

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
olv*Ma: 1.0 0.0 0.0

Dreiecks-Helligkeit t^*



%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

standard and adapted CIELAB

LAB*LAB 95.41 0.0 0.0

LAB*LABa 95.41 0.0 0.0

LAB*TCHa 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*nce 1.0 0.0 -

lab*nce 0.0 0.0 -

standard and adapted CIELAB

LAB*LAB 56.72 0.0 0.0

LAB*LABa 56.72 0.0 0.0

LAB*TCHa 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*nce 0.5 0.0 -

lab*nce 0.5 0.0 -

standard and adapted CIELAB

LAB*LAB 18.03 0.0 0.0

LAB*LABa 18.03 0.0 0.0

LAB*TCHa 0.01 0.01

relative CIELAB lab*

lab*lab 0.0 0.0 0.0

lab*ch 0.0 0.0 -

lab*nch 0.0 0.0 -

relative Natural Colour (NC)

lab*lrj 0.0 0.0 0.0

lab*nce 0.0 0.0 -

lab*nce 1.0 0.0 -

Ausgabe: Farbmetrisches Standard-Reflektiv-System SRS18

für Buntton $h^* = lab^*h = 30/360 = 0.083$
 lab^*ch und lab^*nch

D65: Buntton O
LCH*Ma: 57 77 30
olv*Ma: 1.0 0.0 0.0

Dreiecks-Helligkeit t^*



%Umfang

$u^*_{rel} = 100$

%Regulartät

$g^*_{H,rel} = 100$

$g^*_{C,rel} = 100$

SRS18; adaptierte CIELAB-Daten

$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma} 56.71	67.03	38.7	77.4	30
Y_{Ma} 56.71	0.0	77.4	77.4	90
L_{Ma} 56.71	-67.02	38.7	77.4	150
C_{Ma} 56.71	-67.02	-38.69	77.4	210
V_{Ma} 56.71	0.0	-77.39	77.4	270
M_{Ma} 56.71	67.03	-38.69	77.4	330
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

standard and adapted CIELAB

LAB*LAB 95.41 0.0 0.0

LAB*LABa 95.41 0.0 0.0

LAB*TCHa 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*nce 1.0 0.0 -

lab*nce 0.0 0.0 -

standard and adapted CIELAB

LAB*LAB 76.06 33.51 19.35

LAB*LABa 76.06 33.51 19.35

LAB*TCHa 75.0 38.69 30.0

relative CIELAB lab*

lab*lab 0.75 0.433 0.25

lab*ch 0.75 0.5 0.083

lab*nch 0.0 0.5 0.083

lab*lrj 0.75 0.497 0.053

lab*nce 0.75 0.5 0.017

lab*nce 0.0 0.5 0.061

standard and adapted CIELAB

LAB*LAB 37.36 33.51 19.35

LAB*LABa 37.36 33.51 19.35

LAB*TCHa 25.01 38.69 30.0

relative CIELAB lab*

lab*lab 0.25 0.433 0.25

lab*ch 0.25 0.5 0.083

lab*nch 0.0 0.5 0.083

lab*lrj 0.25 0.497 0.053

lab*nce 0.25 0.5 0.017

lab*nce 0.0 0.5 0.061

relative Natural Colour (NC)

lab*lrj 0.25 0.497 0.053

lab*nce 0.25 0.5 0.017

lab*nce 0.0 0.5 0.061

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