

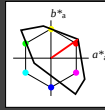
Eingabe: Farbmetrisches Fernseh-Licht-System TLS18

für Buntton $h^* = lab^*h = 35/360 = 0.097$ lab^*ch und lab^*nch

D65: Buntton O

LCH*Ma: 53 87 35

olv*Ma: 1.0 0.0 0.0

Dreiecks-Helligkeit t^* 

%Umfang

 $u^*_{rel} = 118$

%Regularität

 $g^*_{H,rel} = 22$ $g^*_{C,rel} = 40$

TLS18; adaptierte CIELAB-Daten

L^*	a^*	b^*	C^*_{ab}	h^*_{ab}
O _{Ma} 52.76	71.63	49.88	87.29	35
Y _{Ma} 92.74	-20.02	84.97	87.3	103
L _{Ma} 84.0	-78.98	73.94	108.2	137
C _{Ma} 87.14	-44.41	-13.11	46.32	196
V _{Ma} 35.47	64.92	-95.06	115.12	304
M _{Ma} 59.01	89.33	-55.67	105.26	328
N _{Ma} 18.01	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

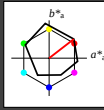
Ausgabe: Farbmetrisches Offset-Reflektiv-System ORS18

für Buntton $h^* = lab^*h = 38/360 = 0.105$ lab^*ch und lab^*nch

D65: Buntton O

LCH*Ma: 48 83 38

olv*Ma: 1.0 0.0 0.0

Dreiecks-Helligkeit t^* 

%Umfang

 $u^*_{rel} = 93$

%Regularität

 $g^*_{H,rel} = 57$ $g^*_{C,rel} = 59$

ORS18; adaptierte CIELAB-Daten

L^*	a^*	b^*	C^*_{ab}	h^*_{ab}
O _{Ma} 47.94	65.39	50.52	82.63	38
Y _{Ma} 90.37	-10.26	91.75	92.32	96
L _{Ma} 50.9	-62.03	34.96	71.91	151
C _{Ma} 58.62	-30.34	-45.01	54.3	236
V _{Ma} 25.72	31.1	-44.4	54.22	305
M _{Ma} 48.13	75.28	-8.36	75.74	354
N _{Ma} 18.01	0.0	0.0	0.0	0
W _{Ma} 95.41	0.0	0.0	0.0	0
R _{CIE} 39.92	58.66	26.98	64.57	25
J _{CIE} 81.26	-2.16	67.76	67.79	92
G _{CIE} 52.23	-42.25	11.76	43.87	164
B _{CIE} 30.57	1.15	-46.84	46.86	271

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	-0.98	4.75
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*labch	1.0	0.0	0.0
lab*labnch	0.0	0.0	0.0

relative Natural Colour (NC)

lab*lab	1.0	0.0	0.0
lab*labch	1.0	0.0	0.0
lab*labnch	0.0	0.0	0.0

relative Inform. Technology (IT)

olv3*	1.0	0.5	0.5	(1.0)
cmyn3*	0.0	0.5	0.5	(0.0)
olv4*	1.0	0.5	0.5	(1.0)
cmyn4*	0.0	0.5	0.5	(0.0)

standard and adapted CIELAB

LAB*LAB	71.67	32.15	28.41
LAB*LABa	71.67	32.15	28.41
LAB*LABb	71.67	32.15	28.41
LAB*LABc	71.67	32.15	28.41

relative CIELAB lab*

lab*lab	0.693	0.477	0.15
lab*labch	0.693	0.477	0.15
lab*labnch	0.0	0.0	0.0

relative Natural Colour (NC)

lab*lab	0.693	0.477	0.15
lab*labch	0.693	0.477	0.15
lab*labnch	0.0	0.0	0.0

relative Inform. Technology (IT)

olv3*	1.0	0.0	0.0	(1.0)
cmyn3*	0.0	1.0	1.0	(0.0)
olv4*	1.0	0.0	0.0	(1.0)
cmyn4*	0.0	1.0	1.0	(0.0)

standard and adapted CIELAB

LAB*LAB	47.94	65.3	52.06
LAB*LABa	47.94	65.3	52.06
LAB*LABb	47.94	65.3	52.06
LAB*LABc	47.94	65.3	52.06

relative CIELAB lab*

lab*lab	0.387	0.791	0.611
lab*labch	0.387	0.791	0.611
lab*labnch	0.0	0.0	0.0

relative Natural Colour (NC)

lab*lab	0.387	0.791	0.611
lab*labch	0.387	0.791	0.611
lab*labnch	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	56.71	-0.24	2.14
LAB*LABa	56.71	-0.24	2.14
LAB*LABb	56.71	-0.24	2.14
LAB*LABc	56.71	-0.24	2.14

relative CIELAB lab*

lab*lab	0.5	0.0	0.0
lab*labch	0.5	0.0	0.0
lab*labnch	0.0	0.0	0.0

relative Natural Colour (NC)

lab*lab	0.5	0.0	0.0
lab*labch	0.5	0.0	0.0
lab*labnch	0.0	0.0	0.0

relative Inform. Technology (IT)

olv3*	0.5	0.0	0.0	(1.0)
cmyn3*	0.5	1.0	1.0	(0.0)
olv4*	1.0	0.5	0.5	(1.0)
cmyn4*	0.0	0.5	0.5	(0.0)

standard and adapted CIELAB

LAB*LAB	32.98	32.9	25.8
LAB*LABa	32.98	32.9	25.8
LAB*LABb	32.98	32.9	25.8
LAB*LABc	32.98	32.9	25.8

relative CIELAB lab*

lab*lab	0.193	0.396	0.306
lab*labch	0.193	0.396	0.306
lab*labnch	0.0	0.0	0.0

relative Natural Colour (NC)

lab*lab	0.193	0.396	0.306
lab*labch	0.193	0.396	0.306
lab*labnch	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*	0.0	0.0	0.0	(1.0)
cmyn4*	1.0	1.0	1.0	(0.0)

standard and adapted CIELAB

LAB*LAB	18.02	0.5	-0.47
LAB*LABa	18.02	0.5	-0.47
LAB*LABb	18.02	0.5	-0.47
LAB*LABc	18.02	0.5	-0.47

relative CIELAB lab*

lab*lab	0.0	0.0	0.0
lab*labch	0.0	0.0	0.0
lab*labnch	0.0	0.0	0.0

relative Natural Colour (NC)

lab*lab	0.0	0.0	0.0
lab*labch	0.0	0.0	0.0
lab*labnch	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*	0.0	0.0	0.0	(1.0)
cmyn4*	1.0	1.0	1.0	(0.0)

standard and adapted CIELAB

LAB*LAB	18.02	0.5	-0.47
LAB*LABa	18.02	0.5	-0.47
LAB*LABb	18.02	0.5	-0.47
LAB*LABc	18.02	0.5	-0.47

relative CIELAB lab*

lab*lab	0.0	0.0	0.0
lab*labch	0.0	0.0	0.0
lab*labnch	0.0	0.0	0.0

relative Natural Colour (NC)

lab*lab	0.0	0.0	0.0
lab*labch	0.0	0.0	0.0
lab*labnch	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*	0.0	0.0	0.0	(1.0)
cmyn4*	1.0	1.0	1.0	(0.0)

standard and adapted CIELAB

LAB*LAB	18.02	0.5	-0.47
LAB*LABa	18.02	0.5	-0.47
LAB*LABb	18.02	0.5	-0.47
LAB*LABc	18.02	0.5	-0.47

relative CIELAB lab*

lab*lab	0.0	0.0	0.0
lab*labch	0.0	0.0	0.0
lab*labnch	0.0	0.0	0.0

relative Natural Colour (NC)

lab*lab	0.0	0.0	0.0
lab*labch	0.0	0.0	0.0
lab*labnch	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*	0.0	0.0	0.0	(1.0)
cmyn4*	1.0	1.0	1.0	(0.0)

standard and adapted CIELAB

LAB*LAB	18.02	0.5	-0.47
LAB*LABa	18.02	0.5	-0.47
LAB*LABb	18.02	0.5	-0.47
LAB*LABc	18.02	0.5	-0.47

relative CIELAB lab*

lab*lab	0.0	0.0	0.0
lab*labch	0.0	0.0	0.0
lab*labnch	0.0	0.0	0.0

relative Natural Colour (NC)

lab*lab	0.0	0.0	0.0
lab*labch	0.0	0.0	0.0
lab*labnch	0.0	0.0	0.0