

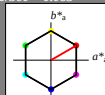
Input: Colorimetric Standard Reflective System SRS18

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 t^* 

% Gamut

 $u^*_{rel} = 100$

% Regularity

 $g^*_{H,rel} = 100$ $g^*_{C,rel} = 100$

relative Inform. Technology (IT)
 $olv^*3^* = 1.0 \ 1.0 \ 1.0 \ (1.0)$
 $cmyn^*3^* = 0.0 \ 0.0 \ 0.0 \ (0.0)$
 $olv^*4^* = 1.0 \ 1.0 \ 1.0 \ (1.0)$
 $cmyn^*4^* = 0.0 \ 0.0 \ 0.0 \ (0.0)$

standard and adapted CIELAB
 $LAB^*LAB = 95.41 \ 0.0 \ 0.0$
 $LAB^*LAB_0 = 95.41 \ 0.0 \ 0.0$
 $LAB^*TCH_0 = 39.39 \ 0.01$

relative CIELAB lab*
 $lab^*lab = 1.0 \ 0.5 \ 0.0 \ (0.0)$
 $lab^*tch = 1.0 \ 0.0 \ -$
 $lab^*nch = 0.0 \ 0.0 \ -$

relative Natural Colour (NC)
 $lab^*lrj = 1.0 \ 0.0 \ 0.0$
 $lab^*tce = 1.0 \ 0.0 \ -$
 $lab^*nce = 0.0 \ 0.0 \ -$

relative Inform. Technology (IT)
 $olv^*3^* = 0.5 \ 0.5 \ 0.5 \ (1.0)$
 $cmyn^*3^* = 0.5 \ 0.5 \ 0.5 \ (0.0)$
 $olv^*4^* = 1.0 \ 1.0 \ 1.0 \ (0.5)$
 $cmyn^*4^* = 0.0 \ 0.0 \ 0.0 \ (0.5)$

standard and adapted CIELAB
 $LAB^*LAB = 56.72 \ 0.0 \ 0.0$
 $LAB^*LAB_0 = 56.72 \ 0.0 \ 0.0$
 $LAB^*TCH_0 = 30.0 \ 0.01$

relative CIELAB lab*
 $lab^*lab = 0.5 \ 0.0 \ 0.0 \ (0.0)$
 $lab^*tch = 0.5 \ 0.0 \ -$
 $lab^*nch = 0.5 \ 0.0 \ -$

relative Natural Colour (NC)
 $lab^*lrj = 0.5 \ 0.0 \ 0.0$
 $lab^*tce = 0.5 \ 0.0 \ -$
 $lab^*nce = 0.5 \ 0.0 \ -$

relative Inform. Technology (IT)
 $olv^*3^* = 1.0 \ 1.0 \ 1.0 \ (0.0)$
 $cmyn^*3^* = 1.0 \ 1.0 \ 1.0 \ (0.0)$
 $olv^*4^* = 0.0 \ 0.0 \ 0.0 \ (1.0)$
 $cmyn^*4^* = 0.0 \ 0.0 \ 0.0 \ (1.0)$

standard and adapted CIELAB
 $LAB^*LAB = 18.03 \ 0.0 \ 0.0$
 $LAB^*LAB_0 = 18.03 \ 0.0 \ 0.0$
 $LAB^*TCH_0 = 0.01 \ 0.01$

relative CIELAB lab*
 $lab^*lab = 0.0 \ 0.0 \ 0.0 \ (0.0)$
 $lab^*tch = 1.0 \ 0.0 \ -$
 $lab^*nch = 1.0 \ 0.0 \ -$

relative Natural Colour (NC)
 $lab^*lrj = 0.0 \ 0.0 \ 0.0$
 $lab^*tce = 0.0 \ 0.0 \ -$
 $lab^*nce = 1.0 \ 0.0 \ -$

 $n^* = 1.0$

relative Inform. Technology (IT)
 $olv^*3^* = 1.0 \ 0.5 \ 0.5 \ (1.0)$
 $cmyn^*3^* = 0.0 \ 0.5 \ 0.5 \ (0.0)$
 $olv^*4^* = 1.0 \ 0.5 \ 0.0 \ (0.0)$
 $cmyn^*4^* = 0.0 \ 0.5 \ 0.0 \ (0.0)$

standard and adapted CIELAB
 $LAB^*LAB = 76.06 \ 33.51 \ 19.35$
 $LAB^*LAB_0 = 76.06 \ 33.51 \ 19.35$
 $LAB^*TCH_0 = 75.0 \ 38.69 \ 30.0$

relative CIELAB lab*
 $lab^*lab = 0.75 \ 0.433 \ 0.25$
 $lab^*tch = 0.75 \ 0.5 \ 0.083$
 $lab^*nch = 0.0 \ 0.5 \ 0.083$

relative Natural Colour (NC)
 $lab^*lrj = 0.75 \ 0.497 \ 0.053$
 $lab^*tce = 0.75 \ 0.5 \ 0.017$
 $lab^*nce = 0.0 \ 0.5 \ r06j$

relative Inform. Technology (IT)
 $olv^*3^* = 0.5 \ 0.0 \ 0.0 \ (1.0)$
 $cmyn^*3^* = 0.5 \ 1.0 \ 0.0 \ (0.0)$
 $olv^*4^* = 1.0 \ 0.5 \ 0.5 \ (0.5)$
 $cmyn^*4^* = 0.0 \ 0.5 \ 0.5 \ (0.5)$

standard and adapted CIELAB
 $LAB^*LAB = 37.36 \ 33.51 \ 19.35$
 $LAB^*LAB_0 = 37.36 \ 33.51 \ 19.35$
 $LAB^*TCH_0 = 25.01 \ 38.69 \ 30.0$

relative CIELAB lab*
 $lab^*lab = 0.25 \ 0.433 \ 0.25$
 $lab^*tch = 0.25 \ 0.5 \ 0.083$
 $lab^*nch = 0.5 \ 1.0 \ 0.083$

relative Natural Colour (NC)
 $lab^*lrj = 0.25 \ 0.497 \ 0.053$
 $lab^*tce = 0.25 \ 0.5 \ 0.017$
 $lab^*nce = 0.5 \ 0.5 \ r06j$

 $n^* = 0.00$ blackness n^*

0.25 0.50 $n^* = 0.50$ 0.75 1.00

chromaticness c^*

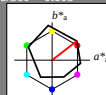
Output: Colorimetric Offset Reflective System ORS18

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 t^* 

% Gamut

 $u^*_{rel} = 93$

% Regularity

 $g^*_{H,rel} = 57$ $g^*_{C,rel} = 59$

relative Inform. Technology (IT)
 $olv^*3^* = 1.0 \ 1.0 \ 1.0 \ (1.0)$
 $cmyn^*3^* = 0.0 \ 0.0 \ 0.0 \ (0.0)$
 $olv^*4^* = 1.0 \ 1.0 \ 1.0 \ (1.0)$
 $cmyn^*4^* = 0.0 \ 0.0 \ 0.0 \ (0.0)$

standard and adapted CIELAB
 $LAB^*LAB = 95.41 \ -0.98 \ 4.75$
 $LAB^*LAB_0 = 95.41 \ 0.0 \ 0.0$
 $LAB^*TCH_0 = 99.99 \ 0.01$

relative CIELAB lab*
 $lab^*lab = 1.0 \ 0.0 \ 0.0 \ (0.0)$
 $lab^*tch = 1.0 \ 0.0 \ -$
 $lab^*nch = 0.0 \ 0.0 \ -$

relative Natural Colour (NC)
 $lab^*lrj = 1.0 \ 0.0 \ 0.0$
 $lab^*tce = 1.0 \ 0.0 \ -$
 $lab^*nce = 0.0 \ 0.0 \ -$

relative Inform. Technology (IT)
 $olv^*3^* = 0.5 \ 0.5 \ 0.5 \ (1.0)$
 $cmyn^*3^* = 0.5 \ 0.5 \ 0.5 \ (0.0)$
 $olv^*4^* = 1.0 \ 1.0 \ 1.0 \ (0.5)$
 $cmyn^*4^* = 0.0 \ 1.0 \ 1.0 \ (0.5)$

standard and adapted CIELAB
 $LAB^*LAB = 56.71 \ -0.24 \ 2.14$
 $LAB^*LAB_0 = 56.71 \ 0.0 \ 0.0$
 $LAB^*TCH_0 = 50.0 \ 0.01$

relative CIELAB lab*
 $lab^*lab = 0.5 \ 0.0 \ 0.0 \ (0.0)$
 $lab^*tch = 0.5 \ 0.0 \ -$
 $lab^*nch = 0.5 \ 0.0 \ -$

relative Natural Colour (NC)
 $lab^*lrj = 0.5 \ 0.0 \ 0.0$
 $lab^*tce = 0.5 \ 0.0 \ -$
 $lab^*nce = 0.5 \ 0.0 \ -$

relative Inform. Technology (IT)
 $olv^*3^* = 0.0 \ 0.0 \ 0.0 \ (1.0)$
 $cmyn^*3^* = 1.0 \ 1.0 \ 1.0 \ (0.0)$
 $olv^*4^* = 0.0 \ 1.5 \ 0.5 \ (0.0)$
 $cmyn^*4^* = 0.0 \ 0.0 \ 1.0 \ (1.0)$

standard and adapted CIELAB
 $LAB^*LAB = 18.02 \ 0.5 \ -0.47$
 $LAB^*LAB_0 = 18.02 \ 0.0 \ 0.0$
 $LAB^*TCH_0 = 0.01 \ 0.01$

relative CIELAB lab*
 $lab^*lab = 0.0 \ 0.0 \ 0.0 \ (0.0)$
 $lab^*tch = 1.0 \ 0.0 \ -$
 $lab^*nch = 1.0 \ 0.0 \ -$

relative Natural Colour (NC)
 $lab^*lrj = 0.0 \ 0.0 \ 0.0$
 $lab^*tce = 0.0 \ 0.0 \ -$
 $lab^*nce = 1.0 \ 0.0 \ -$

 $n^* = 1.0$

relative Inform. Technology (IT)
 $olv^*3^* = 1.0 \ 0.5 \ 0.5 \ (1.0)$
 $cmyn^*3^* = 0.0 \ 0.5 \ 0.5 \ (0.0)$
 $olv^*4^* = 1.0 \ 0.5 \ 0.0 \ (0.0)$
 $cmyn^*4^* = 0.0 \ 0.5 \ 0.0 \ (0.0)$

standard and adapted CIELAB
 $LAB^*LAB = 71.67 \ 32.15 \ 28.41$
 $LAB^*LAB_0 = 71.67 \ 32.15 \ 28.41$
 $LAB^*TCH_0 = 75.0 \ 41.31 \ 37.69$

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)
 $lab^*lrj = 0.693 \ 0.477 \ 0.15$
 $lab^*tce = 0.75 \ 0.5 \ 0.048$
 $lab^*nce = 0.0 \ 0.5 \ r19j$

relative Inform. Technology (IT)
 $olv^*3^* = 0.5 \ 0.0 \ 0.0 \ (1.0)$
 $cmyn^*3^* = 0.5 \ 1.0 \ 0.0 \ (0.0)$
 $olv^*4^* = 1.0 \ 0.5 \ 0.5 \ (0.5)$
 $cmyn^*4^* = 0.0 \ 0.5 \ 0.5 \ (0.5)$

standard and adapted CIELAB
 $LAB^*LAB = 32.98 \ 32.9 \ 25.8$
 $LAB^*LAB_0 = 32.98 \ 32.69 \ 25.25$
 $LAB^*TCH_0 = 25.01 \ 41.31 \ 37.69$

relative CIELAB lab*
 $lab^*lab = 0.193 \ 0.396 \ 0.306$
 $lab^*tch = 0.25 \ 0.5 \ 0.105$
 $lab^*nch = 0.5 \ 1.0 \ 0.105$

relative Natural Colour (NC)
 $lab^*lrj = 0.193 \ 0.477 \ 0.15$
 $lab^*tce = 0.25 \ 0.5 \ 0.048$
 $lab^*nce = 0.5 \ 0.5 \ r19j$

 $n^* = 0.00$ blackness n^*

0.25 0.50 $n^* = 0.50$ 0.75 1.00

chromaticness c^*

BAM-test chart NE17; Colorimetric systems SRS18 & ORS18

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

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

input: $olv^* \text{setrgbcolor}$ output: $olv^* \text{setrgbcolor} / w^* \text{setgray}$