

Input: Colorimetric Reflective System ORS18

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

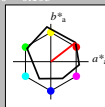
$\text{lab}^*ch$  and  $\text{lab}^*nh$

D65: hue 0

LCH\*Ma: 48 83 38

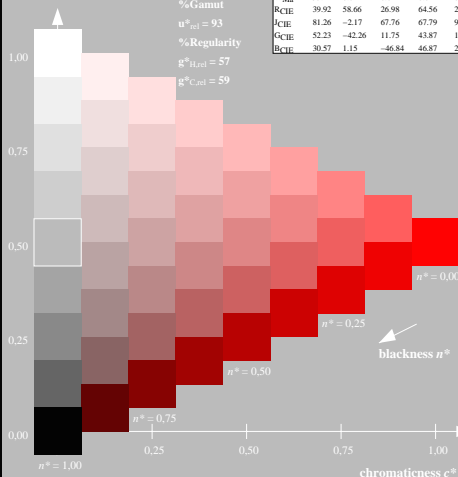
rgb\*Ma: 1.0 0.0 0.0

triangle lightness  $t^*$



	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
OMa	47.94	65.37	50.52	82.62	38
YMa	90.37	-10.27	91.77	92.34	96
LMa	50.9	-62.79	34.95	71.87	151
CMa	58.62	-30.35	-45.01	54.3	236
VMa	25.71	31.11	-44.42	54.24	305
MMa	48.13	75.27	-8.35	75.73	354
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

%Gamut  
 $u^*_{rel} = 93$   
%Regularity  
 $g^*_{H,rel} = 57$   
 $g^*_{C,rel} = 59$



Output: Colorimetric Reflective System NRS11

for hue  $h^* = \text{lab}^*h = 24/360 = 0.067$

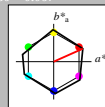
$\text{lab}^*ch$  and  $\text{lab}^*nh$

D65: hue R

LCH\*Ma: 53 84 24

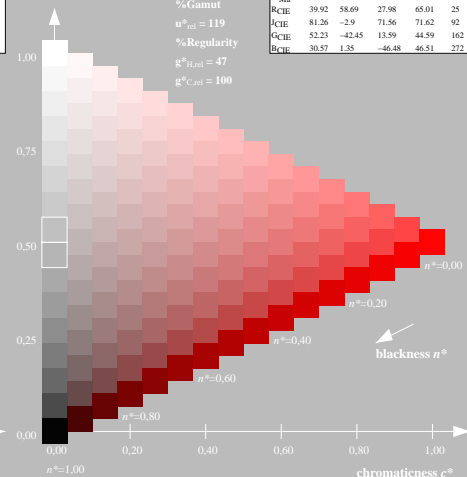
rgb\*Ma: 1.0 0.0 0.0

triangle lightness  $t^*$



	$L^*=L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
RMa	53.2	77.06	34.32	84.36	24
JMa	53.2	-1.51	84.38	84.39	91
GMa	53.2	-82.27	18.98	84.44	167
G90BMa	53.2	-77.72	-32.98	84.44	203
BMa	53.2	4.37	-84.28	84.41	273
B50BMa	53.2	69.09	-48.41	84.37	325
NMa	10.99	0.0	0.0	0.0	0
WMa	95.41	0.0	0.0	0.0	0
RCIE	39.92	58.69	27.98	65.01	25
JCIE	81.26	-2.9	71.56	71.62	92
GCIE	52.23	-42.45	13.99	44.59	162
BCIE	30.57	1.35	-46.48	46.51	272

%Gamut  
 $u^*_{rel} = 119$   
%Regularity  
 $g^*_{H,rel} = 47$   
 $g^*_{C,rel} = 100$



UE920-7, 9 step scales for constant CIELAB hue 38/360 = 0.105 (left)

16 step scales for constant CIELAB hue 24/360 = 0.067 (right)

BAM-test chart UE92; Colorimetric systems ORS18 & NRS11  
D65: 9 and 16 step colour scales for 10 hues

input: `cmy0* setcmykcolor`  
output: `olv* setrgbcolor / w* setgray`