

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

olw*Ma: 1.0 0.0 0.0

triangle lightness t^* 

%Gamut

 $u^*_{rel} = 91$

%Regularity

 $g^*_{H,rel} = 41$ $g^*_{C,rel} = 52$

relative Inform. Technology (IT)
 $olw^*3^* 1.0 1.0 1.0 (1.0)$
 $cmyn3^* 0.0 0.5 0.5 (0.0)$
 $olw^*4^* 1.0 1.0 1.0 (1.0)$
 $cmyn4^* 0.0 0.0 0.0 (0.0)$
 standard and adapted CIELAB
 $LAB^*LAB 95.41 -0.97 4.75$
 $LAB^*LAB 95.41 0.0 0.0$
 $LAB^*TCH 99.99 0.01 -$

relative CIELAB lab*
 $lab^*lab 1.0 0.5 0.0 (1.0)$
 $lab^*tch 1.0 0.0 -$
 $lab^*nch 0.0 0.0 -$
 relative Natural Colour (NC)
 $lab^*lrj 1.0 0.0 0.0$
 $lab^*tce 1.0 0.0 0.0$
 $lab^*nce 0.0 0.0 -$

relative Inform. Technology (IT)
 $olw^*3^* 0.5 0.5 0.5 (1.0)$
 $cmyn3^* 0.5 0.5 0.5 (0.0)$
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 $LAB^*LAB 56.71 -0.23 2.14$
 $LAB^*LAB 56.71 0.0 0.0$
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 standard and adapted CIELAB
 $LAB^*LAB 18.02 0.5 -0.46$
 $LAB^*LAB 18.02 0.0 0.0$
 $LAB^*TCH 0.01 0.01 -$

relative CIELAB lab*
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 $n^* = 1.0$

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 standard and adapted CIELAB
 $LAB^*LAB 72.52 32.93 22.4$
 $LAB^*LAB 72.52 33.47 19.18$
 $LAB^*TCH 75.0 38.58 29.82$

relative CIELAB lab*
 $lab^*lab 0.704 0.434 0.249$
 $lab^*tch 0.75 0.5 0.083$
 $lab^*nch 0.0 0.5 0.083$
 relative Natural Colour (NC)
 $lab^*lrj 0.704 0.496 0.06$
 $lab^*tce 0.75 0.5 0.019$
 $lab^*nce 0.0 0.5 0.071$

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blackness n^* chromaticness c^*

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
GMa	90.7	-6.36	88.75	88.98	94
JMa	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

 $n^* = 0.00$

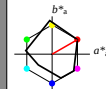
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lab^*nce	0.0	0.5	0.071

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 $n^* = 0.00$ chromaticness c^* $n^* = 0.50$ $n^* = 1.0$ BAM-test chart UE14; Colorimetric systems MRS18 & MRS18 input: `cmv0* setmkycolor`

D65: 2 coordinate data of 3 step colour scales for 10 hues

output: `olv* setrgbcolor / w* setgray`