

Input: Colorimetric Reflective System MRS18
for hue $h^* = \text{lab}^*h = 30/360 = 0.083$
 lab^*tch and lab^*nch

D65: hue R
LCH*Ma: 50 77 30
rgb*Ma: 1.0 0.0 0.0

triangle lightness

1.00

%Gamut

$u^*_{rel} = 91$

%Regularity

$g^*_{H,rel} = 41$

$g^*_{C,rel} = 52$

0.75

0.50

0.25

0.00

blackness n^*

$n^* = 0.00$

$n^* = 0.25$

$n^* = 0.50$

$n^* = 0.75$

$n^* = 1.00$

chromaticness c^*

0.25

0.50

0.75

1.00

blackness n^*

$n^* = 1.0$

UE450-7, 5 step scales for constant CIELAB hue 30/360 = 0.083 (left)

MRS18; adapted (a) CIELAB data

$L^* = L^*_a$	a^*_a	b^*_a	C^*_{ab}	h^*_{ab}
R _{Ma}	49.63	66.96	38.37	77.18
J _{Ma}	90.7	-6.36	88.75	88.94
G _{Ma}	52.11	-69.73	9.44	70.37
G50B _{Ma}	45.03	-36.57	-28.47	46.36
B _{Ma}	36.65	23.19	-63.05	67.18
B50R _{Ma}	34.94	57.17	-44.26	72.31
M _{Ma}	18.01	0.0	0.0	0.0
W _{Ma}	95.41	0.0	0.0	0.0
R _{CI}	39.92	58.66	26.98	64.56
J _{CI}	81.26	-2.17	67.76	67.79
G _{CI}	52.23	-42.26	11.75	43.87
B _{CI}	30.57	1.15	-46.84	46.87

%Regularity

$g^*_{H,rel} = 41$

$g^*_{C,rel} = 52$

0.75

0.50

0.25

0.00

blackness n^*

$n^* = 0.00$

$n^* = 0.25$

$n^* = 0.50$

$n^* = 0.75$

$n^* = 1.00$

chromaticness c^*

0.25

0.50

0.75

1.00

blackness n^*

$n^* = 1.0$

UE450-7, 5 step scales for constant CIELAB hue 30/360 = 0.083 (left)

Output: Colorimetric 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
rgb*Ma: 1.0 0.0 0.0

triangle lightness

1.00

%Gamut

$u^*_{rel} = 93$

%Regularity

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

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

0.75

0.50

0.25

0.00

blackness n^*

$n^* = 0.00$

$n^* = 0.25$

$n^* = 0.50$

$n^* = 0.75$

$n^* = 1.00$

chromaticness c^*

0.25

0.50

0.75

1.00

blackness n^*

$n^* = 1.0$

UE450-7, 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^*_{ab}	h^*_{ab}
O _{Ma}	47.94	65.37	50.52	82.62
Y _{Ma}	90.37	-10.27	91.77	92.34
L _{Ma}	50.9	-62.79	34.95	71.87
C _{Ma}	58.62	-30.35	-45.01	54.3
V _{Ma}	25.71	31.11	-44.42	54.24
M _{Ma}	48.13	75.27	-8.35	75.73
N _{Ma}	18.01	0.0	0.0	0.0
W _{Ma}	95.41	0.0	0.0	0.0
R _{CI}	39.92	58.66	26.98	64.56
J _{CI}	81.26	-2.17	67.76	67.79
G _{CI}	52.23	-42.26	11.75	43.87
B _{CI}	30.57	1.15	-46.84	46.87

%Regularity

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

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

0.75

0.50

0.25

0.00

blackness n^*

$n^* = 0.00$

$n^* = 0.25$

$n^* = 0.50$

$n^* = 0.75$

$n^* = 1.00$

chromaticness c^*

0.25

0.50

0.75

1.00

blackness n^*

$n^* = 1.0$

UE450-7, 5 step scales for constant CIELAB hue 38/360 = 0.105 (right)