

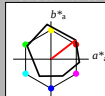
Eingabe: Farbmetrisches Offset-Reflektiv-System ORS18

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

D65: Buntton O

LCH*Ma: 48 83 38

olw*Ma: 1.0 0.0 0.0

Dreiecks-Helligkeit i^* 

%Umfang

 $u^*_{rel} = 93$

%Regulartät

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

ORS18; adaptierte CIELAB-Daten

$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
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	-62.83	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

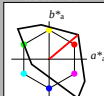
Ausgabe: Farbmetrisches Fernseh-Licht-System TLS00

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

D65: Buntton O

LCH*Ma: 51 100 40

olw*Ma: 1.0 0.0 0.0

Dreiecks-Helligkeit i^* 

%Umfang

 $u^*_{rel} = 158$

%Regulartät

 $g^*_{H,rel} = 20$ $g^*_{C,rel} = 37$

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
V _{Ma} 86.88	-46.16	-13.55	48.12	196
M _{Ma} 57.3	34.35	-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

relative Inform. Technology (IT)

olw3* 1.0 1.0 1.0 (1.0)

cmyn3* 0.0 0.0 0.0 (0.0)

olw4* 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*TChe 99.99 0.01 -

relative CIELAB lab*

lab*lab 1.0 0.0 0.0

lab*ch 1.0 0.0 -

lab*nch 0.0 0.0 -

relative Natural Colour (NC)

lab*lrj 1.0 0.0 0.0

lab*lce 1.0 0.0 -

lab*nce 0.0 0.0 -

relative Inform. Technology (IT)

olw3* 0.5 0.5 0.5 (1.0)

cmyn3* 0.5 0.5 0.5 (0.0)

olw4* 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*TChe 50.0 0.01 -

relative CIELAB lab*

lab*lab 0.5 0.0 0.0

lab*ch 0.5 0.0 -

lab*nch 0.5 0.0 -

relative Natural Colour (NC)

lab*lrj 0.5 0.0 0.0

lab*lce 0.5 0.0 -

lab*nce 0.5 0.0 -

relative Inform. Technology (IT)

olw3* 0.0 0.0 0.0 (1.0)

cmyn3* 1.0 1.0 1.0 (0.0)

olw4* 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*TChe 0.01 0.01 -

relative CIELAB lab*

lab*lab 0.0 0.0 0.0

lab*ch 0.0 0.0 -

lab*nch 1.0 0.0 -

relative Natural Colour (NC)

lab*lrj 0.0 0.0 0.0

lab*lce 0.0 0.0 -

lab*nce 1.0 0.0 -

relative Inform. Technology (IT)

olw3* 1.0 0.5 0.5 (1.0)

cmyn3* 0.0 0.5 0.5 (0.0)

olw4* 1.0 0.5 0.5 (1.0)

cmyn4* 0.0 0.5 0.5 (0.0)

standard and adapted CIELAB

LAB*LAB 72.95 38.45 32.27

LAB*Lab 72.95 38.45 32.27

LAB*TChe 75.0 50.2 40.0

relative CIELAB lab*

lab*lab 0.765 0.383 0.321

lab*ch 0.75 0.5 0.111

lab*nch 0.0 0.5 0.111

relative Natural Colour (NC)

lab*lrj 0.765 0.471 0.167

lab*lce 0.75 0.5 0.054

lab*nce 0.0 0.5 0.121

relative Inform. Technology (IT)

olw3* 0.5 0.0 0.0 (1.0)

cmyn3* 0.5 1.0 1.0 (0.0)

olw4* 1.0 0.5 0.5 (1.0)

cmyn4* 0.0 0.5 0.5 (0.0)

standard and adapted CIELAB

LAB*LAB 25.26 38.45 32.27

LAB*Lab 25.26 38.45 32.27

LAB*TChe 25.01 30.2 40.0

relative CIELAB lab*

lab*lab 0.265 0.383 0.321

lab*ch 0.25 0.5 0.111

lab*nch 0.0 0.5 0.111

relative Natural Colour (NC)

lab*lrj 0.265 0.471 0.167

lab*lce 0.25 0.5 0.054

lab*nce 0.0 0.5 0.121

relative Inform. Technology (IT)

olw3* 1.0 0.0 0.0 (1.0)

cmyn3* 0.0 1.0 1.0 (0.0)

olw4* 1.0 0.0 0.0 (1.0)

cmyn4* 0.0 1.0 1.0 (0.0)

standard and adapted CIELAB

LAB*LAB 50.5 76.9 64.54

LAB*Lab 50.5 76.9 64.54

LAB*TChe 50.0 100.4 40.0

relative CIELAB lab*

lab*lab 0.529 0.766 0.643

lab*ch 0.5 1.0 0.111

lab*nch 0.0 1.0 0.111

relative Natural Colour (NC)

lab*lrj 0.529 0.942 0.325

lab*lce 0.5 1.0 0.054

lab*nce 0.0 1.0 0.121

