

Input: Colorimetric Reflective System MRS18

for hue $h^* = \text{lab}^*h = 30/360 = 0.083$

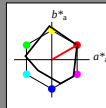
lab^*ch and lab^*nh

D65: hue R

LCH*Ma: 50 77 30

rgb*Ma: 1.0 0.0 0.0

triangle lightness t^*



%Gamut

$u^*_{\text{rel}} = 91$

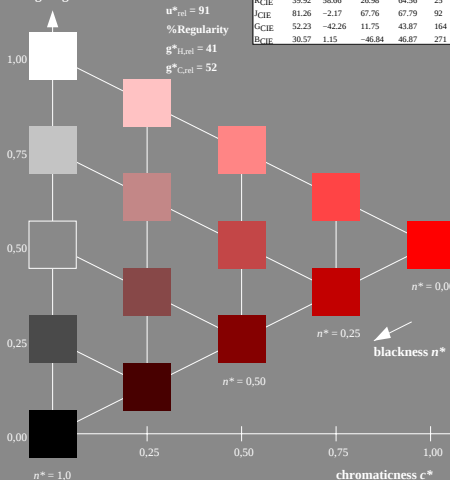
%Regularity

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

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

MRS18; adapted (a) CIELAB data

	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{\text{ab},a}$	$h^*_{\text{ab},a}$
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	0
W _{Ma}	95.41	0.0	0.0	0.0	0
R _{CIE}	39.92	58.66	26.98	64.56	25
J _{CIE}	81.26	-2.17	67.76	67.79	92
G _{CIE}	52.23	-42.26	11.75	43.87	164
B _{CIE}	30.57	1.15	-46.84	46.87	271



UE240-7, 5 step scales for constant CIELAB hue 30/360 = 0.083 (left)

Output: Colorimetric Reflective System MRS18

for hue $h^* = \text{lab}^*h = 30/360 = 0.083$

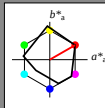
LAB^*LCH , LAB^*NCH

D65: hue R

LCH*Ma: 50 77 30

rgb*Ma: 1.0 0.0 0.0

CIELAB lightness L^*



%Gamut

$u^*_{\text{rel}} = 91$

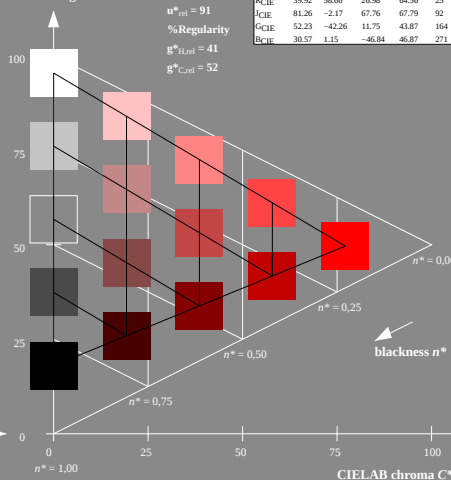
%Regularity

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

MRS18; adapted (a) CIELAB data

	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{\text{ab},a}$	$h^*_{\text{ab},a}$
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5 step scales for constant CIELAB hue 30/360 = 0.083 (right)

BAM-test chart UE24; Colorimetric systems MRS18 & MRS18
D65: Coordinate systems of 5 step colour scales for 10 hues

input: $\text{cmy0}^* \text{setcmykcolor}$
output: $\text{olv}^* \text{setrgbcolor} / \text{w}^* \text{setgray}$