

Input: Colorimetric Standard Reflective System SRS18

for hue $h^* = \text{lab}^*h = 30/360 = 0.083$

lab^*tch and lab^*nch

D65: hue O

LCH*Ma: 57 77 30

olv*Ma: 1.0 0.0 0.0

triangle lightness

1.00

%Gamut

$u^*_{rel} = 100$

%Regularity

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

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

0.75

0.50

0.25

0.00

blackness n^*

chromaticness c^*

$n^* = 0.00$

$n^* = 0.25$

$n^* = 0.50$

$n^* = 0.75$

$n^* = 1.00$

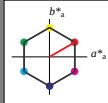
$n^* = 1.0$

5 step scales for constant CIELAB hue 30/360 = 0.083 (left)

SRS18; adapted (a) CIELAB data

$L^* = L^*_a$ a^*_a b^*_a C^*_{sha} h^*_{sha}

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



Output: Colorimetric Offset Reflective System ORS18

for hue $h^* = \text{lab}^*h = 38/360 = 0.105$

lab^*tch and lab^*nch

D65: hue O

LCH*Ma: 48 83 38

olv*Ma: 1.0 0.0 0.0

triangle lightness

1.00

%Gamut

$u^*_{rel} = 93$

%Regularity

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

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

0.75

0.50

0.25

0.00

blackness n^*

chromaticness c^*

$n^* = 0.00$

$n^* = 0.25$

$n^* = 0.50$

$n^* = 0.75$

$n^* = 1.00$

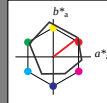
$n^* = 1.0$

5 step scales for constant CIELAB hue 38/360 = 0.105 (right)

ORS18; adapted (a) CIELAB data

$L^* = L^*_a$ a^*_a b^*_a C^*_{sha} h^*_{sha}

O_{Ma}	47.94	65.39	50.52	82.63	38
Y_{Ma}	90.37	-10.26	91.75	92.32	96
L_{Ma}	50.93	-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	-38.76	75.4	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



BAM-test chart OE47; Colorimetric systems SRS18 & ORS18

D65: 5 step colour scales and coordinate data for 10 hues

input: cmy0* setcmkcolor

output: no change compared to input