

Input: Colorimetric Offset Reflective System ORS18

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

LAB*LCH, LAB*NCH

D65: hue O

LCH*Ma: 48 83 38

olv*Ma: 1.0 0.0 0.0

CIELAB lightness L^*

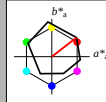
%Gamut

$u^*_{rel} = 93$

%Regularity

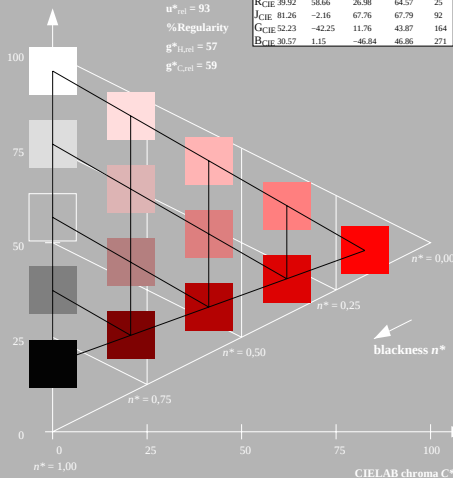
$g^*_{H,rel} = 57$

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



ORS18; adapted (a) CIELAB data

L^*_{ab}	a^*_{ab}	b^*_{ab}	C^*_{ab}	h^*_{ab}
O _{M3} 47.94	65.39	50.52	82.63	38
Y _{M3} 90.37	-10.26	91.75	92.32	96
L _{M3} 50.9	-62.83	34.96	71.91	151
C _{M3} 58.62	-30.34	-45.01	54.3	236
V _{M3} 25.72	31.1	-44.4	54.22	305
M _{M3} 48.13	75.28	-8.36	75.74	354
N _{M3} 18.01	0.0	0.0	0.0	0
W _{M3} 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



NE320-7, 5 step scales for constant CIELAB hue 38/360 = 0.105 (left)

Output: Colorimetric Standard Reflective System SRS18

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

LAB*LCH, LAB*NCH

D65: hue O

LCH*Ma: 57 77 30

olv*Ma: 1.0 0.0 0.0

CIELAB lightness L^*

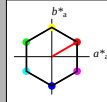
%Gamut

$u^*_{rel} = 100$

%Regularity

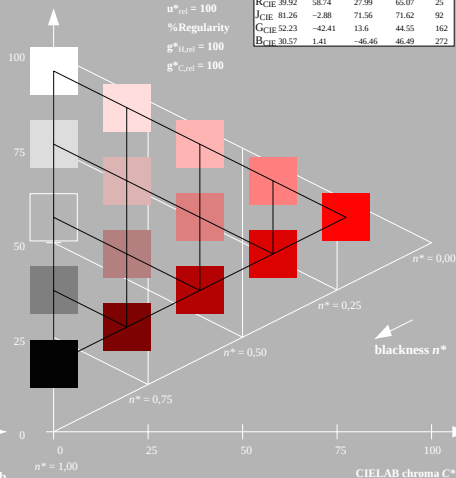
$g^*_{H,rel} = 100$

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



SRS18; adapted (a) CIELAB data

L^*_{ab}	a^*_{ab}	b^*_{ab}	C^*_{ab}	h^*_{ab}
O _{M3} 56.71	67.03	38.7	77.4	30
Y _{M3} 56.71	0.0	77.4	77.4	90
L _{M3} 56.71	-67.02	38.7	77.4	150
C _{M3} 56.71	-67.02	-38.69	77.4	210
V _{M3} 56.71	0.0	-77.39	77.4	270
M _{M3} 56.71	67.03	-38.69	77.4	330
N _{M3} 18.01	0.0	0.0	0.0	0
W _{M3} 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



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

BAM-test chart NE32; Colorimetric systems ORS18 & SRS18

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

input: `olv* setrgbcolor`

output: `olv* setrgbcolor / w* setgray`