

Eingabe: Farbmetrisches Fernseh-Licht-System TLS00

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

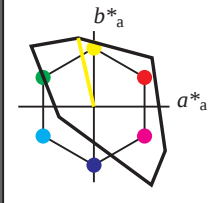
lab^*ch und lab^*nch

D65: Buntton Y

LCH*Ma: 93 93 103

olv*Ma: 1.0 1.0 0.0

Dreiecks-Helligkeit t^*



%Umfang

$u^*_{rel} = 158$

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)
LAB*LAB	95.41	0.0	0.0	
LAB*Lab	95.41	0.0	0.0	
LAB*TCa	99.99	0.01	-	

standard and adapted CIELAB

LAB*LAB	95.41	0.0	0.0	
LAB*Lab	95.41	0.0	0.0	
LAB*TCa	99.99	0.01	-	

relative CIELAB lab*

lab*lab	1.0	0.0	0.0	
lab*ch	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 Natural Colour (NC)

lab*lab	1.0	0.0	0.0	
lab*ch	0.75	0.0	0.0	
lab*nch	0.0	0.0	0.0	
lab*trj	0.75	0.0	0.0	
lab*trc	0.75	0.0	0.0	
lab*ncc	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*TCa	99.99	0.01	-	

relative CIELAB lab*

lab*lab	1.0	0.0	0.0	
lab*ch	0.75	0.0	0.0	
lab*nch	0.0	0.0	0.0	
lab*trj	0.75	0.0	0.0	
lab*trc	0.75	0.0	0.0	
lab*ncc	0.0	0.0	0.0	

relative Natural Colour (NC)

lab*lab	1.0	0.0	0.0	
lab*ch	0.75	0.0	0.0	
lab*nch	0.0	0.0	0.0	
lab*trj	0.75	0.0	0.0	
lab*trc	0.75	0.0	0.0	
lab*ncc	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*TCa	99.99	0.01	-	

relative CIELAB lab*

lab*lab	1.0	0.0	0.0	
lab*ch	0.75	0.0	0.0	
lab*nch	0.0	0.0	0.0	
lab*trj	0.75	0.0	0.0	
lab*trc	0.75	0.0	0.0	
lab*ncc	0.0	0.0	0.0	

relative Natural Colour (NC)

lab*lab	1.0	0.0	0.0	
lab*ch	0.75	0.0	0.0	
lab*nch	0.0	0.0	0.0	
lab*trj	0.75	0.0	0.0	
lab*trc	0.75	0.0	0.0	
lab*ncc	0.0	0.0	0.0	

$n^* = 1.0$

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
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

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

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

%Umfang

$u^*_{rel} = 158$

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)
LAB*LAB	94.03	-10.34	45.37	
LAB*Lab	94.03	-10.34	45.37	
LAB*TCa	75.0	46.53	102.85	

standard and adapted CIELAB

LAB*LAB	94.03	-10.34	45.37	
LAB*Lab	94.03	-10.34	45.37	
LAB*TCa	75.0	46.53	102.85	

relative CIELAB lab*

lab*lab	1.0	0.0	0.0	
lab*ch	0.985	-0.11	0.487	
lab*nch	0.0	0.0	0.0	
lab*trj	0.985	-0.11	0.486	
lab*trc	0.985	-0.11	0.486	
lab*ncc	0.0	0.0	0.0	

relative Natural Colour (NC)

lab*lab	1.0	0.0	0.0	
lab*ch	0.75	0.0	0.0	
lab*nch	0.0	0.0	0.0	
lab*trj	0.75	0.0	0.0	
lab*trc	0.75	0.0	0.0	
lab*ncc	0.0	0.0	0.0	

standard and adapted CIELAB

LAB*LAB	94.03	-10.34	45.37	
LAB*Lab	94.03	-10.34	45.37	
LAB*TCa	75.0	46.53	102.85	

relative CIELAB lab*

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lab*ch	0.985	-0.11	0.487	
lab*nch	0.0	0.0	0.0	
lab*trj	0.985	-0.11	0.486	
lab*trc	0.985	-0.11	0.486	
lab*ncc	0.0	0.0	0.0	

relative Natural Colour (NC)

lab*lab	1.0	0.0	0.0	
lab*ch	0.75	0.0	0.0	
lab*nch	0.0	0.0	0.0	
lab*trj	0.75	0.0	0.0	
lab*trc	0.75	0.0	0.0	
lab*ncc	0.0	0.0	0.0	

$n^* = 0.50$

%Umfang

$u^*_{rel} = 158$

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)
LAB*LAB	93.34	-15.51	68.05	
LAB*Lab	93.34	-15.51	68.05	
LAB*TCa	62.5	69.8	102.85	

standard and adapted CIELAB

LAB*LAB	93.34	-15.51	68.05	
LAB*Lab	93.34	-15.51	68.05	
LAB*TCa	62.5	69.8	102.85	

relative CIELAB lab*

lab*lab	1.0	0.0	0.0	
lab*ch	0.978	-0.166	0.731	
lab*nch	0.0	0.0	0.0	
lab*trj	0.978	-0.166	0.729	
lab*trc	0.978	-0.166	0.729	
lab*ncc	0.0	0.0	0.0	

relative Natural Colour (NC)

lab*lab	1.0	0.0	0.0	
lab*ch	0.75	0.0	0.0	
lab*nch	0.0	0.0	0.0	
lab*trj	0.75	0.0	0.0	
lab*trc	0.75	0.0	0.0	
lab*ncc	0.0	0.0	0.0	

standard and adapted CIELAB

LAB*LAB	93.34	-15.51	68.05	
LAB*Lab	93.34	-15.51	68.05	
LAB*TCa	62.5	69.8	102.85	

relative CIELAB lab*

lab*lab	1.0	0.0	0.0	
lab*ch	0.978	-0.166	0.731	
lab*nch	0.0	0.0	0.0	
lab*trj	0.978	-0.166	0.729	
lab*trc	0.978	-0.166	0.729	
lab*ncc	0.0	0.0	0.0	

relative Natural Colour (NC)

lab*lab	1.0	0.0	0.0	
lab*ch	0.75	0.0	0.0	
lab*nch	0.0	0.0	0.0	
lab*trj	0.75	0.0	0.0	
lab*trc	0.75	0.0	0.0	
lab*ncc	0.0	0.0	0.0	

$n^* = 0.25$

%Umfang

$u^*_{rel} = 158$

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)
LAB*LAB	92.65	-20.69	90.73	
LAB*Lab	92.65	-20.69	90.73	
LAB*TCa	50.0	93.06	102.85	

standard and adapted CIELAB

LAB*LAB	92.65	-20.69	90.73	
LAB*Lab	92.65	-20.69	90.73	
LAB*TCa	50.0	93.06	102.85	

relative CIELAB lab*

lab*lab	1.0	0.0	0.0	
lab*ch	0.971	-0.221	0.975	
lab*nch	0.0	0.0	0.0	
lab*trj	0.971	-0.223	0.972	
lab*trc	0.971	-0.223	0.972	
lab*ncc	0.0	0.0	0.0	

relative Natural Colour (NC)

lab*lab	1.0	0.0	0.0	
lab*ch	0.75	0.0	0.0	
lab*nch	0.0	0.0	0.0	
lab*trj	0.75	0.0	0.0	
lab*trc	0.75	0.0	0.0	
lab*ncc	0.0	0.0	0.0	

standard and adapted CIELAB

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lab*lab	1.0	0.0	0.0	
lab*ch	0.971	-0.221	0.975	
lab*nch	0.0	0.0	0.0	
lab*trj	0.971	-0.223	0.972	
lab*trc	0.971	-0.223	0.972	
lab*ncc	0.0	0.0	0.0	

relative Natural Colour (NC)

lab*lab	1.0	0.0	0.0	
lab*ch	0.75	0.0	0.0	
lab*nch	0.0	0.0	0.0	
lab*trj	0.75	0.0	0.0	
lab*trc	0.75	0.0	0.0	
lab*ncc	0.0	0.0	0.0	

$n^* = 0.00$

%Umfang

$u^*_{rel} = 158$

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)
LAB*LAB	92.65	-20.69	90.73	
LAB*Lab	92.65	-20.69	90.73	
LAB*TCa	50.0	93.06	102.85	

standard and adapted CIELAB

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lab*ch	0.971	-0.221	0.975	
lab*nch	0.0	0.0	0.0	
lab*trj	0.971	-0.223	0.972	
lab*trc	0.971	-0.223	0.972	
lab*ncc	0.0	0.0	0.0	

relative Natural Colour (NC)

lab*lab	1.0	0.0	0.0	
lab*ch	0.75	0.0	0.0	
lab*nch	0.0	0.0	0.0	
lab*trj	0.75	0.0	0.0	
lab*trc	0.75	0.0	0.0	
lab*ncc	0.0	0.0	0.0	

standard and adapted CIELAB

LAB*LAB	92.65	-20.69	90.73	
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LAB*TCa	50.0	93.06	102.85	

relative CIELAB lab*

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lab*ch	0.971	-0.221	0.975	
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lab*trj	0.971	-0.223	0.972	
lab*trc	0.971	-0.223	0.972	
lab*ncc	0.0	0.0	0.0	

Relative Bur

Eingabe: Farbmetrisches Fernseh-Licht-System TLS00

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

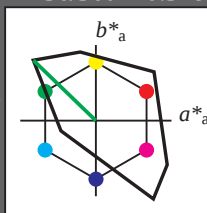
lab^*ch und lab^*nch

D65: Buntton L

LCH*Ma: 84 115 136

olv*Ma: 0.0 1.0 0.0

Dreiecks-Helligkeit t^*



%Umfang

$u^*_{rel} = 158$

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)
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	

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

relative Natural Colour (NC)

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

relative Inform. Technology (IT)

olvi3*	0.75	0.75	0.75	(1.0)
olvi3*	0.25	0.25	0.25	(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)
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	

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	0.75	0.75	(1.0)
lab*lab	0.25	0.25	0.25	(0.0)
lab*lab	0.75	0.75	0.75	(1.0)
lab*lab	0.25	0.25	0.25	(0.0)

relative Natural Colour (NC)

lab*lab	0.75	0.75	0.75	(1.0)
lab*lab	0.25	0.25	0.25	(0.0)
lab*lab	0.75	0.75	0.75	(1.0)
lab*lab	0.25	0.25	0.25	(0.0)

relative Inform. Technology (IT)

olvi3*	0.75	0.75	0.75	(1.0)
olvi3*	0.25	0.25	0.25	(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)
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	

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	0.75	0.75	0.75	(1.0)
lab*lab	0.25	0.25	0.25	(0.0)
lab*lab	0.75	0.75	0.75	(1.0)
lab*lab	0.25	0.25	0.25	(0.0)

relative Natural Colour (NC)

lab*lab	0.75	0.75	0.75	(1.0)
lab*lab	0.25	0.25	0.25	(0.0)
lab*lab	0.75	0.75	0.75	(1.0)
lab*lab	0.25	0.25	0.25	(0.0)

relative Inform. Technology (IT)

olvi3*	0.75	0.75	0.75	(1.0)
olvi3*	0.25	0.25	0.25	(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)
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	

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	0.75	0.75	0.75	(1.0)
lab*lab	0.25	0.25	0.25	(0.0)
lab*lab	0.75	0.75	0.75	(1.0)
lab*lab	0.25	0.25	0.25	(0.0)

relative Natural Colour (NC)

lab*lab	0.75	0.75	0.75	(1.0)
lab*lab	0.25	0.25	0.25	(0.0)
lab*lab	0.75	0.75	0.75	(1.0)
lab*lab	0.25	0.25	0.25	(0.0)

relative Inform. Technology (IT)

olvi3*	0.0	0.0	0.0	(1.0)
olvi3*	1.0	1.0	1.0	(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)
LAB*LAB	0.03	0.0	0.0	
LAB*LAB	0.03	0.0	0.0	
LAB*LAB	0.03	0.0	0.0	
LAB*LAB	0.03	0.0	0.0	

standard and adapted CIELAB

LAB*LAB	0.03	0.0	0.0	
LAB*LAB	0.03	0.0	0.0	
LAB*LAB	0.03	0.0	0.0	
LAB*LAB	0.03	0.0	0.0	

relative CIELAB lab*

lab*lab	0.0	0.0	0.0	(1.0)
lab*lab	1.0	1.0	1.0	(0.0)
lab*lab	1.0	1.0	1.0	(1.0)
lab*lab	0.0	0.0	0.0	(0.0)

relative Natural Colour (NC)

lab*lab	0.0	0.0	0.0	(1.0)
lab*lab	1.0	1.0	1.0	(0.0)
lab*lab	1.0	1.0	1.0	(1.0)
lab*lab	0.0	0.0	0.0	(0.0)

$n^* = 1.0$

relative Buntheit c^*

0.25

0.50

0.75

1.00

relative Buntheit c^*

0.25

0.50

0.75

1.00

OG540-7, 5 stufige Reihen für konstanten CIELAB Buntton 136/360 = 0.378 (links)

Ausgabe: Farbmetrisches Fernseh-Licht-System TLS00

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

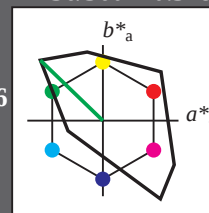
lab^*ch und lab^*nch

D65: Buntton L

LCH*Ma: 84 115 136

olv*Ma: 0.0 1.0 0.0

Dreiecks-Helligkeit t^*



%Umfang

$u^*_{rel} = 158$

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

relative Natural Colour (NC)

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

relative Inform. Technology (IT)

olvi3*	0.75	0.75	0.75	(1.0)
olvi3*	0.25	0.25	0.25	(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)
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	

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	0.75	0.75	(1.0)
lab*lab	0.25	0.25	0.25	(0.0)
lab*lab	0.75	0.75	0.75	(1.0)
lab*lab	0.25	0.25	0.25	(0.0)

relative Natural Colour (NC)

lab*lab	0.75	0.75	0.75	(1.0)
lab*lab	0.25	0.25	0.25	(0.0)
lab*lab	0.75	0.75	0.75	(1.0)
lab*lab	0.25	0.25	0.25	(0.0)

relative Inform. Technology (IT)

olvi3*	0.75	0.75	0.75	(1.0)
olvi3*	0.25	0.25	0.25	(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)
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	

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	0.75	0.75	0.75	(1.0)
lab*lab	0.25	0.25	0.25	(0.0)
lab*lab	0.75	0.75	0.75	(1.0)
lab*lab	0.25	0.25	0.25	(0.0)

relative Natural Colour (NC)

lab*lab	0.75	0.75	0.75	(1.0)
lab*lab	0.25	0.25	0.25	(0.0)
lab*lab	0.75	0.75	0.75	(1.0)
lab*lab	0.25	0.25	0.25	(0.0)

relative Inform. Technology (IT)

olvi3*	0.75	0.75	0.75	(1.0)
olvi3*	0.25	0.25	0.25	(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)
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	

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	0.75	0.75	0.75	(1.0)
lab*lab	0.25	0.25	0.25	(0.0)
lab*lab	0.75	0.75	0.75	(1.0)
lab*lab	0.25	0.25	0.25	(0.0)

relative Natural Colour (NC)

lab*lab	0.75	0.75	0.75	(1.0)
lab*lab	0.25	0.25	0.25	(0.0)
lab*lab	0.75	0.75	0.75	(1.0)
lab*lab	0.25	0.25	0.25	(0.0)

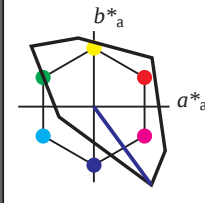
relative Inform. Technology (IT)				
olvi3*	0.0	0.0	0.0	(1.0)
cmyn3*	1.0	1.0	1.0	(0.0)
olvi4*	1.0	1.0	1.0	0.0
cmyn4*	0.0	0.0	0.0	1.0
standard and adapted CIELAB				
LAB*LAB	0.03	0.0	0.0	
D*L	0.03	0.0	0.0	

Eingabe: Farbmetrisches 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 t^*



%Umfang

$u^*_{rel} = 158$

relative Inform. Technology (IT)

olv3*	0.75	0.75	0.75	1.0	1.0
olv4*	0.25	0.25	0.25	0.0	0.0
olv5*	0.0	0.0	0.0	0.0	0.0
lab*lab	95.41	0.0	0.0	0.0	0.0
lab*tch	95.41	0.0	0.0	0.0	0.0
lab*nch	95.41	0.0	0.0	0.0	0.0

standard and adapted CIELAB

LAB*LAB	95.41	0.0	0.0	0.0	0.0
LAB*tch	95.41	0.0	0.0	0.0	0.0
LAB*nch	95.41	0.0	0.0	0.0	0.0

relative CIELAB lab*

lab*lab	0.83	0.148	-0.2	0.0	0.0
lab*tch	0.875	0.25	0.851	0.0	0.0
lab*nch	0.0	0.0	0.0	0.0	0.0

relative Natural Colour (NC)

lab*lab	0.83	0.148	-0.221	0.0	0.0
lab*tch	0.875	0.25	0.826	0.0	0.0
lab*nch	0.0	0.0	0.0	0.0	0.0

relative Inform. Technology (IT)

olv3*	0.75	0.75	0.75	1.0	1.0
olv4*	0.25	0.25	0.25	0.0	0.0
olv5*	0.0	0.0	0.0	0.0	0.0
lab*lab	71.57	0.0	0.0	0.0	0.0
lab*tch	71.57	0.0	0.0	0.0	0.0
lab*nch	71.57	0.0	0.0	0.0	0.0

standard and adapted CIELAB

LAB*LAB	71.57	0.0	0.0	0.0	0.0
LAB*tch	71.57	0.0	0.0	0.0	0.0
LAB*nch	71.57	0.0	0.0	0.0	0.0

relative CIELAB lab*

lab*lab	0.659	0.296	-0.402	0.0	0.0
lab*tch	0.675	0.5	0.851	0.0	0.0
lab*nch	0.0	0.0	0.0	0.0	0.0

relative Natural Colour (NC)

lab*lab	0.659	0.23	-0.443	0.0	0.0
lab*tch	0.675	0.5	0.826	0.0	0.0
lab*nch	0.0	0.0	0.0	0.0	0.0

relative Inform. Technology (IT)

olv3*	0.75	0.75	0.75	1.0	1.0
olv4*	0.25	0.25	0.25	0.0	0.0
olv5*	0.0	0.0	0.0	0.0	0.0
lab*lab	55.31	0.0	0.0	0.0	0.0
lab*tch	55.31	0.0	0.0	0.0	0.0
lab*nch	55.31	0.0	0.0	0.0	0.0

standard and adapted CIELAB

LAB*LAB	55.31	0.0	0.0	0.0	0.0
LAB*tch	55.31	0.0	0.0	0.0	0.0
LAB*nch	55.31	0.0	0.0	0.0	0.0

relative CIELAB lab*

lab*lab	0.489	0.444	-0.603	0.0	0.0
lab*tch	0.5	0.5	0.851	0.0	0.0
lab*nch	0.0	0.0	0.0	0.0	0.0

relative Natural Colour (NC)

lab*lab	0.489	0.344	-0.665	0.0	0.0
lab*tch	0.5	0.5	0.826	0.0	0.0
lab*nch	0.0	0.0	0.0	0.0	0.0

relative Inform. Technology (IT)

olv3*	0.75	0.75	0.75	1.0	1.0
olv4*	0.25	0.25	0.25	0.0	0.0
olv5*	0.0	0.0	0.0	0.0	0.0
lab*lab	47.72	0.0	0.0	0.0	0.0
lab*tch	47.72	0.0	0.0	0.0	0.0
lab*nch	47.72	0.0	0.0	0.0	0.0

standard and adapted CIELAB

LAB*LAB	47.72	0.0	0.0	0.0	0.0
LAB*tch	47.72	0.0	0.0	0.0	0.0
LAB*nch	47.72	0.0	0.0	0.0	0.0

relative CIELAB lab*

lab*lab	0.489	0.296	-0.402	0.0	0.0
lab*tch	0.5	0.5	0.851	0.0	0.0
lab*nch	0.0	0.0	0.0	0.0	0.0

relative Natural Colour (NC)

lab*lab	0.489	0.23	-0.443	0.0	0.0
lab*tch	0.5	0.5	0.826	0.0	0.0
lab*nch	0.0	0.0	0.0	0.0	0.0

relative Inform. Technology (IT)

olv3*	0.75	0.75	0.75	1.0	1.0
olv4*	0.25	0.25	0.25	0.0	0.0
olv5*	0.0	0.0	0.0	0.0	0.0
lab*lab	31.46	0.0	0.0	0.0	0.0
lab*tch	31.46	0.0	0.0	0.0	0.0
lab*nch	31.46	0.0	0.0	0.0	0.0

standard and adapted CIELAB

LAB*LAB	31.46	0.0	0.0	0.0	0.0
LAB*tch	31.46	0.0	0.0	0.0	0.0
LAB*nch	31.46	0.0	0.0	0.0	0.0

relative CIELAB lab*

lab*lab	0.33	0.148	-0.201	0.0	0.0
lab*tch	0.375	0.25	0.851	0.0	0.0
lab*nch	0.0	0.0	0.0	0.0	0.0

relative Natural Colour (NC)

lab*lab	0.33	0.115	-0.221	0.0	0.0
lab*tch	0.375	0.25	0.826	0.0	0.0
lab*nch	0.0	0.0	0.0	0.0	0.0

relative Inform. Technology (IT)

olv3*	0.75	0.75	0.75	1.0	1.0
olv4*	0.25	0.25	0.25	0.0	0.0
olv5*	0.0	0.0	0.0	0.0	0.0
lab*lab	23.87	0.0	0.0	0.0	0.0
lab*tch	23.87	0.0	0.0	0.0	0.0
lab*nch	23.87	0.0	0.0	0.0	0.0

standard and adapted CIELAB

LAB*LAB	23.87	0.0	0.0	0.0	0.0
LAB*tch	23.87	0.0	0.0	0.0	0.0
LAB*nch	23.87	0.0	0.0	0.0	0.0

relative CIELAB lab*

lab*lab	0.239	0.444	-0.603	0.0	0.0
lab*tch	0.25	0.5	0.851	0.0	0.0
lab*nch	0.0	0.0	0.0	0.0	0.0

relative Natural Colour (NC)

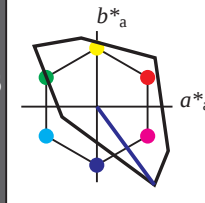
lab*lab	0.239	0.344	-0.665	0.0	0.0
lab*tch	0.25	0.5	0.826	0.0	0.0
lab*nch	0.0	0.0	0.0	0.0	0.0

Ausgabe: Farbmetrisches 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 t^*



%Umfang

$u^*_{rel} = 158$

relative Inform. Technology (IT)

olv3*	0.75	0.75	0.75	1.0	1.0
olv4*	0.25	0.25	0.25	0.0	0.0
olv5*	0.0	0.0	0.0	0.0	0.0
lab*lab	95.41	0.0	0.0	0.0	0.0
lab*tch	95.41	0.0	0.0	0.0	0.0
lab*nch	95.41	0.0	0.0	0.0	0.0

standard and adapted CIELAB

LAB*LAB	95.41	0.0	0.0	0.0	0.0
LAB*tch	95.41	0.0	0.0	0.0	0.0
LAB*nch	95.41	0.0	0.0	0.0	0.0

relative CIELAB lab*

lab*lab	0.83	0.148	-0.2	0.0	0.0
lab*tch	0.875	0.25	0.851	0.0	0.0
lab*nch	0.0	0.0	0.0	0.0	0.0

relative Natural Colour (NC)

lab*lab	0.83	0.115	-0.221	0.0	0.0
lab*tch	0.875	0.25	0.826	0.0	0.0
lab*nch	0.0	0.0	0.0	0.0	0.0

relative Inform. Technology (IT)

olv3*	0.75	0.75	0.75	1.0	1.0
olv4*	0.25	0.25	0.25	0.0	0.0
olv5*	0.0	0.0	0.0	0.0	0.0
lab*lab	71.57	0.0	0.0	0.0	0.0
lab*tch	71.57	0.0	0.0	0.0	0.0
lab*nch	71.57	0.0	0.0	0.0	0.0

standard and adapted CIELAB

LAB*LAB	71.57	0.0	0.0	0.0	0.0
LAB*tch	71.57	0.0	0.0	0.0	0.0
LAB*nch	71.57	0.0	0.0	0.0	0.0

relative CIELAB lab*

lab*lab	0.659	0.296	-0.402	0.0	0.0
lab*tch	0.675	0.5	0.851	0.0	0.0
lab*nch	0.0	0.0	0.0	0.0	0.0

relative Natural Colour (NC)

lab*lab	0.659	0.23	-0.443	0.0	0.0
lab*tch	0.675	0.5	0.826	0.0	0.0
lab*nch	0.0	0.0	0.0	0.0	0.0

relative Inform. Technology (IT)

olv3*	0.75	0.75	0.75	1.0	1.0
olv4*	0.25	0.25	0.25	0.0	0.0
olv5*	0.0	0.0	0.0	0.0	0.0
lab*lab	55.31	0.0	0.0	0.0	0.0
lab*tch	55.31	0.0	0.0	0.0	0.0
lab*nch	55.31	0.0	0.0	0.0	0.0

standard and adapted CIELAB

LAB*LAB	55.31	0.0	0.0	0.0	0.0
LAB*tch	55.31	0.0	0.0	0.0	0.0
LAB*nch	55.31	0.0	0.0	0.0	0.0

relative CIELAB lab*

lab*lab	0.489	0.444	-0.603	0.0	0.0
lab*tch	0.5	0.5	0.851	0.0	0.0
lab*nch	0.0	0.0	0.0	0.0	0.0

relative Natural Colour (NC)

lab*lab	0.489	0.344	-0.665	0.0	0.0
lab*tch	0.5	0.5	0.826	0.0	0.0
lab*nch	0.0	0.0	0.0	0.0	0.0

relative Inform. Technology (IT)

olv3*	0.75	0.75	0.75	1.0	1.0
olv4*	0.25	0.25	0.25	0.0	0.0
olv5*	0.0	0.0	0.0	0.0	0.0
lab*lab	47.72	0.0	0.0	0.0	0.0
lab*tch	47.72	0.0	0.0	0.0	0.0
lab*nch	47.72	0.0	0.0	0.0	0.0

standard and adapted CIELAB

LAB*LAB	47.72	0.0	0.0	0.0	0.0
LAB*tch	47.72	0.0	0.0	0.0	0.0
LAB*nch	47.72	0.0	0.0	0.0	0.0

relative CIELAB lab*

lab*lab	0.489	0.296	-0.402	0.0	0.0
lab*tch	0.5	0.5	0.851	0.0	0.0
lab*nch	0.0	0.0	0.0	0.0	0.0

relative Natural Colour (NC)

lab*lab	0.489	0.23	-0.443	0.0	0.0
lab*tch	0.5	0.5	0.826	0.0	0.0
lab*nch	0.0	0.0	0.0	0.0	0.0

relative Inform. Technology (IT)

olv3*	0.75	0.75	0.75	1.0	1.0
olv4*	0.25	0.25	0.25	0.0	0.0
olv5*	0.0	0.0	0.0	0.0	0.0
lab*lab	31.46	0.0	0.0	0.0	0.0
lab*tch	31.46	0.0	0.0	0.0	0.0
lab*nch	31.46	0.0	0.0	0.0	0.0

standard and adapted CIELAB

LAB*LAB	31.46	0.0	0.0	0.0	0.0
LAB*tch	31.46	0.0	0.0	0.0	0.0
LAB*nch	31.46	0.0	0.0	0.0	0.0

relative CIELAB lab*

lab*lab	0.33	0.148	-0.201	0.0	0.0
lab*tch	0.375	0.25	0.851	0.0	0.0
lab*nch	0.0	0.0	0.0	0.0	0.0

relative Natural Colour (NC)

lab*lab	0.33	0.115	-0.221	0.0	0.0
lab*tch	0.375	0.25	0.826	0.0	0.0
lab*nch	0.0	0.0	0.0	0.0	0.0

relative Inform. Technology (IT)

olv3*	0.75	0.75	0.75	1.0	1.0
olv4*	0.25	0.25	0.25	0.0	0.0
olv5*	0.0	0.0	0.0	0.0	0.0
lab*lab	23.87	0.0	0.0	0.0	0.0
lab*tch	23.87	0.0	0.0	0.0	0.0
lab*nch	23.87	0.0	0.0	0.0	0.0

input: $cmy0^*$ s
 output: $cmy0^*$ L

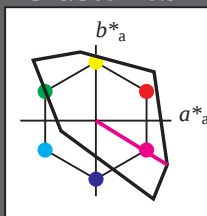
Eingabe: Farbmetrisches Fernseh-Licht-System TLS00

für Buntton $h^* = lab^*h = 328/360 = 0.912$

lab^*ch und lab^*nch

D65: Buntton M
LCH*Ma: 57 111 328
olv*Ma: 1.0 0.0 1.0

Dreiecks-Helligkeit t^*



%Umfang

$u^*_{rel} = 158$

relative Inform. Technology (IT)

olv3*	1.0	1.0	1.0	(1.0)
olv3*	0.0	0.0	0.0	(0.0)
olv4*	1.0	1.0	1.0	(1.0)
olv4*	0.0	0.0	0.0	(0.0)
olv4*	0.0	0.0	0.0	(0.0)
olv4*	0.0	0.0	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	
LAB*LAB	95.41	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	1.0	0.0	0.0	
lab*lab	1.0	0.0	0.0	
lab*lab	1.0	0.0	0.0	

relative Natural Colour (NC)

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

relative Inform. Technology (IT)

olv3*	0.75	0.75	0.75	(1.0)
olv3*	0.25	0.25	0.25	(0.0)
olv4*	1.0	1.0	1.0	(1.0)
olv4*	0.0	0.0	0.0	(0.0)
olv4*	0.0	0.0	0.0	(0.0)
olv4*	0.0	0.0	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	
LAB*LAB	71.57	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	0.75	0.75	(1.0)
lab*lab	0.25	0.25	0.25	(0.0)
lab*lab	1.0	1.0	1.0	(1.0)
lab*lab	0.0	0.0	0.0	(0.0)
lab*lab	0.0	0.0	0.0	(0.0)
lab*lab	0.0	0.0	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	
LAB*LAB	71.57	0.0	0.0	

relative Natural Colour (NC)

lab*lab	0.75	0.75	0.75	(1.0)
lab*lab	0.25	0.25	0.25	(0.0)
lab*lab	1.0	1.0	1.0	(1.0)
lab*lab	0.0	0.0	0.0	(0.0)
lab*lab	0.0	0.0	0.0	(0.0)
lab*lab	0.0	0.0	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	
LAB*LAB	71.57	0.0	0.0	

relative Inform. Technology (IT)

olv3*	0.5	0.5	0.5	(0.0)
olv3*	0.5	0.5	0.5	(0.0)
olv4*	1.0	1.0	1.0	(1.0)
olv4*	0.0	0.0	0.0	(0.0)
olv4*	0.0	0.0	0.0	(0.0)
olv4*	0.0	0.0	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	
LAB*LAB	47.72	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	0.5	0.5	(0.0)
lab*lab	0.5	0.5	0.5	(0.0)
lab*lab	1.0	1.0	1.0	(1.0)
lab*lab	0.0	0.0	0.0	(0.0)
lab*lab	0.0	0.0	0.0	(0.0)
lab*lab	0.0	0.0	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	
LAB*LAB	47.72	0.0	0.0	

relative Natural Colour (NC)

lab*lab	0.5	0.5	0.5	(0.0)
lab*lab	0.5	0.5	0.5	(0.0)
lab*lab	1.0	1.0	1.0	(1.0)
lab*lab	0.0	0.0	0.0	(0.0)
lab*lab	0.0	0.0	0.0	(0.0)
lab*lab	0.0	0.0	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	
LAB*LAB	47.72	0.0	0.0	

relative Inform. Technology (IT)

olv3*	0.25	0.25	0.25	(1.0)
olv3*	0.75	0.75	0.75	(0.0)
olv4*	1.0	1.0	1.0	(1.0)
olv4*	0.0	0.0	0.0	(0.0)
olv4*	0.0	0.0	0.0	(0.0)
olv4*	0.0	0.0	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	
LAB*LAB	23.87	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	0.25	0.25	0.25	(1.0)
lab*lab	0.75	0.75	0.75	(0.0)
lab*lab	1.0	1.0	1.0	(1.0)
lab*lab	0.0	0.0	0.0	(0.0)
lab*lab	0.0	0.0	0.0	(0.0)
lab*lab	0.0	0.0	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	
LAB*LAB	23.87	0.0	0.0	

relative Natural Colour (NC)

lab*lab	0.25	0.25	0.25	(1.0)
lab*lab	0.75	0.75	0.75	(0.0)
lab*lab	1.0	1.0	1.0	(1.0)
lab*lab	0.0	0.0	0.0	(0.0)
lab*lab	0.0	0.0	0.0	(0.0)
lab*lab	0.0	0.0	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	
LAB*LAB	23.87	0.0	0.0	

relative Inform. Technology (IT)

olv3*	0.0	0.0	0.0	(1.0)
olv3*	0.0	0.0	0.0	(0.0)
olv4*	1.0	1.0	1.0	(1.0)
olv4*	0.0	0.0	0.0	(0.0)
olv4*	0.0	0.0	0.0	(0.0)
olv4*	0.0	0.0	0.0	(0.0)
LAB*LAB	0.03	0.0	0.0	
LAB*LAB	0.03	0.0	0.0	
LAB*LAB	0.03	0.0	0.0	
LAB*LAB	0.03	0.0	0.0	

standard and adapted CIELAB

LAB*LAB	0.03	0.0	0.0	
LAB*LAB	0.03	0.0	0.0	
LAB*LAB	0.03	0.0	0.0	
LAB*LAB	0.03	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	

OG540-7, 5 stufige Reihen für konstanten CIELAB Buntton 328/360 = 0.912 (links)

BAM-Prüfvorlage OG54; Farbmetrik-Systeme TLS00 & TLS00 input: cmy0* setcmykcolor

D65: 2 Koordinatendaten von 5stufigen Farbreihen für 10 Bunttöne output: cmy0* / 000n* setcmykcolor

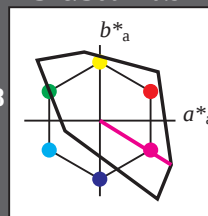
Ausgabe: Farbmetrisches Fernseh-Licht-System TLS00

für Buntton $h^* = lab^*h = 328/360 = 0.912$

lab^*ch und lab^*nch

D65: Buntton M
LCH*Ma: 57 111 328
olv*Ma: 1.0 0.0 1.0

Dreiecks-Helligkeit t^*



%Umfang

$u^*_{rel} = 158$

relative Inform. Technology (IT)

olv3*	1.0	1.0	1.0	(1.0)
olv3*	0.0	0.0	0.0	(0.0)
olv4*	1.0	1.0	1.0	(1.0)
olv4*	0.0	0.0	0.0	(0.0)
olv4*	0.0	0.0	0.0	(0.0)
olv4*	0.0	0.0	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	
LAB*LAB	95.41	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	1.0	0.0	0.0	
lab*lab	1.0	0.0	0.0	
lab*lab	1.0	0.0	0.0	

relative Natural Colour (NC)

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

relative Inform. Technology (IT)

olv3*	0.75	0.75	0.75	(1.0)
olv3*	0.25	0.25	0.25	(0.0)
olv4*	1.0	1.0	1.0	(1.0)
olv4*	0.0	0.0	0.0	(0.0)
olv4*	0.0	0.0	0.0	(0.0)
olv4*	0.0	0.0	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	
LAB*LAB	71.57	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	0.75	0.75	(1.0)
lab*lab	0.25	0.25	0.25	(0.0)
lab*lab	1.0	1.0	1.0	(1.0)
lab*lab	0.0	0.0	0.0	(0.0)
lab*lab	0.0	0.0	0.0	(0.0)
lab*lab	0.0	0.0	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	
LAB*LAB	71.57	0.0	0.0	

relative Natural Colour (NC)

lab*lab	0.75	0.75	0.75	(1.0)
lab*lab	0.25	0.25	0.25	(0.0)
lab*lab	1.0	1.0	1.0	(1.0)
lab*lab	0.0	0.0	0.0	(0.0)
lab*lab	0.0	0.0	0.0	(0.0)
lab*lab	0.0	0.0	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	
LAB*LAB	71.57	0.0	0.0	

relative Inform. Technology (IT)

olv3*	0.5	0.5	0.5	(0.0)
olv3*	0.5	0.5	0.5	(0.0)
olv4*	1.0	1.0	1.0	(1.0)
olv4*	0.0	0.0	0.0	(0.0)
olv4*	0.0	0.0	0.0	(0.0)
olv4*	0.0	0.0	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	
LAB*LAB	47.72	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	0.5	0.5	(0.0)
lab*lab	0.5	0.5	0.5	(0.0)
lab*lab	1.0	1.0	1.0	(1.0)
lab*lab	0.0	0.0	0.0	(0.0)
lab*lab	0.0	0.0	0.0	(0.0)
lab*lab	0.0	0.0	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	
LAB*LAB	47.72	0.0	0.0	

relative Natural Colour (NC)

lab*lab

1,00

Siehe ähnliche Dateien: <http://www.ps.bam.de/OG54>,
Technische Information: <http://www.ps.bam.de> Version 1.0

BAM-Registrierung: 20060101-OG5410S/554G06H
Anwendung für Beurteilung und Messung von Druck

PDF B&M-Material: Code=rha4ta
der Monitorsystemen

-8
6

QG540-7, 5 stufige Reihen für konstanten CIELAB Buntton $25/360 = 0.071$ (links)

BAM-Prüfvorlage OG54; Farbmatrik-Systeme TLS00 & TLS00 input: *cmy0* setcmykcolor*

D65: 2 Koordinatendaten von 5stufigen Farbreihen für 10 Bunttöne: `cmY0* / 000n* setcmykcolor`

5 stufige Reihen für konstanten CIELAB Buntton $25/360 = 0.071$ (rechts)

0 & TLS00 input: *cmY0* setcmykcolor*

```
for 10 Bunttonen: output: cmy0* / 000n* setcmykcolor
```

Eingabe: Farbmetrisches Fernseh-Licht-System TLS00

für Buntton $h^* = lab^*h = 92/360 = 0.256$

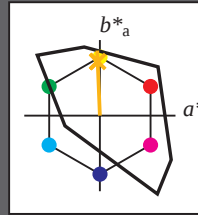
lab^*ch und lab^*nch

D65: Buntton J

LCH*Ma: 85 86 92

olv*Ma: 1.0 0.82 0.0

Dreiecks-Helligkeit t^*



%Umfang

$u^*_{rel} = 158$

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	(1.0)
cmyn4*	0.0	0.0	0.0	(0.0)
LAB*LAB	95.41	0.0	0.0	
LAB*LABa	95.41	0.0	0.0	
LAB*TCHa	99.99	0.01	0.0	

relative Inform. Technology (IT)

olv3*	1.0	0.956	0.75	(1.0)
cmyn3*	0.0	0.044	0.25	(0.0)
olv4*	1.0	0.956	0.75	(1.0)
cmyn4*	0.0	0.044	0.25	(0.0)
LAB*LAB	92.86	-0.87	21.53	
LAB*LABa	92.86	-0.87	21.53	
LAB*TCHa	97.5	21.54	92.33	

relative Inform. Technology (IT)

olv3*	1.0	0.912	0.5	(1.0)
cmyn3*	0.0	0.088	0.5	(0.0)
olv4*	1.0	0.912	0.5	(1.0)
cmyn4*	0.0	0.088	0.5	(0.0)
LAB*LAB	90.31	-1.74	43.06	
LAB*LABa	90.31	-1.74	43.06	
LAB*TCHa	75.0	43.09	92.32	

relative Inform. Technology (IT)

olv3*	1.0	0.868	0.25	(1.0)
cmyn3*	0.0	0.132	0.25	(0.0)
olv4*	1.0	0.868	0.25	(1.0)
cmyn4*	0.0	0.132	0.25	(0.0)
LAB*LAB	87.76	-2.61	64.59	
LAB*LABa	87.76	-2.61	64.59	
LAB*TCHa	62.5	64.64	92.32	

relative Inform. Technology (IT)

olv3*	1.0	0.824	0.0	(1.0)
cmyn3*	0.0	0.176	0.0	(0.0)
olv4*	1.0	0.824	0.0	(1.0)
cmyn4*	0.0	0.176	0.0	(0.0)
LAB*LAB	85.22	-3.47	86.11	
LAB*LABa	85.22	-3.47	86.11	
LAB*TCHa	50.0	86.18	92.32	

relative Inform. Technology (IT)

olv3*	0.75	0.618	0.0	(1.0)
cmyn3*	0.25	0.382	0.0	(0.0)
olv4*	1.0	0.912	0.5	(1.0)
cmyn4*	0.0	0.088	0.5	(0.0)
LAB*LAB	66.47	-1.73	43.06	
LAB*LABa	66.47	-1.73	43.06	
LAB*TCHa	50.0	43.1	92.31	

relative Inform. Technology (IT)

olv3*	0.5	0.456	0.25	(1.0)
cmyn3*	0.5	0.544	0.75	(0.0)
olv4*	1.0	0.956	0.75	(1.0)
cmyn4*	0.0	0.044	0.25	(0.0)
LAB*LAB	45.16	-0.86	21.53	
LAB*LABa	45.16	-0.86	21.53	
LAB*TCHa	37.5	21.55	92.31	

relative Inform. Technology (IT)

olv3*	0.25	0.382	0.0	(1.0)
cmyn3*	0.75	0.618	0.0	(0.0)
olv4*	1.0	0.868	0.25	(1.0)
cmyn4*	0.0	0.132	0.25	(0.0)
LAB*LAB	66.47	-1.73	43.06	
LAB*LABa	66.47	-1.73	43.06	
LAB*TCHa	50.0	43.1	92.31	

relative Inform. Technology (IT)

olv3*	0.5	0.456	0.25	(1.0)
cmyn3*	0.5	0.544	0.75	(0.0)
olv4*	1.0	0.956	0.75	(1.0)
cmyn4*	0.0	0.044	0.25	(0.0)
LAB*LAB	45.16	-0.86	21.53	
LAB*LABa	45.16	-0.86	21.53	
LAB*TCHa	37.5	21.55	92.31	

relative Inform. Technology (IT)

olv3*	0.25	0.382	0.0	(1.0)
cmyn3*	0.75	0.618	0.0	(0.0)
olv4*	1.0	0.868	0.25	(1.0)
cmyn4*	0.0	0.132	0.25	(0.0)
LAB*LAB	66.47	-1.73	43.06	
LAB*LABa	66.47	-1.73	43.06	
LAB*TCHa	50.0	43.1	92.31	

relative Inform. Technology (IT)

olv3*	0.5	0.456	0.25	(1.0)
cmyn3*	0.5	0.544	0.75	(0.0)
olv4*	1.0	0.956	0.75	(1.0)
cmyn4*	0.0	0.044	0.25	(0.0)
LAB*LAB	45.16	-0.86	21.53	
LAB*LABa	45.16	-0.86	21.53	
LAB*TCHa	37.5	21.55	92.31	

relative Inform. Technology (IT)

olv3*	0.25	0.382	0.0	(1.0)
cmyn3*	0.75	0.618	0.0	(0.0)
olv4*	1.0	0.868	0.25	(1.0)
cmyn4*	0.0	0.132	0.25	(0.0)
LAB*LAB	66.47	-1.73	43.06	
LAB*LABa	66.47	-1.73	43.06	
LAB*TCHa	50.0	43.1	92.31	

relative Inform. Technology (IT)

olv3*	0.5	0.456	0.25	(1.0)
cmyn3*	0.5	0.544	0.75	(0.0)
olv4*	1.0	0.956	0.75	(1.0)
cmyn4*	0.0	0.044	0.25	(0.0)
LAB*LAB	45.16	-0.86	21.53	
LAB*LABa	45.16	-0.86	21.53	
LAB*TCHa	37.5	21.55	92.31	

relative Inform. Technology (IT)

olv3*	0.25	0.382	0.0	(1.0)
cmyn3*	0.75	0.618	0.0	(0.0)
olv4*	1.0	0.868	0.25	(1.0)
cmyn4*	0.0	0.132	0.25	(0.0)
LAB*LAB	66.47	-1.73	43.06	
LAB*LABa	66.47	-1.73	43.06	
LAB*TCHa	50.0	43.1	92.31	

relative Inform. Technology (IT)

olv3*	0.5	0.456	0.25	(1.0)
cmyn3*	0.5	0.544	0.75	(0.0)
olv4*	1.0	0.956	0.75	(1.0)
cmyn4*	0.0	0.044	0.25	(0.0)
LAB*LAB	45.16	-0.86	21.53	
LAB*LABa	45.16	-0.86	21.53	
LAB*TCHa	37.5	21.55	92.31	

relative Inform. Technology (IT)

olv3*	0.25	0.382	0.0	(1.0)
cmyn3*	0.75	0.618	0.0	(0.0)
olv4*	1.0	0.868	0.25	(1.0)
cmyn4*	0.0	0.132	0.25	(0.0)
LAB*LAB	66.47	-1.73	43.06	
LAB*LABa	66.47	-1.73	43.06	
LAB*TCHa	50.0	43.1	92.31	

relative Inform. Technology (IT)

olv3*	0.5	0.456	0.25	(1.0)
cmyn3*	0.5	0.544	0.75	(0.0)
olv4*	1.0	0.956	0.75	(1.0)
cmyn4*	0.0	0.044	0.25	(0.0)
LAB*LAB	45.16	-0.86	21.53	
LAB*LABa	45.16	-0.86	21.53	
LAB*TCHa	37.5	21.55	92.31	

relative Inform. Technology (IT)

olv3*	0.25	0.382	0.0	(1.0)
cmyn3*	0.75	0.618	0.0	(0.0)
olv4*	1.0	0.868	0.25	(1.0)
cmyn4*	0.0	0.132	0.25	(0.0)
LAB*LAB	66.47	-1.73	43.06	
LAB*LABa	66.47	-1.73	43.06	
LAB*TCHa	50.0	43.1	92.31	

relative Inform. Technology (IT)

olv3*	0.5	0.456	0.25	(1.0)
cmyn3*	0.5	0.544	0.75	(0.0)
olv4*	1.0	0.956	0.75	(1.0)
cmyn4*	0.0	0.044	0.25	(0.0)
LAB*LAB	45.16	-0.86	21.53	
LAB*LABa	45.16	-0.86	21.53	
LAB*TCHa	37.5	21.55	92.31	

relative Inform. Technology (IT)

olv3*	0.25	0.382	0.0	(1.0)
cmyn3*	0.75	0.618	0.0	(0.0)
olv4*	1.0	0.868	0.25	(1.0)
cmyn4*	0.0	0.132	0.25	(0.0)
LAB*LAB	66.47	-1.73	43.06	
LAB*LABa	66.47	-1.73	43.06	
LAB*TCHa	50.0	43.1	92.31	

relative Inform. Technology (IT)

olv3*	0.5	0.456	0.25	(1.0)
cmyn3*	0.5	0.544	0.75	(0.0)
olv4*	1.0	0.956	0.75	(1.0)
cmyn4*	0.0	0.044	0.25	(0.0)
LAB*LAB	45.16	-0.86	21.53	
LAB*LABa	45.16	-0.86	21.53	
LAB*TCHa	37.5	21.55	92.31	

relative Inform. Technology (IT)

olv3*	0.25	0.382	0.0	(1.0)
cmyn3*	0.75	0.618	0.0	(0.0)
olv4*	1.0	0.868	0.25	(1.0)
cmyn4*	0.0	0.132	0.25	(0.0)
LAB*LAB	66.47	-1.73	43.06	
LAB*LABa	66.47	-1.73	43.06	
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0.25 0.75 1.00

= 0,25



Schwar

