

Input: Colorimetric Offset Reflective System ORS18

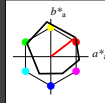
for hue $h^* = lab^*h = 38/360 = 0.105$

lab^*ch and lab^*nch

D65: hue O

LCH^oMa: 48 83 38

ol^v*Ma: 1.0 0.0 0.0



ORS18; adapted (a) CIELAB data

	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_m	47.94	65.39	50.52	82.63	38
Y_m	90.37	-10.26	91.75	92.32	96
L_m	50.9	-62.83	34.96	71.91	151
C_m	58.62	-30.34	-45.01	54.3	236
V_m	25.72	31.1	-44.4	54.22	305
M_m	48.13	75.28	-8.36	75.74	354
N_m	18.01	0.0	0.0	0.0	0
W_m	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

triangle lightness l^*

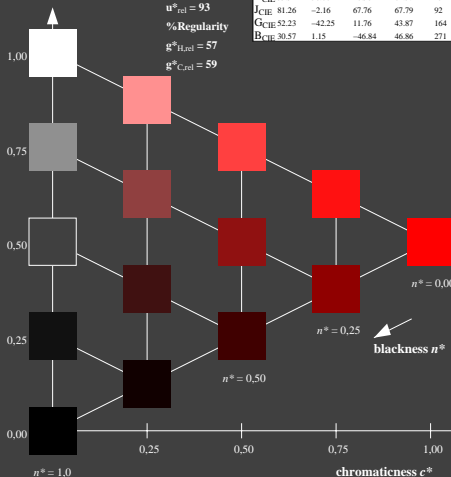
%Gamut

$u^*_{rel} = 93$

%Regularity

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

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



Output: Colorimetric Standard Reflective System SRS18

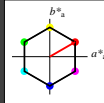
for hue $h^* = lab^*h = 30/360 = 0.083$

LAB^*LCH , LAB^*NCH

D65: hue O

LCH^oMa: 57 77 30

ol^v*Ma: 1.0 0.0 0.0



SRS18; adapted (a) CIELAB data

	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_m	56.71	67.03	38.7	77.4	30
Y_m	56.71	0.0	77.4	77.4	90
L_m	56.71	-67.02	38.7	77.4	150
C_m	56.71	-67.02	-38.69	77.4	210
V_m	56.71	0.0	-77.39	77.4	270
M_m	56.71	67.03	-38.69	77.4	330
N_m	18.01	0.0	0.0	0.0	0
W_m	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

CIELAB lightness L^*

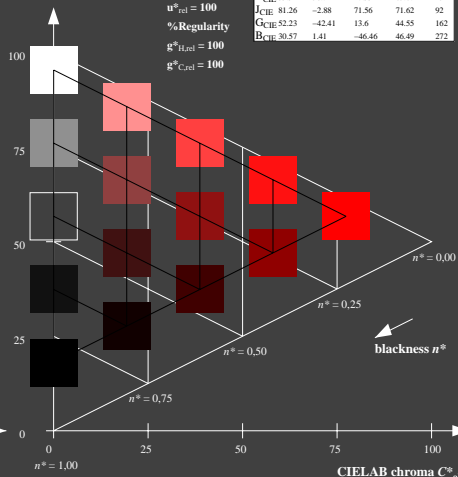
%Gamut

$u^*_{rel} = 100$

%Regularity

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

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



NE220-7, 5 step scales for constant CIELAB hue $38/360 = 0.105$ (left)

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

BAM-test chart NE22; Colorimetric systems ORS18 & SRS18

D65: Coordinate systems of 5 step colour scales for 10 hues

input: `olv* setrgbcolor`

output: `olv* setrgbcolor /w* setgray`