

BAM-Registrierung: 20060101-NG5310L/L53G01NP.PS/.PDF BAM-Material: Code=rha4ta

lab*tch und lab*nch

olv*Ma: 1.0 0.0 0.2

%Umfang

*lab*tch* und *lab*nch*

%Umfan

	C	M	C
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0	L	V
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Eingabe: Farbmetrisches Fernseh-Licht-System TLS00

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

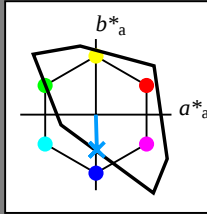
lab^*ch und lab^*nch

D65: Buntton B

LCH*Ma: 65 49 272

olv*Ma: 0.0 0.61 1.0

Dreiecks-Helligkeit t^*



relative Inform. Technology (IT)

olvi3*	1.0	1.0	1.0	(1.0)
olvi3*	0.0	0.0	0.0	(0.0)
olvi4*	1.0	1.0	1.0	(1.0)
olvi4*	0.0	0.0	0.0	(0.0)
olvi4*	0.0	0.0	0.0	(0.0)
olvi4*	0.0	0.0	0.0	(0.0)

standard and adapted CIELAB

LAB*LAB	95.41	0.0	0.0
LAB*LAB	95.41	0.0	0.0
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*lab	0.0	1.0	0.0
lab*lab	0.0	0.0	1.0
lab*lab	0.0	0.0	0.0

relative Natural Colour (NC)

lab*lab	1.0	0.0	0.0
lab*lab	0.0	1.0	0.0
lab*lab	0.0	0.0	1.0
lab*lab	0.0	0.0	0.0

standard and adapted CIELAB

LAB*LAB	71.57	0.0	0.0
LAB*LAB	71.57	0.0	0.0
LAB*LAB	71.57	0.0	0.0
LAB*LAB	71.57	0.0	0.0

relative CIELAB lab*

lab*lab	0.75	0.0	0.0
lab*lab	0.0	0.75	0.0
lab*lab	0.0	0.0	0.75
lab*lab	0.0	0.0	0.0

relative Natural Colour (NC)

lab*lab	0.75	0.0	0.0
lab*lab	0.0	0.75	0.0
lab*lab	0.0	0.0	0.75
lab*lab	0.0	0.0	0.0

standard and adapted CIELAB

LAB*LAB	47.72	0.0	0.0
LAB*LAB	47.72	0.0	0.0
LAB*LAB	47.72	0.0	0.0
LAB*LAB	47.72	0.0	0.0

relative CIELAB lab*

lab*lab	0.5	0.0	0.0
lab*lab	0.0	0.5	0.0
lab*lab	0.0	0.0	0.5
lab*lab	0.0	0.0	0.0

relative Natural Colour (NC)

lab*lab	0.5	0.0	0.0
lab*lab	0.0	0.5	0.0
lab*lab	0.0	0.0	0.5
lab*lab	0.0	0.0	0.0

standard and adapted CIELAB

LAB*LAB	23.87	0.0	0.0
LAB*LAB	23.87	0.0	0.0
LAB*LAB	23.87	0.0	0.0
LAB*LAB	23.87	0.0	0.0

relative CIELAB lab*

lab*lab	0.0	0.0	0.0
lab*lab	0.0	0.0	0.0
lab*lab	0.0	0.0	0.0
lab*lab	0.0	0.0	0.0

relative Natural Colour (NC)

lab*lab	0.0	0.0	0.0
lab*lab	0.0	0.0	0.0
lab*lab	0.0	0.0	0.0
lab*lab	0.0	0.0	0.0

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
RC _{IE}	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

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

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

%Umfang

$u^*_{rel} = 158$

relative Inform. Technology (IT)

olvi3*	0.75	0.903	1.0	(1.0)
olvi3*	0.25	0.097	0.0	(0.0)
olvi4*	0.75	0.903	1.0	(1.0)
olvi4*	0.25	0.097	0.0	(0.0)
olvi4*	0.0	0.0	0.0	(0.0)
olvi4*	0.0	0.0	0.0	(0.0)

standard and adapted CIELAB

LAB*LAB	87.77	0.36	-12.14
LAB*LAB	87.77	0.36	-12.14
LAB*LAB	87.77	0.36	-12.14
LAB*LAB	87.77	0.36	-12.14

relative CIELAB lab*

lab*lab	0.92	0.007	-0.249
lab*lab	0.875	0.25	0.755
lab*lab	0.0	0.25	0.755
lab*lab	0.0	0.0	0.25

relative Natural Colour (NC)

lab*lab	0.92	0.007	-0.249
lab*lab	0.875	0.25	0.755
lab*lab	0.0	0.25	0.755
lab*lab	0.0	0.0	0.25

standard and adapted CIELAB

LAB*LAB	63.92	0.37	-12.15
LAB*LAB	63.92	0.37	-12.15
LAB*LAB	63.92	0.37	-12.15
LAB*LAB	63.92	0.37	-12.15

relative CIELAB lab*

lab*lab	0.639	0.015	-0.499
lab*lab	0.625	0.25	0.755
lab*lab	0.0	0.25	0.755
lab*lab	0.0	0.0	0.25

relative Natural Colour (NC)

lab*lab	0.639	0.015	-0.499
lab*lab	0.625	0.25	0.755
lab*lab	0.0	0.25	0.755
lab*lab	0.0	0.0	0.25

standard and adapted CIELAB

LAB*LAB	40.07	0.37	-12.15
LAB*LAB	40.07	0.37	-12.15
LAB*LAB	40.07	0.37	-12.15
LAB*LAB	40.07	0.37	-12.15

relative CIELAB lab*

lab*lab	0.4	0.0	0.0
lab*lab	0.375	0.25	0.755
lab*lab	0.0	0.25	0.755
lab*lab	0.0	0.0	0.25

relative Natural Colour (NC)

lab*lab	0.4	0.0	0.0
lab*lab	0.375	0.25	0.755
lab*lab	0.0	0.25	0.755
lab*lab	0.0	0.0	0.25

Ausgabe: Farbmetrisches Fernseh-Licht-System TLS70

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

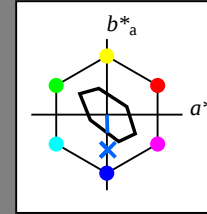
lab^*ch und lab^*nch

D65: Buntton B

LCH*Ma: 80 24 272

olv*Ma: 0.0 0.4 1.0

Dreiecks-Helligkeit t^*



relative Inform. Technology (IT)

olvi3*	1.0	1.0	1.0	(1.0)
olvi3*	0.0	0.0	0.0	(0.0)
olvi4*	1.0	1.0	1.0	(1.0)
olvi4*	0.0	0.0	0.0	(0.0)
olvi4*	0.0	0.0	0.0	(0.0)
olvi4*	0.0	0.0	0.0	(0.0)

standard and adapted CIELAB

LAB*LAB	95.41	0.0	0.0
LAB*LAB	95.41	0.0	0.0
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*lab	0.0	1.0	0.0
lab*lab	0.0	0.0	1.0
lab*lab	0.0	0.0	0.0

relative Natural Colour (NC)

lab*lab	1.0	0.0	0.0
lab*lab	0.0	1.0	0.0
lab*lab	0.0	0.0	1.0
lab*lab	0.0	0.0	0.0

standard and adapted CIELAB

LAB*LAB	88.98	0.0	0.0
LAB*LAB	88.98	0.0	0.0
LAB*LAB	88.98	0.0	0.0
LAB*LAB	88.98	0.0	0.0

relative CIELAB lab*

lab*lab	0.75	0.0	0.0
lab*lab	0.0	0.75	0.0
lab*lab	0.0	0.0	0.75
lab*lab	0.0	0.0	0.0

relative Natural Colour (NC)

lab*lab	0.75	0.0	0.0
lab*lab	0.0	0.75	0.0
lab*lab	0.0	0.0	0.75
lab*lab	0.0	0.0	0.0

standard and adapted CIELAB

LAB*LAB	75.0	0.0	0.0
LAB*LAB	75.0	0.0	0.0
LAB*LAB	75.0	0.0	0.0
LAB*LAB	75.0	0.0	0.0

relative CIELAB lab*

lab*lab	0.5	0.0	0.0
lab*lab	0.0	0.5	0.0
lab*lab	0.0	0.0	0.5
lab*lab	0.0	0.0	0.0

relative Natural Colour (NC)

lab*lab	0.5	0.0	0.0
lab*lab	0.0	0.5	0.0
lab*lab	0.0	0.0	0.5
lab*lab	0.0	0.0	0.0

standard and adapted CIELAB

LAB*LAB	69.0	0.0	0.0
LAB*LAB	69.0	0.0	0.0
LAB*LAB	69.0	0.0	0.0
LAB*LAB	69.0	0.0	0.0

relative CIELAB lab*

lab*lab	0.0	0.0	0.0
lab*lab	0.0	0.0	0.0
lab*lab	0.0	0.0	0.0
lab*lab	0.0	0.0	0.0

relative Natural Colour (NC)

lab*lab	0.0	0.0	0.0
lab*lab	0.0	0.0	0.0
lab*lab	0.0	0.0	0.0
lab*lab	0.0	0.0	0.0

TLS70; adaptierte CIELAB-Daten

	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
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
RC _{IE}	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

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

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

%Umfang

$u^*_{rel} = 16$

relative Inform. Technology (IT)

olvi3*	0.75	0.85	1.0	(1.0)
olvi3*	0.25	0.15	0.0	(0.0)
olvi4*	0.75	0.85	1.0	(1.0)
olvi4*	0.25	0.15	0.0	(0.0)
olvi4*	0.0	0.0	0.0	(0.0)
olvi4*	0.0	0.0	0.0	(0.0)

standard and adapted CIELAB

LAB*LAB	91.46	0.18	-6.05
LAB*LAB	91.46	0.18	-6.05
LAB*LAB	91.46	0.18	-6.05
LAB*LAB	91.46	0.18	-6.05

relative CIELAB lab*

B lab*			
0.43	0.015	-0.499	
	0.5	0.755	
0.5	0.5	0.755	
Colour (NC)			
0.43	0.0	-0.499	