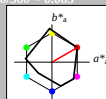


Input: Colorimetric Reflective System MRS18

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

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

triangle lightness t^*



%Gamut
 $u^*_{rel} = 91$
%Regularity
 $g^*_{H,rel} = 41$
 $g^*_{C,rel} = 52$

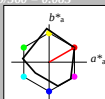
MRS18; adapted (a) CIELAB data						
	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
RMa	49.63	66.96	38.37	77.18	30	
GMa	90.7	-6.36	88.75	88.98	94	
GMa	52.11	-69.73	9.44	70.37	172	
G50BMa	45.03	-36.57	-28.47	46.36	218	
BMa	36.65	23.19	-63.05	67.18	290	
B50RMa	34.94	57.17	-44.26	72.31	322	
NMa	18.01	0.0	0.0	0.0	0	
NMa	95.41	0.0	0.0	0.0	0	
RCIE	39.92	58.66	26.98	64.56	25	
ICIE	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	

Output: Colorimetric Reflective System MRS18

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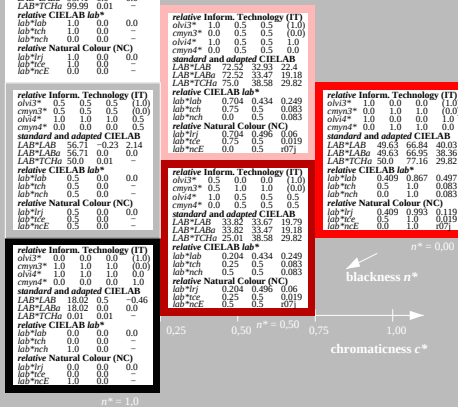
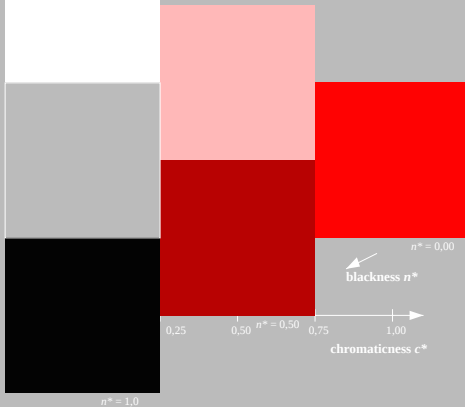
relative Inform. Technology (IT)
olvi3* 1.0 1.0 1.0 (1.0)
cmyn3* 0.0 0.0 0.0 (0.0)
olvi4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 95.41 -0.97 4.75
LAB*Lab 95.41 0.0 0.0
LAB*TChe 99.99 0.01 -
relative CIELAB lab*
lab*lab 1.0 0.0 0.0
lab*tch 1.0 0.0 -
lab*nch 0.0 0.0 -
olvi4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 72.52 23.47 19.18
LAB*Lab 72.52 33.47 19.18
LAB*TChe 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
olvi4* 1.0 0.0 0.0 (1.0)
cmyn4* 0.0 0.5 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 56.71 -0.23 2.14
LAB*Lab 56.71 0.0 0.0
LAB*TChe 50.0 0.01 -
relative CIELAB lab*
lab*lab 0.5 0.0 0.0
lab*tch 0.5 0.0 0.0
lab*nch 0.5 0.0 -
relative Natural Colour (NC)
lab*trj 0.704 0.496 0.06
lab*tce 0.75 0.5 0.019
lab*nce 0.0 0.5 0.071

relative Inform. Technology (IT)
olvi3* 1.0 0.5 0.5 (1.0)
cmyn3* 0.0 0.5 0.5 (0.0)
olvi4* 1.0 0.5 0.5 (1.0)
cmyn4* 0.0 0.5 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 72.52 23.47 19.18
LAB*Lab 72.52 33.47 19.18
LAB*TChe 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
olvi4* 1.0 0.0 0.0 (1.0)
cmyn4* 0.0 0.5 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 49.63 66.96 40.03
LAB*Lab 49.63 66.96 38.36
LAB*TChe 50.0 77.16 29.82
relative CIELAB lab*
lab*lab 0.409 0.867 0.497
lab*tch 0.409 0.993 0.119
lab*nch 0.0 1.0 0.019
relative Natural Colour (NC)
lab*trj 0.409 0.993 0.119
lab*tce 0.5 1.0 0.019
lab*nce 0.0 1.0 0.071

relative Inform. Technology (IT)
olvi3* 0.5 0.5 0.5 (1.0)
cmyn3* 0.5 0.5 0.5 (0.0)
olvi4* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 56.71 -0.23 2.14
LAB*Lab 56.71 0.0 0.0
LAB*TChe 50.0 0.01 -
relative CIELAB lab*
lab*lab 0.5 0.0 0.0
lab*tch 0.5 0.0 0.0
lab*nch 0.5 0.0 -
relative Natural Colour (NC)
lab*trj 0.704 0.496 0.06
lab*tce 0.75 0.5 0.019
lab*nce 0.0 0.5 0.071

relative Inform. Technology (IT)
olvi3* 0.5 0.0 0.0 (1.0)
cmyn3* 0.5 1.0 1.0 (0.0)
olvi4* 1.0 0.5 0.5 (1.0)
cmyn4* 0.0 0.5 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 33.83 33.67 19.79
LAB*Lab 33.83 33.67 19.18
LAB*TChe 25.01 38.58 29.82
relative CIELAB lab*
lab*lab 0.204 0.434 0.249
lab*tch 0.25 0.5 0.083
lab*nch 0.5 1.0 0.083
olvi4* 1.0 0.0 0.0 (1.0)
cmyn4* 0.0 0.5 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 20.04 49.6 0.06
LAB*Lab 20.04 49.6 0.019
LAB*TChe 0.25 0.5 0.071

relative Inform. Technology (IT)
olvi3* 1.0 0.0 0.0 (1.0)
cmyn3* 0.0 1.0 1.0 (0.0)
olvi4* 1.0 0.0 0.0 (1.0)
cmyn4* 0.0 1.0 1.0 (0.0)
standard and adapted CIELAB
LAB*LAB 49.63 66.96 40.03
LAB*Lab 49.63 66.96 38.36
LAB*TChe 50.0 77.16 29.82
relative CIELAB lab*
lab*lab 0.409 0.867 0.497
lab*tch 0.409 0.993 0.119
lab*nch 0.0 1.0 0.019
relative Natural Colour (NC)
lab*trj 0.409 0.993 0.119
lab*tce 0.5 1.0 0.019
lab*nce 0.0 1.0 0.071



0.040-7, 3 step scales for constant CIELAB hue 30/360 = 0.083 (left)

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

BAM-test chart TE04; Colorimetric systems MRS18 & MRS18
D65: 3 step colour scales and coordinate data for 10 hues

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