bunton $h^* = lab^*h = 22/360 = 0.061$
 lab^*tch und lab^*nch

D65: Bunton 0
LCH*Ma: 76 28 22
olv*Ma: 1.0 0.0 0.0

Dreiecks-Helligkeit t^*



%Umfang

$u^*_{rel} = 16$

relative Intens. Technology (IT)
LAP*AB 0.00 0.00 0.00
LAP*AB 1.0 0.0 0.0
LAP*AB 0.0 0.0 0.0
standard and adapted CIE LAB
LAP*AB 0.00 0.00 0.00
LAP*AB 1.0 0.0 0.0
LAP*AB 0.0 0.0 0.0

relative Natural Colour (NC)
LAP*AB 0.00 0.00 0.00
LAP*AB 1.0 0.0 0.0
LAP*AB 0.0 0.0 0.0

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standard and adapted CIE LAB
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standard and adapted CIE LAB
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standard and adapted CIE LAB
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relative Natural Colour (NC)
LAP*AB 0.00 0.00 0.00
LAP*AB 1.0 0.0 0.0
LAP*AB 0.0 0.0 0.0

TLS70; adaptierte CIELAB-Daten

$L^*=L_a^* a^* b^* C^*_{ab,2} h^*_{ab,2}$

O _{Ma}	76.43	26.27	10.57	28.32	22
Y _{Ma}	93.93	-10.76	34.63	36.27	107
L _{Ma}	89.32	-35.8	27.64	45.24	142
C _{Ma}	90.93	-21.95	-7.07	23.07	198
V _{Ma}	72.1	15.76	-35.63	38.97	294
M _{Ma}	78.5	37.52	-25.23	45.22	326
N _{Ma}	69.7	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
R _{CE}	39.92	58.74	27.99	65.07	25
J _{CE}	81.26	-2.88	71.56	71.62	92
G _{CE}	52.23	-42.41	13.6	44.55	162
B _{CE}	30.57	1.41	-46.46	46.49	272

%Regulartät

$g^*_{Hrel} = 34$

$g^*_{Crel} = 51$

relative Intens. Technology (IT)
LAP*AB 0.00 0.00 0.00
LAP*AB 1.0 0.0 0.0
LAP*AB 0.0 0.0 0.0
standard and adapted CIE LAB
LAP*AB 0.00 0.00 0.00
LAP*AB 1.0 0.0 0.0
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relative Natural Colour (NC)
LAP*AB 0.00 0.00 0.00
LAP*AB 1.0 0.0 0.0
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standard and adapted CIE LAB
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standard and adapted CIE LAB
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relative Natural Colour (NC)
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standard and adapted CIE LAB
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relative Natural Colour (NC)
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standard and adapted CIE LAB
LAP*AB 0.00 0.00 0.00
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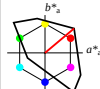
relative Natural Colour (NC)
LAP*AB 0.00 0.00 0.00
LAP*AB 1.0 0.0 0.0
LAP*AB 0.0 0.0 0.0

Ausgabe: Farbmetrisches Fernseh-Licht-System TLS00

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

D65: Bunton 0
LCH*Ma: 51 100 40
olv*Ma: 1.0 0.0 0.0

Dreiecks-Helligkeit t^*



%Umfang

$u^*_{rel} = 158$

relative Intens. Technology (IT)
LAP*AB 0.00 0.00 0.00
LAP*AB 1.0 0.0 0.0
LAP*AB 0.0 0.0 0.0
standard and adapted CIE LAB
LAP*AB 0.00 0.00 0.00
LAP*AB 1.0 0.0 0.0
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relative Natural Colour (NC)
LAP*AB 0.00 0.00 0.00
LAP*AB 1.0 0.0 0.0
LAP*AB 0.0 0.0 0.0

relative Intens. Technology (IT)
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relative Natural Colour (NC)
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relative Intens. Technology (IT)
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relative Natural Colour (NC)
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LAP*AB 0.0 0.0 0.0

TLS00; adaptierte CIELAB-Daten

$L^*=L_a^* a^* b^* C^*_{ab,2} h^*_{ab,2}$

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 _{CE}	39.92	58.74	27.99	65.07	25
J _{CE}	81.26	-2.88	71.56	71.62	92
G _{CE}	52.23	-42.41	13.6	44.55	162
B _{CE}	30.57	1.41	-46.46	46.49	272

%Regulartät

$g^*_{Hrel} = 20$

$g^*_{Crel} = 37$

relative Intens. Technology (IT)
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relative Natural Colour (NC)
LAP*AB 0.00 0.00 0.00
LAP*AB 1.0 0.0 0.0
LAP*AB 0.0 0.0 0.0

NG580-7, 5-stufige Reihen für konstanten CIELAB Bunton 22/360 = 0.061 (links)

5-stufige Reihen für konstanten CIELAB Bunton 40/360 = 0.111 (rechts)

BAM-Prüfvorlage NG58; Farbmetrik-Systeme TLS70 & TLS00 input: olv* setrgbcolor
D65: 2 Koordinatendaten; 5stufige Farbreihen für 10 Bunttöne output: no change compared to input