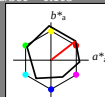


Input: Colorimetric Offset Reflective System ORS18

for hue $h^* = lab^*h = 38/360 = 0.105$
 lab^*tch and lab^*nch

D50: hue O
LCH*Ma: 48 82 38
olv*Ma: 1.0 0.0 0.0

triangle lightness t^*



%Gamut
 $u^*_{rel} = 94$
%Regularity
 $g^*_{H,rel} = 65$
 $g^*_{C,rel} = 60$

ORS18; adapted (a) CIELAB data

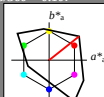
	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
OMa	47.94	65.05	50.54	82.38	38
YMa	91.0	-4.72	90.58	90.7	93
LMa	50.9	-63.18	34.98	72.22	151
CMa	56.99	-39.34	-48.1	62.16	231
VMa	25.72	30.89	-44.4	54.09	305
MMa	49.09	75.76	-4.64	75.9	356
NMa	18.09	0.0	0.0	0.0	0
WMa	95.46	0.0	0.0	0.0	0
RCIE	41.88	61.66	30.69	68.88	26
JCIE	81.97	2.02	67.79	67.82	88
GCIE	51.62	-41.32	9.74	42.46	167
BCIE	29.2	-5.79	-49.61	49.96	263

Output: Colorimetric Television Luminous System TLS00

for hue $h^* = lab^*h = 38/360 = 0.107$
 lab^*tch and lab^*nch

D50: hue O
LCH*Ma: 54 101 38
olv*Ma: 1.0 0.0 0.0

triangle lightness t^*



%Gamut
 $u^*_{rel} = 156$
%Regularity
 $g^*_{H,rel} = 26$
 $g^*_{C,rel} = 45$

TLS00; adapted (a) CIELAB data

	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
OMa	54.19	79.36	63.0	101.33	38
YMa	93.44	-14.18	82.59	83.8	100
LMa	82.82	-83.73	70.41	109.41	140
CMa	85.22	-55.9	-15.78	58.1	196
VMa	25.61	67.05	-108.87	127.87	302
MMa	58.76	91.18	-53.69	105.82	330
NMa	0.01	0.0	0.0	0.0	0
WMa	95.41	0.0	0.0	0.0	0
RCIE	41.88	62.0	31.82	69.69	27
JCIE	81.97	1.81	71.59	71.61	89
GCIE	51.62	-41.11	11.52	42.7	164
BCIE	29.2	-5.27	-49.33	49.62	264

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 0.0 0.0
LAB*Labo 95.41 0.0 0.0
LAB*TCHo 99.99 0.01 -

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

relative Inform. Technology (IT)
 $olvi3^* 0.5 0.5 0.5 (1.0)$
 $cmyn3^* 0.0 0.5 0.5 (0.0)$
 $olvi4^* 1.0 1.0 1.0 0.5$
 $cmyn4^* 0.0 0.0 0.0 0.5$

standard and adapted CIELAB
LAB*LAB 47.72 0.0 0.0
LAB*Labo 47.72 0.0 0.0
LAB*TCHo 50.0 0.01 -

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

relative Inform. Technology (IT)
 $olvi3^* 0.0 0.0 0.0 (1.0)$
 $cmyn3^* 1.0 1.0 1.0 (0.0)$
 $olvi4^* 1.0 1.0 1.0 1.0$
 $cmyn4^* 0.0 0.0 0.0 1.0$

standard and adapted CIELAB
LAB*LAB 0.03 0.0 0.0
LAB*Labo 0.03 0.0 0.0
LAB*TCHo 0.01 0.01 -

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

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 74.79 39.67 31.49
LAB*Labo 74.79 31.49 31.49
LAB*TCHo 75.0 50.65 38.44

relative CIELAB lab*
 $lab^*lab 0.784 0.392 0.311$
 $lab^*tch 0.75 0.5 0.107$
 $lab^*nch 0.0 0.5 0.107$
relative Natural Colour (NC)
 $lab^*trj 0.784 0.479 0.142$
 $lab^*tce 0.75 0.5 0.046$
 $lab^*nce 0.0 0.5 [r18]$

relative Inform. Technology (IT)
 $olvi3^* 0.5 0.0 0.0 (1.0)$
 $cmyn3^* 0.5 1.0 1.0 (0.0)$
 $olvi4^* 1.0 0.5 0.5 0.5$
 $cmyn4^* 0.0 0.5 0.5 0.5$

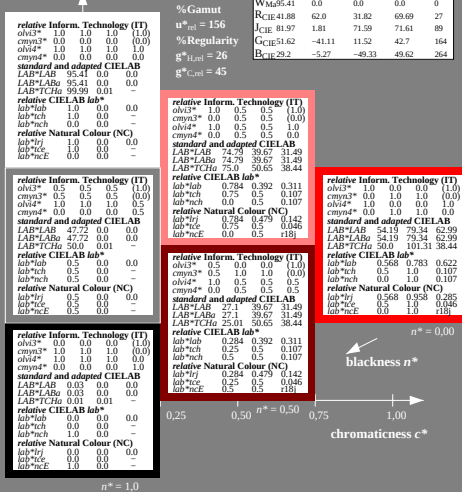
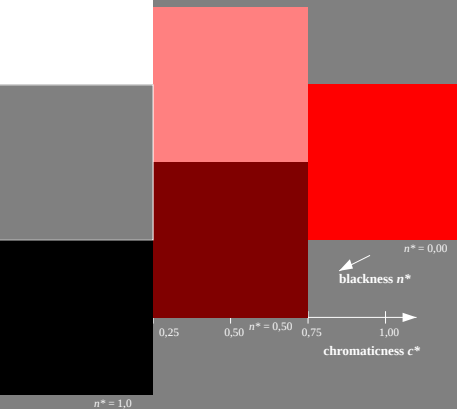
standard and adapted CIELAB
LAB*LAB 27.1 39.67 31.49
LAB*Labo 27.1 39.67 31.49
LAB*TCHo 25.01 50.65 38.44

relative CIELAB lab*
 $lab^*lab 0.284 0.392 0.311$
 $lab^*tch 0.25 0.5 0.107$
 $lab^*nch 0.0 0.5 0.107$
relative Natural Colour (NC)
 $lab^*trj 0.284 0.479 0.142$
 $lab^*tce 0.25 0.5 0.046$
 $lab^*nce 0.0 0.5 [r18]$

relative Inform. Technology (IT)
 $olvi3^* 1.0 0.0 0.0 (1.0)$
 $cmyn3^* 0.0 1.0 1.0 (0.0)$
 $olvi4^* 1.0 0.0 0.0 1.0$
 $cmyn4^* 0.0 0.0 0.0 1.0$

standard and adapted CIELAB
LAB*LAB 54.19 79.34 62.99
LAB*Labo 54.19 79.34 62.99
LAB*TCHo 50.0 101.31 38.44

relative CIELAB lab*
 $lab^*lab 0.568 0.783 0.622$
 $lab^*tch 0.5 1.0 0.107$
 $lab^*nch 0.0 1.0 0.107$
relative Natural Colour (NC)
 $lab^*trj 0.568 0.958 0.285$
 $lab^*tce 0.5 1.0 0.046$
 $lab^*nce 0.0 1.0 [r18]$



PE000-7, 3 step scales for constant CIELAB hue 38/360 = 0.105 (left)

3 step scales for constant CIELAB hue 38/360 = 0.107 (right)

BAM-test chart PE00; Colorimetric systems ORS18 & TLS00
D50: 3 step colour scales and coordinate data for 10 hues

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