

Input: Colorimetric Standard Reflective System SRS18

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

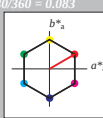
lab^*ch and lab^*nh

D65: hue O

LCH*Ma: 57 77 30

ol*Ma: 1.0 0.0 0.0

triangle lightness



SRS18; adapted (a) CIELAB data

$L^* = L^*_a \quad a^*_a \quad b^*_a \quad C^*_{ab,a} \quad h^*_{ab,a}$

O _{Ma}	56.71	67.03	38.7	77.4	30
Y _{Ma}	56.71	0.0	77.4	90	30
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	270	30
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 _{CE}	39.92	58.74	27.99	65.07	25
J _{CE}	81.26	-2.88	71.56	71.62	92
G _{CE}	52.23	-42.41	13.6	44.55	162
B _{CE}	30.57	1.41	-46.46	46.49	272

%Regularity

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

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

Output: Colorimetric Offset Reflective System ORS18

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

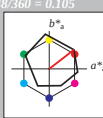
lab^*ch and lab^*nh

D65: hue O

LCH*Ma: 48 83 38

ol*Ma: 1.0 0.0 0.0

triangle lightness



ORS18; adapted (a) CIELAB data

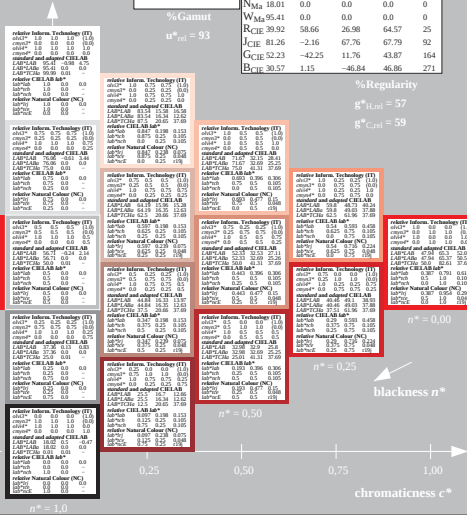
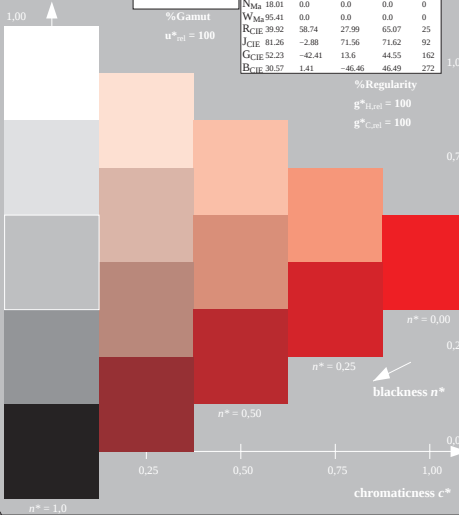
$L^* = L^*_a \quad a^*_a \quad b^*_a \quad C^*_{ab,a} \quad h^*_{ab,a}$

O _{Ma}	47.94	65.39	50.52	82.63	38
Y _{Ma}	90.37	-10.26	91.75	92.32	96
L _{Ma}	50.39	-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 _{CE}	39.92	58.66	26.98	64.57	25
J _{CE}	81.26	-2.16	67.76	67.79	92
G _{CE}	52.23	-42.25	11.76	43.87	164
B _{CE}	30.57	1.15	-46.84	46.86	271

%Regularity

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

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



OE47-7, 5 step scales for constant CIELAB hue 30/360 = 0.083 (left)

BAM-test chart OE47; Colorimetric systems SRS18 & ORS18

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

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

input: $\text{cmy0}^* \text{setcmycolor}$

output: $\text{cmy0}^* / 000n^* \text{setcmycolor}$