

Input: Colorimetric Reflective System MRS18

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

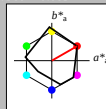
lab^*ch and lab^*nch

D65: hue R

LCH*Ma: 50 77 30

rgb*Ma: 1.0 0.0 0.0

triangle lightness t^*



%Gamut

$u^*_{rel} = 91$

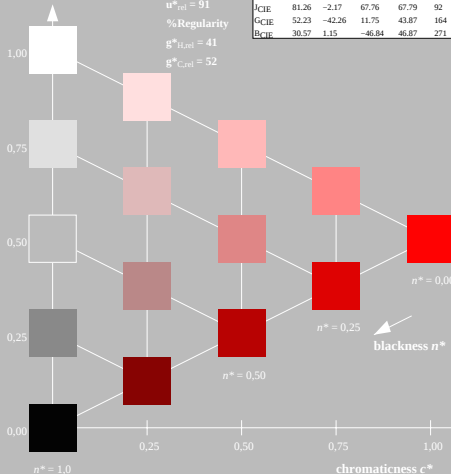
%Regularity

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

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

MRS18; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
RMa	49.63	66.96	38.37	77.18	30
JMa	90.7	-6.36	88.75	88.98	94
GMa	52.11	-69.73	9.44	70.37	172
G50BMa	45.03	-36.57	-28.47	46.36	218
BMa	36.65	23.19	-63.05	67.18	290
B50RMa	34.94	57.17	-44.26	72.31	322
NMa	18.01	0.0	0.0	0.0	0
WMa	95.41	0.0	0.0	0.0	0
RcIE	39.92	58.66	26.98	64.56	25
JcIE	81.26	-2.17	67.76	67.79	92
GcIE	52.23	-42.26	11.75	43.87	164
BcIE	30.57	1.15	-46.84	46.87	271



TE250-7, 5 step scales for constant CIELAB hue 30/360 = 0.083 (left)

Output: Colorimetric Reflective System ORS18

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

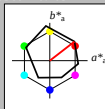
LAB^*LCH , LAB^*NCH

D65: hue O

LCH*Ma: 48 83 38

rgb*Ma: 1.0 0.0 0.0

CIELAB lightness L^*



%Gamut

$u^*_{rel} = 93$

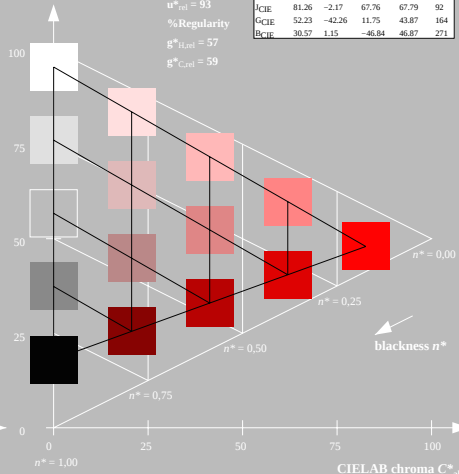
%Regularity

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

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

ORS18; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
Oa	47.94	65.37	50.52	82.62	38
Ya	90.37	-10.27	91.77	92.34	96
La	50.9	-62.79	34.95	71.87	151
Ca	58.62	-30.35	-45.01	54.3	236
Va	25.71	31.11	-44.42	54.24	305
Ma	18.01	0.0	0.0	0.0	0
NMa	48.13	75.27	-8.35	75.73	354
WMa	18.01	0.0	0.0	0.0	0
RcIE	39.92	58.66	26.98	64.56	25
JcIE	81.26	-2.17	67.76	67.79	92
GcIE	52.23	-42.26	11.75	43.87	164
BcIE	30.57	1.15	-46.84	46.87	271



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

BAM-test chart TE25; Colorimetric systems MRS18 & ORS18

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

input: `olv* setrgbcolor`

output: `olv* setrgbcolor / w* setgray`