

Input: Colorimetric Reflective System MRS18

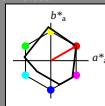
for hue $h^* = lab^*h = 30/360 = 0.083$

*lab*tch* and *lab*nch*

D65: hue R

LCH*Ma: 50 77 30

```
rgb*Ma: 1.0  0.0  0.0
```

triangle lightness t^* 

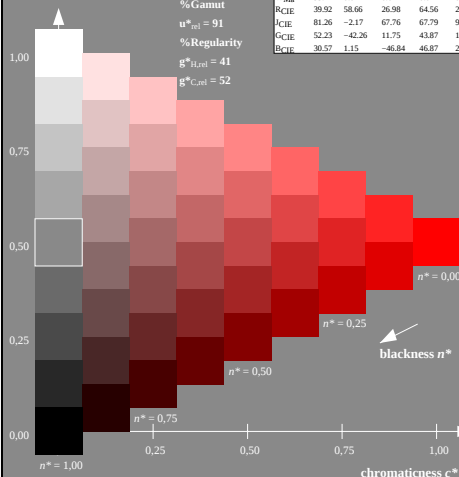
MRSlR; adapted (a) CIELab data					
	$L^* = L^*_a$	$a^* = a^*_a$	$b^* = b^*_a$	$C^*_{ab,a}$	h^*_{ab}
R _M a	49.63	66.96	38.37	77.18	30
G _M a	90.7	-63.36	88.75	88.98	94
C _M a	52.11	-69.73	94.44	70.37	172
G50B _M a	45.03	-36.57	-28.47	46.36	218
B _M a	36.65	23.19	-63.05	67.18	290
P50R _M a	34.94	57.17	-44.26	72.31	322
N _M a	18.01	0.0	0.0	0.0	0
W _M a	95.41	0.0	0.0	0.0	0
R _C IE	39.92	58.66	26.98	64.56	25
G _C IE	81.26	-2.17	67.76	67.79	92
C _C IE	52.23	-42.26	111.75	43.87	164
R _{CC}	30.57	1.15	-46.84	46.87	271

%Gamut

%Regularity

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

■ $\mu^*_{C_{rel}} = 52$



TE940-7, 9 step scales for constant CIELAB hue 30/360 = 0.083 (left)

BAM-test chart TE94; Colorimetric systems MRS18 & MRS18 D65: 9 and 16 step colour scales for 10 hues

Output: Colorimetric Reflective System MRS18

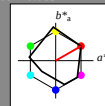
for hue $h^* = lab^*h = 30/360 = 0.083$

lab*tch and **lab*nch**

D65: hue R

LCH*Ma: 50 77 30

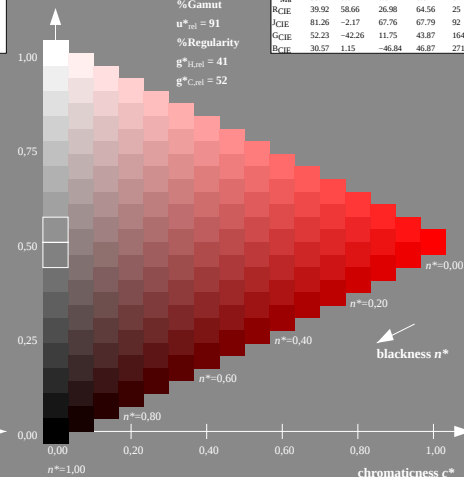
```
rgb*Ma: 1.0 0.0 0.0
```

triangle lightness t^* 

MRS18; adapted (a)		CIElab data			
	L^*	a^*	b^*	C^*_{ab}	h^*_{ab}
	L^*_{ab}	a^*_{ab}	b^*_{ab}		
R _{Ma}	49.63	66.96	38.37	77.18	30
J _{Ma}	90.7	-6.36	88.75	88.98	94
G _{Ma}	52.11	-69.73	9.44	70.37	172
G50B _{Ma}	45.03	-36.57	-28.47	46.36	218
B _{Ma}	36.65	23.19	-63.05	67.18	290
B50R _{Ma}	34.94	57.17	-44.26	72.31	322
N _{Ma}	18.01	0.0	0.0	0	0
W _{Ma}	95.41	0.0	0.0	0	0
R _{CIE}	39.92	58.66	26.98	64.56	25
J _{CIE}	81.26	-2.17	67.96	67.79	92
G _{CIE}	52.23	-42.26	11.15	43.87	164
R _{ccr}	30	57	15	-46.74	46.87

%Gamut

%Regularity

$$g^*_{H,[\Gamma]} = 41$$
 $m^*_{C_{\text{rel}}} = 52$ 

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

input: *olv* setrgbcolor*
output: *olv* setrgbcolor / w* setgray*