

Eingabe: Farbmetrisches Fernseh-Licht-System TLS00

für Buntton $h^* = lab^*h = 40/360 = 0.111$

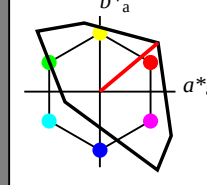
lab^*ch und lab^*nch

D65: Buntton O

LCH*Ma: 51 100 40

olv*Ma: 1.0 0.0 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	0.882	0.191	0.161	
lab*lab	0.882	0.191	0.161	
lab*lab	0.882	0.191	0.161	
lab*lab	0.882	0.191	0.161	

relative Natural Colour (NC)

lab*lab	0.882	0.191	0.161	
lab*lab	0.882	0.191	0.161	
lab*lab	0.882	0.191	0.161	
lab*lab	0.882	0.191	0.161	

relative Inform. Technology (IT)

olvi3*	1.0	0.5	0.5	(1.0)
olvi3*	0.0	0.5	0.5	(0.0)
olvi4*	1.0	0.5	0.5	(1.0)
olvi4*	0.0	0.5	0.5	(0.0)
olvi4*	0.0	0.5	0.5	(0.0)
olvi4*	0.0	0.5	0.5	(0.0)
LAB*Lab	72.95	38.45	32.27	
LAB*Lab	72.95	38.45	32.27	
LAB*Lab	72.95	38.45	32.27	
LAB*Lab	72.95	38.45	32.27	

standard and adapted CIELAB

LAB*Lab	72.95	38.45	32.27	
LAB*Lab	72.95	38.45	32.27	
LAB*Lab	72.95	38.45	32.27	
LAB*Lab	72.95	38.45	32.27	

relative CIELAB lab*

lab*lab	0.765	0.383	0.321	
lab*lab	0.765	0.383	0.321	
lab*lab	0.765	0.383	0.321	
lab*lab	0.765	0.383	0.321	

relative Natural Colour (NC)

lab*lab	0.765	0.383	0.321	
lab*lab	0.765	0.383	0.321	
lab*lab	0.765	0.383	0.321	
lab*lab	0.765	0.383	0.321	

relative Inform. Technology (IT)

olvi3*	1.0	0.5	0.5	(1.0)
olvi3*	0.0	0.5	0.5	(0.0)
olvi4*	1.0	0.5	0.5	(1.0)
olvi4*	0.0	0.5	0.5	(0.0)
olvi4*	0.0	0.5	0.5	(0.0)
olvi4*	0.0	0.5	0.5	(0.0)
LAB*Lab	61.72	57.68	48.41	
LAB*Lab	61.72	57.68	48.41	
LAB*Lab	61.72	57.68	48.41	
LAB*Lab	61.72	57.68	48.41	

standard and adapted CIELAB

LAB*Lab	61.72	57.68	48.41	
LAB*Lab	61.72	57.68	48.41	
LAB*Lab	61.72	57.68	48.41	
LAB*Lab	61.72	57.68	48.41	

relative CIELAB lab*

lab*lab	0.647	0.270	0.251	
lab*lab	0.647	0.270	0.251	
lab*lab	0.647	0.270	0.251	
lab*lab	0.647	0.270	0.251	

relative Natural Colour (NC)

lab*lab	0.647	0.270	0.251	
lab*lab	0.647	0.270	0.251	
lab*lab	0.647	0.270	0.251	
lab*lab	0.647	0.270	0.251	

relative Inform. Technology (IT)

olvi3*	1.0	0.5	0.5	(1.0)
olvi3*	0.0	0.5	0.5	(0.0)
olvi4*	1.0	0.5	0.5	(1.0)
olvi4*	0.0	0.5	0.5	(0.0)
olvi4*	0.0	0.5	0.5	(0.0)
olvi4*	0.0	0.5	0.5	(0.0)
LAB*Lab	50.75	76.9	64.54	
LAB*Lab	50.75	76.9	64.54	
LAB*Lab	50.75	76.9	64.54	
LAB*Lab	50.75	76.9	64.54	

standard and adapted CIELAB

LAB*Lab	50.75	76.9	64.54	
LAB*Lab	50.75	76.9	64.54	
LAB*Lab	50.75	76.9	64.54	
LAB*Lab	50.75	76.9	64.54	

relative CIELAB lab*

lab*lab	0.529	0.942	0.335	
lab*lab	0.529	0.942	0.335	
lab*lab	0.529	0.942	0.335	
lab*lab	0.529	0.942	0.335	

relative Natural Colour (NC)

lab*lab	0.529	0.942	0.335	
lab*lab	0.529	0.942	0.335	
lab*lab	0.529	0.942	0.335	
lab*lab	0.529	0.942	0.335	

relative Inform. Technology (IT)

olvi3*	0.5	0.5	0.5	(1.0)
olvi3*	0.0	0.5	0.5	(0.0)
olvi4*	1.0	1.0	1.0	(1.0)
olvi4*	0.0	1.0	1.0	(0.0)
olvi4*	0.0	1.0	1.0	(0.0)
olvi4*	0.0	1.0	1.0	(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	
LAB*Lab	88.98	0.0	0.0	

standard and adapted CIELAB

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

relative CIELAB lab*

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relative Natural Colour (NC)

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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	1.0	1.0	(0.0)
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olvi4*	0.0	1.0	1.0	(0.0)
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standard and adapted CIELAB

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relative Natural Colour (NC)

lab*lab	0.882	0.191	0.161	
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lab*lab	0.882	0.191	0.161	

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	1.0	1.0	(0.0)
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LAB*Lab	88.98	0.0	0.0	
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lab*lab	0.882	0.191	0.161	

relative Natural Colour (NC)

lab*lab	0.882	0.191	0.161	
lab*lab	0.882	0.191	0.161	
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lab*lab	0.882	0.191	0.161	

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	1.0	1.0	(0.0)
olvi4*	0.0	1.0	1.0	(0.0)
olvi4*	0.0	1.0	1.0	(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	
LAB*Lab	88.98	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	0.882	0.191	0.161	
lab*lab	0.882	0.191	0.161	
lab*lab	0.882	0.191	0.161	
lab*lab	0.882	0.191	0.161	

relative Natural Colour (NC)

lab*lab	0.882	0.191	0.161	
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lab*lab	0.882	0.191	0.161	
lab*lab	0.882	0.191	0.161	

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	1.0	1.0	(0.0)
olvi4*	0.0	1.0	1.0	(0.0)
olvi4*	0.0	1.0	1.0	(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	
LAB*Lab	88.98	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	0.882	0.191	0.161	
lab*lab	0.882	0.191	0.161	
lab*lab	0.882	0.191	0.161	
lab*lab	0.882	0.191	0.161	

relative Natural Colour (NC)

lab*lab	0.882	0.191	0.161	
lab*lab	0.882	0.191	0.161	
lab*lab	0.882	0.191	0.161	
lab*lab	0.882	0.191	0.161	

relative Inform. Technology (IT)

olvi3*	0.5	0.5	0.5	(1.0)
olvi3*	0.0	0.5	0.5	(0.0)
olvi4*	1.0	1.0	1.0	(1.0)
olvi4*	0.0	1.0	1.0	(0.0)
olvi4*	0.0	1.0	1.0	(0.0)
olvi4*	0.0	1.0	1.0	(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	
lab*lab	0.5	0.5	0.5	
lab*lab	0.5	0.5	0.5	
lab*lab	0.5	0.5	0.5	

relative Natural Colour (NC)

lab*lab	0.5	0.5	0.5	
lab*lab	0.5	0.5	0.5	
lab*lab	0.5	0.5	0.5	
lab*lab	0.5	0.5	0.5	

relative Inform. Technology (IT)

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Eingabe: Farbmetrisches Fernseh-Licht-System TLS00

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

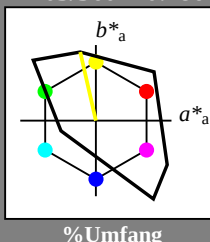
lab^*ch und lab^*nch

D65: Buntton Y

LCH*Ma: 93 93 103

olv*Ma: 1.0 1.0 0.0

Dreiecks-Helligkeit t^*



$u^*_{rel} = 158$

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)
standard and adapted CIELAB
LAB*LAB 95.41 0.0 0.0
LAB*LABa 95.41 0.0 0.0
LAB*LABb 95.41 0.0 0.0
LAB*LABc 95.41 0.0 0.0

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
relative Natural Colour (NC)
lab*tr 1.0 0.0 0.0
lab*tc 1.0 0.0 0.0
lab*nc 0.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.75 0.75 0.75 (1.0)
cmyn3* 0.25 0.25 0.25 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 71.57 0.0 0.0
LAB*LABa 71.57 0.0 0.0
LAB*LABb 71.57 0.0 0.0
LAB*LABc 71.57 0.0 0.0

relative CIELAB lab*
lab*lab 0.75 0.0 0.0
lab*ch 0.75 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*tr 0.75 0.0 0.0
lab*tc 0.75 0.0 0.0
lab*nc 0.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.5 0.5 0.5 (0.0)
cmyn3* 0.5 0.5 0.5 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 47.72 0.0 0.0
LAB*LABa 47.72 0.0 0.0
LAB*LABb 47.72 0.0 0.0
LAB*LABc 47.72 0.0 0.0

relative CIELAB lab*
lab*lab 0.5 0.0 0.0
lab*ch 0.5 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*tr 0.5 0.0 0.0
lab*tc 0.5 0.0 0.0
lab*nc 0.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.25 0.25 0.25 (1.0)
cmyn3* 0.75 0.75 0.75 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 23.87 0.0 0.0
LAB*LABa 23.87 0.0 0.0
LAB*LABb 23.87 0.0 0.0
LAB*LABc 23.87 0.0 0.0

relative CIELAB lab*
lab*lab 0.25 0.0 0.0
lab*ch 0.25 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*tr 0.25 0.0 0.0
lab*tc 0.25 0.0 0.0
lab*nc 0.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.25 0.25 0.25 (1.0)
cmyn3* 0.75 0.75 0.75 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 23.87 0.0 0.0
LAB*LABa 23.87 0.0 0.0
LAB*LABb 23.87 0.0 0.0
LAB*LABc 23.87 0.0 0.0

relative CIELAB lab*
lab*lab 0.25 0.0 0.0
lab*ch 0.25 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*tr 0.25 0.0 0.0
lab*tc 0.25 0.0 0.0
lab*nc 0.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.25 0.25 0.25 (1.0)
cmyn3* 0.75 0.75 0.75 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 23.87 0.0 0.0
LAB*LABa 23.87 0.0 0.0
LAB*LABb 23.87 0.0 0.0
LAB*LABc 23.87 0.0 0.0

relative CIELAB lab*
lab*lab 0.25 0.0 0.0
lab*ch 0.25 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*tr 0.25 0.0 0.0
lab*tc 0.25 0.0 0.0
lab*nc 0.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 1.0 (0.0)
olv4* 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
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LAB*LABc 0.0 0.0 0.0

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lab*ch 0.0 0.0 0.0
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relative Natural Colour (NC)
lab*tr 0.0 0.0 0.0
lab*tc 0.0 0.0 0.0
lab*nc 1.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 1.0 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
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standard and adapted CIELAB
LAB*LAB 0.0 0.0 0.0
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lab*ch 0.0 0.0 0.0
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lab*tr 0.0 0.0 0.0
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lab*nc 1.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (1.0)
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standard and adapted CIELAB
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relative CIELAB lab*
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lab*ch 0.0 0.0 0.0
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relative Natural Colour (NC)
lab*tr 0.0 0.0 0.0
lab*tc 0.0 0.0 0.0
lab*nc 1.0 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

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

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

relative Inform. Technology (IT)

olv3* 1.0 1.0 0.5 (1.0)
cmyn3* 0.0 0.0 0.5 (0.0)
olv4* 1.0 1.0 0.5 (1.0)
cmyn4* 0.0 0.0 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 94.03 -10.34 45.37
LAB*LABa 94.03 -10.34 45.37
LAB*LABb 94.03 -10.34 45.37
LAB*LABc 94.03 -10.34 45.37

relative CIELAB lab*
lab*lab 0.985 -0.11 0.487
lab*ch 0.75 0.5 0.286
lab*nch 0.0 0.5 0.286
relative Natural Colour (NC)
lab*tr 0.985 -0.11 0.486
lab*tc 0.75 0.5 0.286
lab*nc 0.0 0.5 0.286

relative Inform. Technology (IT)

olv3* 0.75 0.75 0.25 (1.0)
cmyn3* 0.25 0.25 0.75 (0.0)
olv4* 1.0 1.0 0.5 (1.0)
cmyn4* 0.0 0.0 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 70.19 -10.34 45.38
LAB*LABa 70.19 -10.34 45.38
LAB*LABb 70.19 -10.34 45.38
LAB*LABc 70.19 -10.34 45.38

relative CIELAB lab*
lab*lab 0.728 -0.166 0.731
lab*ch 0.625 0.75 0.286
lab*nch 0.0 0.75 0.286
relative Natural Colour (NC)
lab*tr 0.728 -0.166 0.729
lab*tc 0.625 0.75 0.286
lab*nc 0.0 0.75 0.286

relative Inform. Technology (IT)

olv3* 0.5 0.5 0.0 (1.0)
cmyn3* 0.5 0.5 0.0 (0.0)
olv4* 1.0 1.0 0.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 46.34 -10.34 45.37
LAB*LABa 46.34 -10.34 45.37
LAB*LABb 46.34 -10.34 45.37
LAB*LABc 46.34 -10.34 45.37

relative CIELAB lab*
lab*lab 0.493 -0.166 0.731
lab*ch 0.375 0.75 0.286
lab*nch 0.0 0.75 0.286
relative Natural Colour (NC)
lab*tr 0.493 -0.166 0.729
lab*tc 0.375 0.75 0.286
lab*nc 0.0 0.75 0.286

relative Inform. Technology (IT)

olv3* 0.25 0.25 0.0 (1.0)
cmyn3* 0.25 0.25 0.0 (0.0)
olv4* 1.0 1.0 0.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 23.87 -10.34 45.37
LAB*LABa 23.87 -10.34 45.37
LAB*LABb 23.87 -10.34 45.37
LAB*LABc 23.87 -10.34 45.37

relative CIELAB lab*
lab*lab 0.238 -0.166 0.731
lab*ch 0.238 0.75 0.286
lab*nch 0.0 0.75 0.286
relative Natural Colour (NC)
lab*tr 0.238 -0.166 0.729
lab*tc 0.238 0.75 0.286
lab*nc 0.0 0.75 0.286

relative Inform. Technology (IT)

olv3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 0.0 0.0 (0.0)
olv4* 1.0 0.0 0.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 0.0 -10.34 45.37
LAB*LABa 0.0 -10.34 45.37
LAB*LABb 0.0 -10.34 45.37
LAB*LABc 0.0 -10.34 45.37

relative CIELAB lab*
lab*lab 0.0 -0.166 0.731
lab*ch 0.0 0.75 0.286
lab*nch 0.0 0.75 0.286
relative Natural Colour (NC)
lab*tr 0.0 -0.166 0.729
lab*tc 0.0 0.75 0.286
lab*nc 0.0 0.75 0.286

relative Inform. Technology (IT)

olv3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 0.0 0.0 (0.0)
olv4* 1.0 0.0 0.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 0.0 -10.34 45.37
LAB*LABa 0.0 -10.34 45.37
LAB*LABb 0.0 -10.34 45.37
LAB*LABc 0.0 -10.34 45.37

relative CIELAB lab*
lab*lab 0.0 -0.166 0.731
lab*ch 0.0 0.75 0.286
lab*nch 0.0 0.75 0.286
relative Natural Colour (NC)
lab*tr 0.0 -0.166 0.729
lab*tc 0.0 0.75 0.286
lab*nc 0.0 0.75 0.286

relative Inform. Technology (IT)

olv3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 0.0 0.0 (0.0)
olv4* 1.0 0.0 0.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 0.0 -10.34 45.37
LAB*LABa 0.0 -10.34 45.37
LAB*LABb 0.0 -10.34 45.37
LAB*LABc 0.0 -10.34 45.37

relative CIELAB lab*
lab*lab 0.0 -0.166 0.731
lab*ch 0.0 0.75 0.286
lab*nch 0.0 0.75 0.286
relative Natural Colour (NC)
lab*tr 0.0 -0.166 0.729
lab*tc 0.0 0.75 0.286
lab*nc 0.0 0.75 0.286

relative Inform. Technology (IT)

olv3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 0.0 0.0 (0.0)
olv4* 1.0 0.0 0.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 0.0 -10.34 45.37
LAB*LABa 0.0 -10.34 45.37
LAB*LABb 0.0 -10.34 45.37
LAB*LABc 0.0 -10.34 45.37

relative CIELAB lab*
lab*lab 0.0 -0.166 0.731
lab*ch 0.0 0.75 0.286
lab*nch 0.0 0.75 0.286
relative Natural Colour (NC)
lab*tr 0.0 -0.166 0.729
lab*tc 0.0 0.75 0.286
lab*nc 0.0 0.75 0.286

Ausgabe: Farbmetrisches Fernseh-Licht-System TLS70

für Buntton $h^* = lab^*h = 107/360 = 0.298$

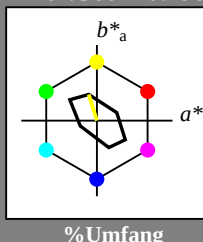
lab^*ch und lab^*nch

D65: Buntton Y

LCH*Ma: 94 36 107

olv*Ma: 1.0 1.0 0.0

Dreiecks-Helligkeit t^*



$u^*_{rel} = 16$

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)
standard and adapted CIELAB
LAB*LAB 95.41 0.0 0.0
LAB*LABa 95.41 0.0 0.0
LAB*LABb 95.41 0.0 0.0
LAB*LABc 95.41 0.0 0.0

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
relative Natural Colour (NC)
lab*tr 1.0 0.0 0.0
lab*tc 1.0 0.0 0.0
lab*nc 0.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.75 0.75 0.75 (1.0)
cmyn3* 0.25 0.25 0.25 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 71.57 0.0 0.0
LAB*LABa 71.57 0.0 0.0
LAB*LABb 71.57 0.0 0.0
LAB*LABc 71.57 0.0 0.0

relative CIELAB lab*
lab*lab 0.75 0.0 0.0
lab*ch 0.75 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*tr 0.75 0.0 0.0
lab*tc 0.75 0.0 0.0
lab*nc 0.0 0.0 0.0

relative Inform. Technology (IT)
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 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 47.72 0.0 0.0
LAB*LABa 47.72 0.0 0.0
LAB*LABb 47.72 0.0 0.0
LAB*LABc 47.72 0.0 0.0

relative CIELAB lab*
lab*lab 0.5 0.0 0.0
lab*ch 0.5 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*tr 0.5 0.0 0.0
lab*tc 0.5 0.0 0.0
lab*nc 0.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.25 0.25 0.25 (1.0)
cmyn3* 0.75 0.75 0.75 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 23.87 0.0 0.0
LAB*LABa 23.87 0.0 0.0
LAB*LABb 23.87 0.0 0.0
LAB*LABc 23.87 0.0 0.0

relative CIELAB lab*
lab*lab 0.25 0.0 0.0
lab*ch 0.25 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*tr 0.25 0.0 0.0
lab*tc 0.25 0.0 0.0
lab*nc 0.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.25 0.25 0.25 (1.0)
cmyn3* 0.75 0.75 0.75 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 23.87 0.0 0.0
LAB*LABa 23.87 0.0 0.0
LAB*LABb 23.87 0.0 0.0
LAB*LABc 23.87 0.0 0.0

relative CIELAB lab*
lab*lab 0.25 0.0 0.0
lab*ch 0.25 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*tr 0.25 0.0 0.0
lab*tc 0.25 0.0 0.0
lab*nc 0.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 0.0 0.0 (0.0)
olv4* 1.0 0.0 0.0 (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

relative CIELAB lab*
lab*lab 0.0 0.0 0.0
lab*ch 0.0 0.0 0.0
lab*nch 1.0 0.0 0.0
relative Natural Colour (NC)
lab*tr 0.0 0.0 0.0
lab*tc 0.0 0.0 0.0
lab*nc 1.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 0.0 0.0 (0.0)
olv4* 1.0 0.0 0.0 (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

relative CIELAB lab*
lab*lab 0.0 0.0 0.0
lab*ch 0.0 0.0 0.0
lab*nch 1.0 0.0 0.0
relative Natural Colour (NC)
lab*tr 0.0 0.0 0.0
lab*tc 0.0 0.0 0.0
lab*nc 1.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 0.0 0.0 (0.0)
olv4* 1.0 0.0 0.0 (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

relative CIELAB lab*
lab*lab 0.0 0.0 0.0
lab*ch 0.0 0.0 0.0
lab*nch 1.0 0.0 0.0
relative Natural Colour (NC)
lab*tr 0.0 0.0 0.0
lab*tc 0.0 0.0 0.0
lab*nc 1.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 0.0 0.0 (0.0)
olv4* 1.0 0.0 0.0 (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

relative CIELAB lab*
lab*lab 0.0 0.0 0.0
lab*ch 0.0 0.0 0.0
lab*nch 1.0 0.0 0.0
relative Natural Colour (NC)
lab*tr 0.0 0.0 0.0
lab*tc 0.0 0.0 0.0
lab*nc 1.0 0.0 0.0

TLS70; adaptierte CIELAB-Daten

	$L^*=L^*_a$	a^*_a
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Eingabe: Farbmetrisches Fernseh-Licht-System TLS00

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

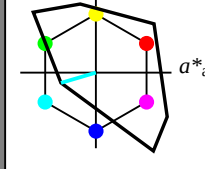
lab^*ch und lab^*nch

D65: Buntton C

LCH*Ma: 87 48 196

olv*Ma: 0.0 1.0 1.0

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*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 Inform. Technology (IT)
olv3* 0.75 1.0 1.0 (1.0)
cmyn3* 0.25 0.0 0.0 (0.0)
olv4* 0.75 1.0 1.0 (1.0)
cmyn4* 0.25 0.0 0.0 (0.0)
LAB*Lab 93.27 -11.53 -3.38
LAB*Lab 93.27 -11.53 -3.38
LAB*Lab 93.27 -11.53 -3.38
LAB*Lab 93.27 -11.53 -3.38

standard and adapted CIELAB
LAB*Lab 93.27 -11.53 -3.38
LAB*Lab 93.27 -11.53 -3.38
LAB*Lab 93.27 -11.53 -3.38
LAB*Lab 93.27 -11.53 -3.38

relative Inform. Technology (IT)
olv3* 0.5 1.0 1.0 (1.0)
cmyn3* 0.5 0.0 0.0 (0.0)
olv4* 0.5 1.0 1.0 (1.0)
cmyn4* 0.5 0.0 0.0 (0.0)
LAB*Lab 91.14 -23.07 -6.77
LAB*Lab 91.14 -23.07 -6.77
LAB*Lab 91.14 -23.07 -6.77
LAB*Lab 91.14 -23.07 -6.77

standard and adapted CIELAB
LAB*Lab 91.14 -23.07 -6.77
LAB*Lab 91.14 -23.07 -6.77
LAB*Lab 91.14 -23.07 -6.77
LAB*Lab 91.14 -23.07 -6.77

relative Inform. Technology (IT)
olv3* 0.75 0.75 0.75 (1.0)
cmyn3* 0.25 0.25 0.25 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 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 Inform. Technology (IT)
olv3* 0.75 0.75 0.75 (1.0)
cmyn3* 0.25 0.25 0.25 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
LAB*Lab 69.43 -11.53 -3.38
LAB*Lab 69.43 -11.53 -3.38
LAB*Lab 69.43 -11.53 -3.38
LAB*Lab 69.43 -11.53 -3.38

standard and adapted CIELAB
LAB*Lab 69.43 -11.53 -3.38
LAB*Lab 69.43 -11.53 -3.38
LAB*Lab 69.43 -11.53 -3.38
LAB*Lab 69.43 -11.53 -3.38

relative Inform. Technology (IT)
olv3* 0.5 0.75 0.75 (1.0)
cmyn3* 0.5 0.25 0.25 (0.0)
olv4* 0.5 1.0 1.0 (1.0)
cmyn4* 0.5 0.0 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
LAB*Lab 88.98 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 Inform. Technology (IT)
olv3* 0.75 0.75 0.75 (1.0)
cmyn3* 0.25 0.25 0.25 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 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 Inform. Technology (IT)
olv3* 0.75 0.75 0.75 (1.0)
cmyn3* 0.25 0.25 0.25 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
LAB*Lab 62.25 12.03 19.37
LAB*Lab 62.25 12.03 19.37
LAB*Lab 62.25 12.03 19.37
LAB*Lab 62.25 12.03 19.37

standard and adapted CIELAB
LAB*Lab 62.25 12.03 19.37
LAB*Lab 62.25 12.03 19.37
LAB*Lab 62.25 12.03 19.37
LAB*Lab 62.25 12.03 19.37

relative Inform. Technology (IT)
olv3* 0.5 0.75 0.75 (1.0)
cmyn3* 0.5 0.25 0.25 (0.0)
olv4* 0.5 1.0 1.0 (1.0)
cmyn4* 0.5 0.0 0.0 (0.0)
LAB*Lab 89.0 -34.61 -10.16
LAB*Lab 89.0 -34.61 -10.16
LAB*Lab 89.0 -34.61 -10.16
LAB*Lab 89.0 -34.61 -10.16

standard and adapted CIELAB
LAB*Lab 89.0 -34.61 -10.16
LAB*Lab 89.0 -34.61 -10.16
LAB*Lab 89.0 -34.61 -10.16
LAB*Lab 89.0 -34.61 -10.16

relative Inform. Technology (IT)
olv3* 0.25 0.25 0.25 (1.0)
cmyn3* 0.75 0.75 0.75 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 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 Inform. Technology (IT)
olv3* 0.25 0.25 0.25 (1.0)
cmyn3* 0.75 0.75 0.75 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
LAB*Lab 43.45 -23.07 -6.77
LAB*Lab 43.45 -23.07 -6.77
LAB*Lab 43.45 -23.07 -6.77
LAB*Lab 43.45 -23.07 -6.77

standard and adapted CIELAB
LAB*Lab 43.45 -23.07 -6.77
LAB*Lab 43.45 -23.07 -6.77
LAB*Lab 43.45 -23.07 -6.77
LAB*Lab 43.45 -23.07 -6.77

relative Inform. Technology (IT)
olv3* 0.25 0.25 0.25 (1.0)
cmyn3* 0.75 0.75 0.75 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
LAB*Lab 65.16 -34.61 -10.16
LAB*Lab 65.16 -34.61 -10.16
LAB*Lab 65.16 -34.61 -10.16
LAB*Lab 65.16 -34.61 -10.16

standard and adapted CIELAB
LAB*Lab 65.16 -34.61 -10.16
LAB*Lab 65.16 -34.61 -10.16
LAB*Lab 65.16 -34.61 -10.16
LAB*Lab 65.16 -34.61 -10.16

relative Inform. Technology (IT)
olv3* 0.25 0.25 0.25 (1.0)
cmyn3* 0.75 0.75 0.75 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
LAB*Lab 25.0 0.0 0.0
LAB*Lab 25.0 0.0 0.0
LAB*Lab 25.0 0.0 0.0
LAB*Lab 25.0 0.0 0.0

standard and adapted CIELAB
LAB*Lab 25.0 0.0 0.0
LAB*Lab 25.0 0.0 0.0
LAB*Lab 25.0 0.0 0.0
LAB*Lab 25.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.25 0.25 0.25 (1.0)
cmyn3* 0.75 0.75 0.75 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
LAB*Lab 21.73 -11.53 -3.38
LAB*Lab 21.73 -11.53 -3.38
LAB*Lab 21.73 -11.53 -3.38
LAB*Lab 21.73 -11.53 -3.38

standard and adapted CIELAB
LAB*Lab 21.73 -11.53 -3.38
LAB*Lab 21.73 -11.53 -3.38
LAB*Lab 21.73 -11.53 -3.38
LAB*Lab 21.73 -11.53 -3.38

relative Inform. Technology (IT)
olv3* 0.25 0.25 0.25 (1.0)
cmyn3* 0.75 0.75 0.75 (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*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 Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 1.0 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 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
LAB*Lab 0.0 0.0 0.0

standard and adapted CIELAB
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 Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 1.0 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 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
LAB*Lab 0.0 0.0 0.0

standard and adapted CIELAB
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 Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 1.0 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 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
LAB*Lab 0.0 0.0 0.0

standard and adapted CIELAB
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

NG530-7, 5 stufige Reihen für konstanten CIELAB Buntton 196/360 = 0.545 (links)

5 stufige Reihen für konstanten CIELAB Buntton 198/360 = 0.55 (rechts)

BAM-Prüfvorlage NG53; Farbmetrik-Systeme TLS00 & TLS70 input: olv* setrgbcolor

D65: 2 Koordinatendaten; 5stufige Farbreihen für 10 Bunttöne output: no change compared to input

Eingabe: Farbmetrisches Fernseh-Licht-System TLS00

für Buntton $h^* = lab^*h = 306/360 = 0.851$

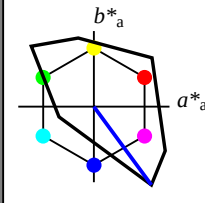
lab^*ch und lab^*nch

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* 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)
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*ch 0.0 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*tr 1.0 0.0 0.0
lab*ce 1.0 0.0 0.0
lab*nce 0.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.75 0.75 0.75 (1.0)
cmyn3* 0.25 0.25 0.25 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 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*ch 0.75 0.0 0.0
lab*nch 0.75 0.0 0.0
relative Natural Colour (NC)
lab*tr 0.75 0.0 0.0
lab*ce 0.75 0.0 0.0
lab*nce 0.75 0.0 0.0

relative Inform. Technology (IT)
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 (1.0)
cmyn4* 0.0 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*ch 0.5 0.0 0.0
lab*nch 0.5 0.0 0.0
relative Natural Colour (NC)
lab*tr 0.5 0.0 0.0
lab*ce 0.5 0.0 0.0
lab*nce 0.5 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.25 0.25 0.25 (1.0)
cmyn3* 0.75 0.75 0.75 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 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 0.25 0.0 0.0
lab*ch 0.25 0.0 0.0
lab*nch 0.25 0.0 0.0
relative Natural Colour (NC)
lab*tr 0.25 0.0 0.0
lab*ce 0.25 0.0 0.0
lab*nce 0.25 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 1.0 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 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*ch 0.0 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*tr 0.0 0.0 0.0
lab*ce 0.0 0.0 0.0
lab*nce 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
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

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

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

relative Inform. Technology (IT)
olv3* 0.5 0.5 0.5 (1.0)
cmyn3* 0.5 0.5 0.5 (0.0)
olv4* 0.5 0.5 0.5 (1.0)
cmyn4* 0.5 0.5 0.5 (0.0)
standard and adapted CIELAB
LAB*Lab 62.9 38.02 -51.78
LAB*Lab 62.9 38.02 -51.78
LAB*Lab 62.9 38.02 -51.78
LAB*Lab 62.9 38.02 -51.78

relative CIELAB lab*
lab*lab 0.639 0.296 -0.402
lab*ch 0.75 0.5 0.851
lab*nch 0.0 0.5 0.851
relative Natural Colour (NC)
lab*tr 0.639 0.23 -0.443
lab*ce 0.75 0.5 0.826
lab*nce 0.0 0.5 0.826

relative Inform. Technology (IT)
olv3* 0.25 0.25 0.25 (1.0)
cmyn3* 0.75 0.75 0.75 (0.0)
olv4* 0.5 0.5 0.5 (1.0)
cmyn4* 0.5 0.5 0.5 (0.0)
standard and adapted CIELAB
LAB*Lab 39.05 38.03 -51.79
LAB*Lab 39.05 38.03 -51.79
LAB*Lab 39.05 38.03 -51.79
LAB*Lab 39.05 38.03 -51.79

relative CIELAB lab*
lab*lab 0.489 0.444 -0.603
lab*ch 0.625 0.75 0.851
lab*nch 0.0 0.75 0.851
relative Natural Colour (NC)
lab*tr 0.489 0.344 -0.665
lab*ce 0.625 0.75 0.826
lab*nce 0.0 0.75 0.826

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 0.0 (0.0)
olv4* 0.25 0.25 0.25 (0.0)
cmyn4* 0.75 0.75 0.75 (0.0)
standard and adapted CIELAB
LAB*Lab 22.8 57.04 -77.68
LAB*Lab 22.8 57.04 -77.68
LAB*Lab 22.8 57.04 -77.68
LAB*Lab 22.8 57.04 -77.68

relative CIELAB lab*
lab*lab 0.239 0.444 -0.603
lab*ch 0.375 0.75 0.851
lab*nch 0.0 0.75 0.851
relative Natural Colour (NC)
lab*tr 0.239 0.344 -0.665
lab*ce 0.375 0.75 0.826
lab*nce 0.0 0.75 0.826

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 0.5 (0.0)
olv4* 0.5 0.5 0.5 (0.0)
cmyn4* 0.5 0.5 0.5 (0.0)
standard and adapted CIELAB
LAB*Lab 15.21 38.02 -51.78
LAB*Lab 15.21 38.02 -51.78
LAB*Lab 15.21 38.02 -51.78
LAB*Lab 15.21 38.02 -51.78

relative CIELAB lab*
lab*lab 0.159 0.23 -0.443
lab*ch 0.25 0.5 0.826
lab*nch 0.0 0.5 0.826
relative Natural Colour (NC)
lab*tr 0.159 0.23 -0.443
lab*ce 0.25 0.5 0.826
lab*nce 0.0 0.5 0.826

$n^* = 0.50$

relative Inform. Technology (IT)
olv3* 0.25 0.25 0.25 (1.0)
cmyn3* 0.75 0.75 0.75 (0.0)
olv4* 0.25 0.25 0.25 (0.0)
cmyn4* 0.75 0.75 0.75 (0.0)
standard and adapted CIELAB
LAB*Lab 46.64 57.04 -77.68
LAB*Lab 46.64 57.04 -77.68
LAB*Lab 46.64 57.04 -77.68
LAB*Lab 46.64 57.04 -77.68

relative CIELAB lab*
lab*lab 0.489 0.444 -0.603
lab*ch 0.625 0.75 0.851
lab*nch 0.0 0.75 0.851
relative Natural Colour (NC)
lab*tr 0.489 0.344 -0.665
lab*ce 0.625 0.75 0.826
lab*nce 0.0 0.75 0.826

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 0.0 (0.0)
olv4* 0.0 0.0 0.0 (0.0)
cmyn4* 1.0 1.0 0.0 (0.0)
standard and adapted CIELAB
LAB*Lab 30.39 76.04 -103.59
LAB*Lab 30.39 76.04 -103.59
LAB*Lab 30.39 76.04 -103.59
LAB*Lab 30.39 76.04 -103.59

relative CIELAB lab*
lab*lab 0.318 0.459 -0.887
lab*ch 0.0 1.0 0.318
lab*nch 0.0 1.0 0.318
relative Natural Colour (NC)
lab*tr 0.318 0.459 -0.887
lab*ce 0.0 1.0 0.318
lab*nce 0.0 1.0 0.318

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 0.0 (0.0)
olv4* 0.0 0.0 0.0 (0.0)
cmyn4* 1.0 1.0 0.0 (0.0)
standard and adapted CIELAB
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 CIELAB lab*
lab*lab 0.0 0.0 0.0
lab*ch 0.0 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*tr 0.0 0.0 0.0
lab*ce 0.0 0.0 0.0
lab*nce 0.0 0.0 0.0

$n^* = 0.25$

$n^* = 0.00$

Schwarzheit n^*

relative Buntheit c^*

relative Buntheit c^*

relative Buntheit c^*

Ausgabe: Farbmetrisches Fernseh-Licht-System TLS70

für Buntton $h^* = lab^*h = 294/360 = 0.816$

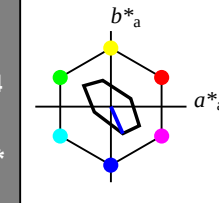
lab^*ch und lab^*nch

D65: Buntton V

LCH*Ma: 72 39 294

olv*Ma: 0.0 0.0 1.0

Dreiecks-Helligkeit t^*



%Umfang

$u^*_{rel} = 16$

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)
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*ch 0.0 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*tr 1.0 0.0 0.0
lab*ce 1.0 0.0 0.0
lab*nce 0.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.75 0.75 0.75 (1.0)
cmyn3* 0.25 0.25 0.25 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 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*ch 0.75 0.0 0.0
lab*nch 0.75 0.0 0.0
relative Natural Colour (NC)
lab*tr 0.75 0.0 0.0
lab*ce 0.75 0.0 0.0
lab*nce 0.75 0.0 0.0

relative Inform. Technology (IT)
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 (1.0)
cmyn4* 0.0 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*ch 0.5 0.0 0.0
lab*nch 0.5 0.0 0.0
relative Natural Colour (NC)
lab*tr 0.5 0.0 0.0
lab*ce 0.5 0.0 0.0
lab*nce 0.5 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.25 0.25 0.25 (1.0)
cmyn3* 0.75 0.75 0.75 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 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 0.25 0.0 0.0
lab*ch 0.25 0.0 0.0
lab*nch 0.25 0.0 0.0
relative Natural Colour (NC)
lab*tr 0.25 0.0 0.0
lab*ce 0.25 0.0 0.0
lab*nce 0.25 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 1.0 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 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*ch 0.0 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*tr 0.0 0.0 0.0
lab*ce 0.0 0.0 0.0
lab*nce 0.0 0.0 0.0

$n^* = 1.0$

$n^* = 0.50$

Schwarzheit n^*

relative Buntheit c^*

relative Buntheit c^*

relative Buntheit c^*

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

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

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

relative Inform. Technology (IT)
olv3* 0.5 0.5 0.5 (1.0)
cmyn3* 0.5 0.5 0.5 (0.0)
olv4* 0.5 0.5 0.5 (1.0)
cmyn4* 0.5 0.5 0.5 (0.0)
standard and adapted CIELAB
LAB*Lab 63.75 38.02 -51.78
LAB*Lab 63.75 38.02 -51.78
LAB*Lab 63.75 38.02 -51.78
LAB*Lab 63.75 38.02 -51.78

relative CIELAB lab*
lab*lab 0.547 0.202 -0.456
lab*ch 0.75 0.5 0.816
lab*nch 0.0 0.5 0.816
relative Natural Colour (NC)
lab*tr 0.547 0.15 -0.476
lab*ce 0.75 0.5 0.799
lab*nce 0.0 0.5 0.799

relative Inform. Technology (IT)
olv3* 0.25 0.25 0.25 (1.0)
cmyn3* 0.75 0.75 0.75 (0.0)
olv4* 0.5 0.5 0.5 (1.0)
cmyn4* 0.5 0.5 0.5 (0.0)
standard and adapted CIELAB
LAB*Lab 39.05 38.03 -51.79
LAB*Lab 39.05 38.03 -51.79
LAB*Lab 39.05 38.03 -51.79
LAB*Lab 39.05 38.03 -51.79

relative CIELAB lab*
lab*lab 0.32 0.26 -0.714
lab*ch 0.625 0.75 0.816
lab*nch 0.0 0.75 0.816
relative Natural Colour (NC)
lab*tr 0.32 0.26 -0.714
lab*ce 0.625 0.75 0.799
lab*nce 0.0 0.75 0.799

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 0.0 (0.0)
olv4* 0.0 0.0 0.0 (0.0)
cmyn4* 1.0 1.0 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*ch 0.0 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*tr 0.0 0.0 0.0
lab*ce 0.0 0.0 0.0
lab*nce 0.0 0.0 0.0

$n^* = 0.25$

$n^* = 0.00$

Schwarzheit n^*

relative Buntheit c^*

relative Buntheit c^*

relative Buntheit c^*

relative Buntheit c^*

relative Buntheit c^*

relative Inform. Technology (IT)
olv3* 0.25 0.25 0.25 (1.0)
cmyn3* 0.75 0.75 0.75 (0.0)
olv4* 0.5 0.5 0.5 (1.0)
cmyn4* 0.5 0.5 0.5 (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 0.0 0.0
lab*ch 0.25 0.0 0.0
lab*nch 0.25 0.0 0.0
relative Natural Colour (NC)
lab*tr 0.25 0.0 0.0
lab*ce 0.25 0.0 0.0
lab*nce 0.25 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 0.0 (0.0)
olv4* 0.0 0.0 0.0 (0.0)
cmyn4* 1.0 1.0 0.0 (0.0)<

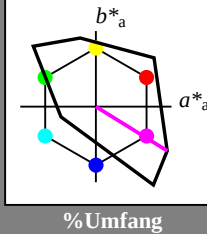
Eingabe: Farbmetrisches Fernseh-Licht-System TLS00

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^*



TLS00; adaptierte CIELAB-Daten

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

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

$g^*_{C,rel} = 27.73$

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)
olv5*	1.0	1.0	1.0	(1.0)
olv5*	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	

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	85.88	23.58	-14.59	
LAB*LAB	85.88	23.58	-14.59	
LAB*LAB	85.88	23.58	-14.59	
LAB*LAB	85.88	23.58	-14.59	

relative CIELAB lab*

lab*lab	0.9	0.176	-0.177	
lab*lab	0.9	0.176	-0.177	
lab*lab	0.9	0.176	-0.177	
lab*lab	0.9	0.176	-0.177	

standard and adapted CIELAB

LAB*LAB	76.35	47.17	-29.19	
LAB*LAB	76.35	47.17	-29.19	
LAB*LAB	76.35	47.17	-29.19	
LAB*LAB	76.35	47.17	-29.19	

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)
olv5*	1.0	1.0	1.0	(1.0)
olv5*	0.0	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	

relative CIELAB lab*

lab*lab	0.75	0.25	0.0	
lab*lab	0.75	0.25	0.0	
lab*lab	0.75	0.25	0.0	
lab*lab	0.75	0.25	0.0	

standard and adapted CIELAB

LAB*LAB	62.03	23.59	-14.6	
LAB*LAB	62.03	23.59	-14.6	
LAB*LAB	62.03	23.59	-14.6	
LAB*LAB	62.03	23.59	-14.6	

relative CIELAB lab*

lab*lab	0.8	0.352	-0.354	
lab*lab	0.8	0.352	-0.354	
lab*lab	0.8	0.352	-0.354	
lab*lab	0.8	0.352	-0.354	

standard and adapted CIELAB

LAB*LAB	66.82	70.75	-43.8	
LAB*LAB	66.82	70.75	-43.8	
LAB*LAB	66.82	70.75	-43.8	
LAB*LAB	66.82	70.75	-43.8	

relative Inform. Technology (IT)

olv3*	0.5	0.5	0.5	(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)
olv5*	1.0	1.0	1.0	(1.0)
olv5*	0.0	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	

relative CIELAB lab*

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

standard and adapted CIELAB

LAB*LAB	38.18	23.59	-14.6	
LAB*LAB	38.18	23.59	-14.6	
LAB*LAB	38.18	23.59	-14.6	
LAB*LAB	38.18	23.59	-14.6	

relative CIELAB lab*

lab*lab	0.625	0.375	-0.374	
lab*lab	0.625	0.375	-0.374	
lab*lab	0.625	0.375	-0.374	
lab*lab	0.625	0.375	-0.374	

standard and adapted CIELAB

LAB*LAB	52.51	47.18	-29.2	
LAB*LAB	52.51	47.18	-29.2	
LAB*LAB	52.51	47.18	-29.2	
LAB*LAB	52.51	47.18	-29.2	

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)
olv5*	1.0	1.0	1.0	(1.0)
olv5*	0.0	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	

relative CIELAB lab*

lab*lab	0.4	0.213	-0.131	
lab*lab	0.4	0.213	-0.131	
lab*lab	0.4	0.213	-0.131	
lab*lab	0.4	0.213	-0.131	

standard and adapted CIELAB

LAB*LAB	28.66	47.17	-29.19	
LAB*LAB	28.66	47.17	-29.19	
LAB*LAB	28.66	47.17	-29.19	
LAB*LAB	28.66	47.17	-29.19	

relative CIELAB lab*

lab*lab	0.45	0.638	-0.394	
lab*lab	0.45	0.638	-0.394	
lab*lab	0.45	0.638	-0.394	
lab*lab	0.45	0.638	-0.394	

standard and adapted CIELAB

LAB*LAB	42.98	70.75	-43.8	
LAB*LAB	42.98	70.75	-43.8	
LAB*LAB	42.98	70.75	-43.8	
LAB*LAB	42.98	70.75	-43.8	

relative Inform. Technology (IT)

olv3*	0.0	0.0	0.0	(1.0)
olv3*	1.0	1.0	1.0	(0.0)
olv4*	1.0	1.0	1.0	(1.0)
olv4*	0.0	0.0	0.0	(0.0)
olv5*	1.0	1.0	1.0	(1.0)
olv5*	0.0	0.0	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	

relative CIELAB lab*

lab*lab	0.15	0.212	-0.131	
lab*lab	0.15	0.212	-0.131	
lab*lab	0.15	0.212	-0.131	
lab*lab	0.15	0.212	-0.131	

standard and adapted CIELAB

LAB*LAB	14.24	23.58	-14.59	
LAB*LAB	14.24	23.58	-14.59	
LAB*LAB	14.24	23.58	-14.59	
LAB*LAB	14.24	23.58	-14.59	

relative CIELAB lab*

lab*lab	0.25	0.75	0.0	
lab*lab	0.25	0.75	0.0	
lab*lab	0.25	0.75	0.0	
lab*lab	0.25	0.75	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 Inform. Technology (IT)

olv3*	0.0	0.0	0.0	(1.0)
olv3*	1.0	1.0	1.0	(0.0)
olv4*	1.0	1.0	1.0	(1.0)
olv4*	0.0	0.0	0.0	(0.0)
olv5*	1.0	1.0	1.0	(1.0)
olv5*	0.0	0.0	0.0	(0.0)
standard and adapted CIELAB				
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 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	

standard and adapted CIELAB

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 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	

standard and adapted CIELAB

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	

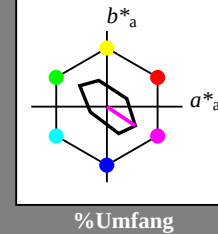
Ausgabe: Farbmetrisches Fernseh-Licht-System TLS70

für Buntton $h^* = lab^*h = 326/360 = 0.906$

lab^*ch und lab^*nch

D65: Buntton M
LCH*Ma: 79 45 326
olv*Ma: 1.0 0.0 1.0

Dreiecks-Helligkeit t^*



TLS70; adaptierte CIELAB-Daten

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

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

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

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)
olv5*	1.0	1.0	1.0	(1.0)
olv5*	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	

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	

%Regu

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

*

Eingabe: Farbmetrisches Fernseh-Licht-System TLS00

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

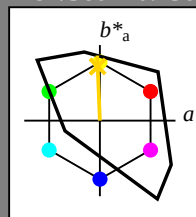
lab^*ch und lab^*nch

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)
standard and adapted CIELAB
LAB*LAB 95.41 0.0 0.0
LAB*Lab 95.41 0.0 0.0
LAB*TCh 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
relative Natural Colour (NC)
lab*ch 1.0 0.0 0.0
lab*ch 1.0 0.0 0.0
lab*nch 0.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.75 0.75 0.75 (1.0)
cmyn3* 0.25 0.25 0.25 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 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*TCh 75.00 0.01 -

relative CIELAB lab*
lab*lab 0.75 0.0 0.0
lab*ch 0.75 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*ch 0.75 0.0 0.0
lab*ch 0.75 0.0 0.0
lab*nch 0.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.5 0.5 0.5 (0.0)
cmyn3* 0.5 0.5 0.5 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 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*TCh 50.00 0.01 -

relative CIELAB lab*
lab*lab 0.5 0.0 0.0
lab*ch 0.5 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*ch 0.5 0.0 0.0
lab*ch 0.5 0.0 0.0
lab*nch 0.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.25 0.25 0.25 (0.0)
cmyn3* 0.75 0.75 0.75 (1.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 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*TCh 25.00 0.01 -

relative CIELAB lab*
lab*lab 0.25 0.0 0.0
lab*ch 0.25 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*ch 0.25 0.0 0.0
lab*ch 0.25 0.0 0.0
lab*nch 0.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 1.0 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 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*TCh 0.00 0.01 -

relative CIELAB lab*
lab*lab 0.0 0.0 0.0
lab*ch 0.0 0.0 0.0
lab*nch 1.0 0.0 0.0
relative Natural Colour (NC)
lab*ch 0.0 0.0 0.0
lab*ch 0.0 0.0 0.0
lab*nch 1.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 1.0 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 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*TCh 0.00 0.01 -

relative CIELAB lab*
lab*lab 0.0 0.0 0.0
lab*ch 0.0 0.0 0.0
lab*nch 1.0 0.0 0.0
relative Natural Colour (NC)
lab*ch 0.0 0.0 0.0
lab*ch 0.0 0.0 0.0
lab*nch 1.0 0.0 0.0

TLS00; adaptierte CIELAB-Daten

	L^*	a^*	b^*	$C^*_{ab,a}$	$h^*_{ab,a}$
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
BC _{IE}	30.57	1.41	-46.46	46.49	272

%Regularität

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

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

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)
standard and adapted CIELAB
LAB*LAB 92.86 -0.87 21.53
LAB*Lab 92.86 -0.87 21.53
LAB*TCh 97.5 21.54 92.33

relative CIELAB lab*
lab*lab 0.973 -0.009 0.25
lab*ch 0.875 0.25 0.256
lab*nch 0.0 0.25 0.256
relative Natural Colour (NC)
lab*ch 0.973 0.0 0.25
lab*ch 0.875 0.25 0.256
lab*nch 0.0 0.25 0.256

relative Inform. Technology (IT)
olv3* 0.75 0.706 0.5 (1.0)
cmyn3* 0.25 0.254 0.5 (0.0)
olv4* 1.0 0.956 0.75 (0.75)
cmyn4* 0.0 0.044 0.25 (0.0)
standard and adapted CIELAB
LAB*LAB 69.01 -0.86 21.53
LAB*Lab 69.01 -0.86 21.53
LAB*TCh 62.5 21.55 92.31

relative CIELAB lab*
lab*lab 0.75 -0.009 0.25
lab*ch 0.625 0.25 0.256
lab*nch 0.0 0.25 0.256
relative Natural Colour (NC)
lab*ch 0.75 0.0 0.25
lab*ch 0.625 0.25 0.256
lab*nch 0.0 0.25 0.256

relative Inform. Technology (IT)
olv3* 0.5 0.442 0.5 (1.0)
cmyn3* 0.5 0.442 0.5 (1.0)
olv4* 1.0 0.956 0.75 (0.5)
cmyn4* 0.0 0.044 0.25 (0.0)
standard and adapted CIELAB
LAB*LAB 45.16 -0.86 21.53
LAB*Lab 45.16 -0.86 21.53
LAB*TCh 37.5 21.55 92.31

relative CIELAB lab*
lab*lab 0.473 -0.009 0.25
lab*ch 0.375 0.25 0.256
lab*nch 0.0 0.25 0.256
relative Natural Colour (NC)
lab*ch 0.473 0.0 0.25
lab*ch 0.375 0.25 0.256
lab*nch 0.0 0.25 0.256

relative Inform. Technology (IT)
olv3* 0.25 0.25 0.25 (1.0)
cmyn3* 0.75 0.794 1.0 (0.0)
olv4* 1.0 0.956 0.75 (0.25)
cmyn4* 0.0 0.044 0.25 (0.0)
standard and adapted CIELAB
LAB*LAB 21.31 -0.86 21.52
LAB*Lab 21.31 -0.86 21.52
LAB*TCh 12.5 21.54 92.31

relative CIELAB lab*
lab*lab 0.223 -0.009 0.25
lab*ch 0.125 0.25 0.256
lab*nch 0.0 0.25 0.256
relative Natural Colour (NC)
lab*ch 0.223 0.0 0.25
lab*ch 0.125 0.25 0.256
lab*nch 0.0 0.25 0.256

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 1.0 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 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*TCh 0.00 0.01 -

relative CIELAB lab*
lab*lab 0.0 0.0 0.0
lab*ch 0.0 0.0 0.0
lab*nch 1.0 0.0 0.0
relative Natural Colour (NC)
lab*ch 0.0 0.0 0.0
lab*ch 0.0 0.0 0.0
lab*nch 1.0 0.0 0.0

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)
standard and adapted CIELAB
LAB*LAB 90.31 -1.74 43.06
LAB*Lab 90.31 -1.74 43.06
LAB*TCh 75.0 43.09 92.32

relative CIELAB lab*
lab*lab 0.947 -0.019 0.499
lab*ch 0.75 0.5 0.256
lab*nch 0.0 0.5 0.256
relative Natural Colour (NC)
lab*ch 0.947 0.0 0.5
lab*ch 0.75 0.5 0.256
lab*nch 0.0 0.5 0.256

relative Inform. Technology (IT)
olv3* 0.75 0.618 0.0 (1.0)
cmyn3* 0.25 0.338 0.75 (0.0)
olv4* 1.0 0.912 0.5 (0.75)
cmyn4* 0.0 0.088 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 66.47 -1.73 43.06
LAB*Lab 66.47 -1.73 43.06
LAB*TCh 50.0 43.1 92.31

relative CIELAB lab*
lab*lab 0.697 -0.019 0.5
lab*ch 0.625 0.75 0.25
lab*nch 0.0 0.75 0.25
relative Natural Colour (NC)
lab*ch 0.697 0.0 0.5
lab*ch 0.625 0.75 0.25
lab*nch 0.0 0.75 0.25

relative Inform. Technology (IT)
olv3* 0.5 0.412 0.0 (1.0)
cmyn3* 0.5 0.412 0.0 (1.0)
olv4* 1.0 0.912 0.5 (0.0)
cmyn4* 0.0 0.088 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 42.62 -1.73 43.06
LAB*Lab 42.62 -1.73 43.06
LAB*TCh 37.5 43.1 92.31

relative CIELAB lab*
lab*lab 0.447 -0.019 0.499
lab*ch 0.25 0.5 0.256
lab*nch 0.0 0.5 0.256
relative Natural Colour (NC)
lab*ch 0.447 0.0 0.5
lab*ch 0.25 0.5 0.256
lab*nch 0.0 0.5 0.256

relative Inform. Technology (IT)
olv3* 0.25 0.25 0.25 (1.0)
cmyn3* 0.75 0.794 1.0 (0.0)
olv4* 1.0 0.912 0.5 (0.25)
cmyn4* 0.0 0.088 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 21.31 -0.86 21.52
LAB*Lab 21.31 -0.86 21.52
LAB*TCh 12.5 21.54 92.31

relative CIELAB lab*
lab*lab 0.223 -0.009 0.25
lab*ch 0.125 0.25 0.256
lab*nch 0.0 0.25 0.256
relative Natural Colour (NC)
lab*ch 0.223 0.0 0.25
lab*ch 0.125 0.25 0.256
lab*nch 0.0 0.25 0.256

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 1.0 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 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*TCh 0.00 0.01 -

relative CIELAB lab*
lab*lab 0.0 0.0 0.0
lab*ch 0.0 0.0 0.0
lab*nch 1.0 0.0 0.0
relative Natural Colour (NC)
lab*ch 0.0 0.0 0.0
lab*ch 0.0 0.0 0.0
lab*nch 1.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 1.0 0.868 0.25 (1.0)
cmyn3* 0.0 0.132 0.75 (0.0)
olv4* 1.0 0.868 0.25 (1.0)
cmyn4* 0.0 0.132 0.75 (0.0)
standard and adapted CIELAB
LAB*LAB 87.76 -2.61 64.59
LAB*Lab 87.76 -2.61 64.59
LAB*TCh 62.5 64.64 92.32

relative CIELAB lab*
lab*lab 0.893 -0.039 0.999
lab*ch 0.5 0.0 0.256
lab*nch 0.0 0.0 0.256
relative Natural Colour (NC)
lab*ch 0.893 0.0 0.0
lab*ch 0.5 0.0 0.256
lab*nch 0.0 0.0 0.256

relative Inform. Technology (IT)
olv3* 0.75 0.618 0.0 (1.0)
cmyn3* 0.25 0.338 0.75 (0.0)
olv4* 1.0 0.912 0.5 (0.75)
cmyn4* 0.0 0.088 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 66.47 -1.73 43.06
LAB*Lab 66.47 -1.73 43.06
LAB*TCh 50.0 43.1 92.31

relative CIELAB lab*
lab*lab 0.697 -0.019 0.5
lab*ch 0.625 0.75 0.25
lab*nch 0.0 0.75 0.25
relative Natural Colour (NC)
lab*ch 0.697 0.0 0.5
lab*ch 0.625 0.75 0.25
lab*nch 0.0 0.75 0.25

relative Inform. Technology (IT)
olv3* 0.5 0.412 0.0 (1.0)
cmyn3* 0.5 0.412 0.0 (1.0)
olv4* 1.0 0.912 0.5 (0.0)
cmyn4* 0.0 0.088 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 42.62 -1.73 43.06
LAB*Lab 42.62 -1.73 43.06
LAB*TCh 37.5 43.1 92.31

relative CIELAB lab*
lab*lab 0.447 -0.019 0.499
lab*ch 0.25 0.5 0.256
lab*nch 0.0 0.5 0.256
relative Natural Colour (NC)
lab*ch 0.447 0.0 0.5
lab*ch 0.25 0.5 0.256
lab*nch 0.0 0.5 0.256

relative Inform. Technology (IT)
olv3* 0.25 0.25 0.25 (1.0)
cmyn3* 0.75 0.794 1.0 (0.0)
olv4* 1.0 0.912 0.5 (0.25)
cmyn4* 0.0 0.088 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 21.31 -0.86 21.52
LAB*Lab 21.31 -0.86 21.52
LAB*TCh 12.5 21.54 92.31

relative CIELAB lab*
lab*lab 0.223 -0.009 0.25
lab*ch 0.125 0.25 0.256
lab*nch 0.0 0.25 0.256
relative Natural Colour (NC)
lab*ch 0.223 0.0 0.25
lab*ch 0.125 0.25 0.256
lab*nch 0.0 0.25 0.256

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 1.0 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 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*TCh 0.00 0.01 -

relative CIELAB lab*
lab*lab 0.0 0.0 0.0
lab*ch 0.0 0.0 0.0
lab*nch 1.0 0.0 0.0
relative Natural Colour (NC)
lab*ch 0.0 0.0 0.0
lab*ch 0.0 0.0 0.0
lab*nch 1.0 0.0 0.0

$n^* = 0.00$

$n^* = 0.25$

$n^* = 0.50$

$n^* = 1.00$

$n^* = 1.00$

$n^* = 1.00$

$n^* = 1.00$

$n^* = 1.00$

$n^* = 1.00$

$n^* = 1.00$

$n^* = 1.00$

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)
standard and adapted CIELAB
LAB*LAB 95.41 0.0 0.0
LAB*Lab 95.41 0.0 0.0
LAB*TCh 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
relative Natural Colour (NC)
lab*ch 1.0 0.0 0.0
lab*ch 1.0 0.0 0.0
lab*nch 0.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.75 0.75 0.75 (1.0)
cmyn3* 0.25 0.25 0.25 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 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*TCh 75.00 0.01 -

relative CIELAB lab*
lab*lab 0.75 0.0 0.0
lab*ch 0.75 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*ch 0.75 0.0 0.0
lab*ch 0.75 0.0 0.0
lab*nch 0.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.5 0.5 0.5 (0.0)
cmyn3* 0.5 0.5 0.5 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 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*TCh 50.00 0.01 -

relative CIELAB lab*
lab*lab 0.5 0.0 0.0
lab*ch 0.5 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*ch 0.5 0.0 0.0
lab*ch 0.5 0.0 0.0
lab*nch 0.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.25 0.25 0.25 (0.0)
cmyn3* 0.75 0.75 0.75 (1.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 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*TCh 25.00 0.01 -

relative CIELAB lab*
lab*lab 0.25 0.0 0.0
lab*ch 0.25 0.0 0.0
lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
lab*ch 0.25 0.0 0.0
lab*ch 0.25 0.0 0.0
lab*nch 0.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 1.0 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 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*TCh 0.00 0.01 -

relative CIELAB lab*
lab*lab 0.0 0.0 0.0
lab*ch 0.0 0.0 0.0
lab*nch 1.0 0.0 0.0
relative Natural Colour (NC)
lab*ch 0.0 0.0 0.0
lab*ch 0.0 0.0 0.0
lab*nch 1.0 0.0 0.0

relative Inform. Technology (IT)
olv3* 0.0 0.0 0.0 (1.0)
cmyn3* 1.0 1.0 1.0 (0.0)
olv4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 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*TCh 0.00 0.01 -

relative CIELAB lab*
lab*lab 0.0 0.0 0.0
lab*ch 0.0 0.0 0.0
lab*nch 1.0 0.0 0.0
relative Natural Colour (NC)
lab*ch 0.0 0.0 0.0
lab*ch 0.0 0.0 0.0
lab*nch 1.0 0.0 0.0

$n^* = 0.00$

$n^* = 0.25$

$n^* = 0.50$

$n^* = 1.00$

$n^* = 1.00$

$n^* = 1.00$

$n^* = 1.00$

C	M	Y	O	L	V
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