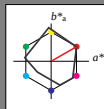


Input: Colorimetric Reflective System MRS18

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

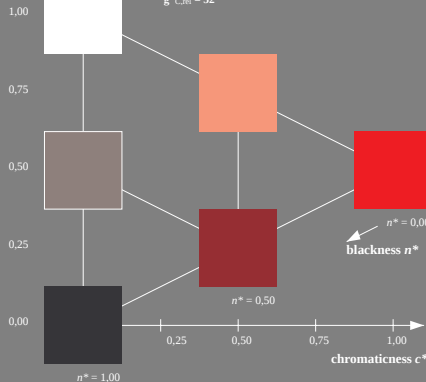
D65: hue R
LCH*Ma: 50 77 30
rgb*Ma: 1.0 0.0 0.0

triangle lightness t^*



%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
RClE	39.92	58.66	26.98	64.56	25
JClE	81.26	-2.17	67.76	67.79	92
GClE	52.23	-42.26	11.75	43.87	164
BClE	30.57	1.15	-46.84	46.87	271

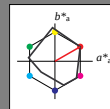


Output: Colorimetric Reflective System MRS18

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

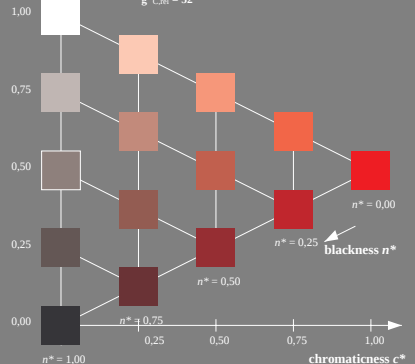
D65: hue R
LCH*Ma: 50 77 30
rgb*Ma: 1.0 0.0 0.0

triangle lightness t^*



%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
RClE	39.92	58.66	26.98	64.56	25
JClE	81.26	-2.17	67.76	67.79	92
GClE	52.23	-42.26	11.75	43.87	164
BClE	30.57	1.15	-46.84	46.87	271



UE640-7, 3 step scales for constant CIELAB hue 30/360 = 0.083 (left)

BAM-test chart UE64; Colorimetric systems MRS18 & MRS18 input: cmy0* setcmycolor
D65: 3 and 5 step colour scales for 10 hues

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

output: no change compared to input