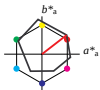


Input: Colorimetric Reflective System ORS18

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

D65: hue O
LCH^{Ma}: 48 83 38
ol^vMa: 1.0 0.0 0.0

triangle lightness t^*



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

relative Inform. Technology (IT)
ol^v3* 1.0 1.0 1.0 (1.0)
cm^y3* 0.0 0.0 0.0 (0.0)
ol^v4* 1.0 1.0 1.0 1.0
cm^y4* 0.0 0.0 0.0 0.0
standard and adapted CIELAB
LAB*LAB 95.41 -0.97 4.75
LAB*LABo 95.41 0.0 0.0
LAB*TC_{Ho} 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*lrj 1.0 0.0 0.0
lab*nce 1.0 0.0 0.0
lab*nce 0.0 0.0 -

relative Inform. Technology (IT)
ol^v3* 0.5 0.5 0.5 (1.0)
cm^y3* 0.5 0.5 0.5 (0.0)
ol^v4* 1.0 1.0 1.0 0.5
cm^y4* 0.0 0.0 0.0 0.5
standard and adapted CIELAB
LAB*LAB 56.71 -0.23 2.14
LAB*LABo 56.71 0.0 0.0
LAB*TC_{Ho} 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*lrj 0.5 0.0 0.0
lab*nce 0.5 0.0 0.0
lab*nce 0.5 0.0 -

relative Inform. Technology (IT)
ol^v3* 0.0 0.0 0.0 (1.0)
cm^y3* 1.0 1.0 1.0 (0.0)
ol^v4* 1.0 1.0 1.0 0.0
cm^y4* 0.0 0.0 0.0 1.0
standard and adapted CIELAB
LAB*LAB 18.02 0.5 -0.46
LAB*LABo 18.02 0.0 0.0
LAB*TC_{Ho} 0.01 0.01 -

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

$n^* = 1.0$

relative Inform. Technology (IT)
ol^v3* 1.0 0.5 0.5 (1.0)
cm^y3* 0.0 0.5 0.5 (0.0)
ol^v4* 1.0 0.5 0.5 0.0
cm^y4* 0.0 0.5 0.5 0.0
standard and adapted CIELAB
LAB*LAB 71.67 32.15 28.41
LAB*LABo 71.67 32.16 28.42
LAB*TC_{Ho} 75.0 41.3 37.7

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*lrj 0.693 0.477 0.15
lab*nce 0.75 0.5 0.048
lab*nce 0.0 0.5 0.15

relative Inform. Technology (IT)
ol^v3* 0.5 0.0 0.0 (1.0)
cm^y3* 0.5 1.0 1.0 (0.0)
ol^v4* 1.0 0.5 0.5 0.5
cm^y4* 0.0 0.5 0.5 0.5
standard and adapted CIELAB
LAB*LAB 32.98 32.9 25.8
LAB*LABo 32.98 32.68 25.25
LAB*TC_{Ho} 25.01 41.3 37.7

relative CIELAB lab*
lab*lab 0.193 0.396 0.306
lab*tch 0.25 0.5 0.105
lab*nch 0.0 0.5 0.105
relative Natural Colour (NC)
lab*lrj 0.193 0.477 0.15
lab*nce 0.25 0.5 0.048
lab*nce 0.0 0.5 0.15

relative Inform. Technology (IT)
ol^v3* 1.0 0.0 0.0 (1.0)
cm^y3* 0.0 1.0 1.0 (0.0)
ol^v4* 1.0 0.0 1.0 0.0
cm^y4* 0.0 0.0 1.0 0.0
standard and adapted CIELAB
LAB*LAB 47.95 65.29 52.06
LAB*LABo 47.95 65.36 50.51
LAB*TC_{Ho} 50.0 82.6 37.7

relative CIELAB lab*
lab*lab 0.387 0.791 0.611
lab*tch 0.387 0.5 0.105
lab*nch 0.0 1.0 0.105
relative Natural Colour (NC)
lab*lrj 0.387 0.5 0.048
lab*nce 0.5 1.0 0.299
lab*nce 0.0 1.0 0.15

$n^* = 0.00$

blackness n^*

chromaticness c^*

Output: 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
ol^vMa: 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)
ol^v3* 1.0 1.0 1.0 (1.0)
cm^y3* 0.0 0.0 0.0 (0.0)
ol^v4* 1.0 1.0 1.0 1.0
cm^y4* 0.0 0.0 0.0 0.0
standard and adapted CIELAB
LAB*LAB 95.41 -0.97 4.75
LAB*LABo 95.41 0.0 0.0
LAB*TC_{Ho} 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*lrj 1.0 0.0 0.0
lab*nce 1.0 0.0 0.0
lab*nce 0.0 0.0 -

relative Inform. Technology (IT)
ol^v3* 0.5 0.5 0.5 (1.0)
cm^y3* 0.5 0.5 0.5 (0.0)
ol^v4* 1.0 1.0 1.0 0.5
cm^y4* 0.0 0.5 0.5 0.5
standard and adapted CIELAB
LAB*LAB 56.71 -0.23 2.14
LAB*LABo 56.71 0.0 0.0
LAB*TC_{Ho} 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*lrj 0.5 0.0 0.0
lab*nce 0.5 0.0 0.0
lab*nce 0.5 0.0 -

relative Inform. Technology (IT)
ol^v3* 0.0 0.0 0.0 (1.0)
cm^y3* 1.0 1.0 1.0 (0.0)
ol^v4* 1.0 1.0 1.0 0.0
cm^y4* 0.0 0.0 0.0 1.0
standard and adapted CIELAB
LAB*LAB 18.02 0.5 -0.46
LAB*LABo 18.02 0.0 0.0
LAB*TC_{Ho} 0.01 0.01 -

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

$n^* = 1.0$

relative Inform. Technology (IT)
ol^v3* 1.0 0.5 0.5 (1.0)
cm^y3* 0.0 0.5 0.5 (0.0)
ol^v4* 1.0 0.5 0.5 0.0
cm^y4* 0.0 0.5 0.5 0.0
standard and adapted CIELAB
LAB*LAB 72.52 32.93 22.4
LAB*LABo 72.52 32.97 19.18
LAB*TC_{Ho} 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*nce 0.75 0.5 0.019
lab*nce 0.0 0.5 0.071

relative Inform. Technology (IT)
ol^v3* 0.5 0.0 0.0 (1.0)
cm^y3* 0.5 1.0 1.0 (0.0)
ol^v4* 1.0 0.5 0.5 0.5
cm^y4* 0.0 0.5 0.5 0.5
standard and adapted CIELAB
LAB*LAB 33.83 33.67 19.79
LAB*LABo 33.82 33.47 19.18
LAB*TC_{Ho} 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 0.0 1.0 0.083
relative Natural Colour (NC)
lab*lrj 0.204 0.496 0.06
lab*nce 0.25 0.5 0.019
lab*nce 0.0 1.0 0.071

$n^* = 0.00$

blackness n^*

chromaticness c^*