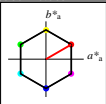


Input: Colorimetric Standard Reflective System SRS18

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

D65: hue O
 LCH*Ma: 57 77 30
 olv*Ma: 1.0 0.0 0.0

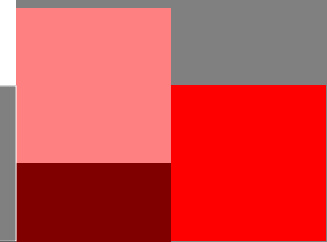
triangle lightness l^*



SRS18; adapted (a) CIELAB data

L^*	a^*	b^*	$C^*_{ab,a}$	$h^*_{ab,a}$	
OMa	56.71	67.03	38.7	77.4	30
YMa	56.71	0.0	77.4	77.4	90
LMa	56.71	-67.02	38.7	77.4	150
CMa	56.71	-67.02	-38.69	77.4	210
VMa	56.71	0.0	-77.39	77.4	270
MMa	56.71	67.03	-38.69	77.4	330
NMa	18.01	0.0	0.0	0.0	0
WMa	95.41	0.0	0.0	0.0	0
RCIE	39.92	58.74	27.99	65.07	25
JCIIE	81.26	-2.88	71.56	71.62	92
GCIE	52.23	-42.41	13.6	44.55	162
BCIE	30.57	1.41	-46.46	46.49	272

%Gamut
 $u^*_{rel} = 100$
 %Regularity
 $g^*_{H,rel} = 100$
 $g^*_{C,rel} = 100$



$n^* = 0.00$

blackness n^*

0.25 0.50 $n^* = 0.50$ 0.75 1.00

chromaticness c^*

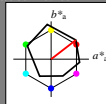
$n^* = 1.0$

Output: Colorimetric Offset Reflective System ORS18

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

D65: hue O
 LCH*Ma: 48 83 38
 olv*Ma: 1.0 0.0 0.0

triangle lightness l^*



ORS18; adapted (a) CIELAB data

L^*	a^*	b^*	$C^*_{ab,a}$	$h^*_{ab,a}$	
OMa	47.94	65.39	50.52	82.63	38
YMa	90.37	-10.26	91.75	92.32	96
LMa	50.9	-62.83	34.96	71.91	151
CMa	58.62	-30.34	-45.01	54.3	236
VMa	25.72	31.1	-44.4	54.22	305
MMa	48.13	75.28	-8.36	75.74	354
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	64.57	25
JCIIE	81.26	-2.16	67.76	67.79	92
GCIE	52.23	-42.25	11.76	43.87	164
BCIE	30.57	1.15	-46.84	46.86	271

%Gamut
 $u^*_{rel} = 93$
 %Regularity
 $g^*_{H,rel} = 57$
 $g^*_{C,rel} = 59$

relative Inform. Technology (IT)
 $olvi3^* = 1.0$ 1.0 1.0 (1.0)
 $olvi4^* = 0.0$ 0.0 0.0 (0.0)
 $olvi5^* = 0.0$ 0.0 0.0 (0.0)
standard and adapted CIELAB
 $LAB^*LAB = 95.41$ -0.98 4.75
 $LAB^*LAb_a = 0.0$ 0.0 0.0
 $LAB^*TCh_a = 99.99$ 0.01 -

relative Inform. Technology (IT)
 $olvi3^* = 1.0$ 0.5 0.5 (1.0)
 $olvi4^* = 1.0$ 0.5 0.5 (0.0)
 $olvi5^* = 0.0$ 0.5 0.5 (0.0)
standard and adapted CIELAB
 $LAB^*LAB = 71.67$ 32.15 28.41
 $LAB^*LAb_a = 71.67$ 32.69 25.25
 $LAB^*TCh_a = 75.0$ 41.31 37.69

relative Inform. Technology (IT)
 $olvi3^* = 1.0$ 0.0 0.0 (1.0)
 $olvi4^* = 1.0$ 0.0 0.0 (1.0)
 $olvi5^* = 0.0$ 1.0 1.0 (0.0)
standard and adapted CIELAB
 $LAB^*LAB = 47.94$ 65.3 52.06
 $LAB^*LAb_a = 47.94$ 65.37 50.51
 $LAB^*TCh_a = 50.0$ 82.61 37.69

relative CIELAB lab*
 $lab^*lab = 0.693$ 0.396 0.306
 $lab^*tch = 0.75$ 0.5 0.105
 $lab^*nch = 0.0$ 0.5 0.105
relative Natural Colour (NC)
 $lab^*l^*r_j = 1.0$ 0.0 0.0
 $lab^*t^*c_e = 0.0$ 0.0 -

relative Inform. Technology (IT)
 $olvi3^* = 0.5$ 0.0 0.0 (1.0)
 $olvi4^* = 0.5$ 1.0 1.0 (0.0)
 $olvi5^* = 1.0$ 0.5 0.5 (0.5)
 $olvi6^* = 0.0$ 0.5 0.5 (0.5)
standard and adapted CIELAB
 $LAB^*LAB = 32.98$ 32.9 25.8
 $LAB^*LAb_a = 32.98$ 32.69 25.25
 $LAB^*TCh_a = 25.01$ 41.31 37.69

relative CIELAB lab*
 $lab^*lab = 0.387$ 0.791 0.611
 $lab^*tch = 0.5$ 1.0 0.105
 $lab^*nch = 0.0$ 1.0 0.105
relative Natural Colour (NC)
 $lab^*l^*r_j = 0.387$ 0.954 0.299
 $lab^*t^*c_e = 0.5$ 1.0 0.048
 $lab^*n^*E = 0.0$ 1.0 0.191

relative Inform. Technology (IT)
 $olvi2^* = 0.0$ 0.0 0.0 (1.0)
 $olvi3^* = 1.0$ 1.0 1.0 (0.0)
 $olvi4^* = 0.0$ 0.0 0.0 (1.0)
standard and adapted CIELAB
 $LAB^*LAB = 18.02$ 0.5 -0.47
 $LAB^*LAb_a = 18.02$ 0.0 0.0
 $LAB^*TCh_a = 0.01$ 0.01 -

relative CIELAB lab*
 $lab^*lab = 0.193$ 0.396 0.306
 $lab^*tch = 0.25$ 0.5 0.105
 $lab^*nch = 0.5$ 0.5 0.105
relative Natural Colour (NC)
 $lab^*l^*r_j = 0.193$ 0.477 0.15
 $lab^*t^*c_e = 0.25$ 0.5 0.048
 $lab^*n^*E = 0.5$ 0.5 0.191

$n^* = 0.00$

blackness n^*

0.25 0.50 $n^* = 0.50$ 0.75 1.00

chromaticness c^*

$n^* = 1.0$

NE07-7, 3 step scales for constant CIELAB hue 30/360 = 0.083 (left)

3 step scales for constant CIELAB hue 38/360 = 0.105 (right)

BAM-test chart NE07; Colorimetric systems SRS18 & ORS18
 D65: 3 step colour scales and coordinate data for 10 hues

input: $olv^* setrgbcolor$
 output: no change compared to input

See for similar files: <http://www.ps.bam.de/NE07/>
 Technical information: <http://www.ps.bam.de/>
 Version 2.1, io=1,1

BAM registration: 20060101-NE07/L07E00N1.PS/.TXT
 application for evaluation and measurement of printer or monitor systems

BAM material: code=th4ta
 NE07: Form 110 Series 11, Page 1
 Page count: 1