

Input: Colorimetric Offset Reflective System ORS18

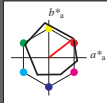
for hue $h^* = lab^*h = 38/360 = 0.105$

LAB**LCH*, LAB**NCH*

D50: hue O

LCH**Ma*: 48 83 38

olv**Ma*: 1.0 0.0 0.0



ORS18; adapted (a) CIELAB data

$L^* - L^*_a$	a^*_a	b^*_a	C^*_{aba}	h^*_{aba}
O_{M1} 47.94	65.39	50.52	82.63	38
Y_{M1} 40.37	-10.26	91.75	92.32	96
L_{M1} 50.9	-62.83	34.96	71.91	151
C_{M1} 58.62	-30.34	-45.01	54.3	236
V_{M1} 25.72	31.1	-44.4	54.22	305
N_{M1} 48.13	75.28	-8.36	75.74	354
N_{M1} 18.01	0.0	0.0	0.0	0
W_{M1} 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

%Gamut

$u^*_{rel} = 93$

%Regularity

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

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

CIELAB lightness L^*

%Gamut

$u^*_{rel} = 93$

%Regularity

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

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

blackness n^*

$n^* = 0.00$

$n^* = 0.25$

$n^* = 0.50$

$n^* = 0.75$

$n^* = 1.00$

blackness n^*

$n^* = 0.00$

$n^* = 0.25$

$n^* = 0.50$

$n^* = 0.75$

$n^* = 1.00$

CIELAB chroma C^*_{ab}

Output: Colorimetric Television Luminous System TLS00

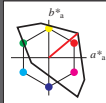
for hue $h^* = lab^*h = 40/360 = 0.111$

LAB**LCH*, LAB**NCH*

D50: hue O

LCH**Ma*: 51 100 40

olv**Ma*: 1.0 0.0 0.0



TLS00; adapted (a) CIELAB data

$L^* - L^*_a$	a^*_a	b^*_a	C^*_{aba}	h^*_{aba}
O_{M1} 50.5	76.92	64.55	100.42	40
Y_{M1} 92.66	-20.69	90.75	93.08	103
L_{M1} 83.63	-82.75	79.9	115.04	136
C_{M1} 86.88	-46.16	-13.55	48.12	196
V_{M1} 30.39	76.06	-103.59	128.52	308
N_{M1} 57.3	94.35	-58.41	110.97	326
N_{M1} 0.01	0.0	0.0	0.0	0
W_{M1} 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

%Gamut

$u^*_{rel} = 158$

%Regularity

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

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

CIELAB lightness L^*

%Gamut

$u^*_{rel} = 158$

%Regularity

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

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

blackness n^*

$n^* = 0.00$

$n^* = 0.25$

$n^* = 0.50$

$n^* = 0.75$

$n^* = 1.00$

blackness n^*

$n^* = 0.00$

$n^* = 0.25$

$n^* = 0.50$

$n^* = 0.75$

$n^* = 1.00$

CIELAB chroma C^*_{ab}

QE300-7, 5 step scales for constant CIELAB hue 38/360 = 0.105 (left)

BAM-test chart QE30; Colorimetric systems ORS18 & TLS00

D50: Coordinate systems of 5 step colour scales for 10 hues

5 step scales for constant CIELAB hue 40/360 = 0.111 (right)

input: *cmv0* setmykcolor*

output: *cmv0*/000n* setmykcolor*