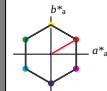


Input: Colorimetric Standard Reflective System SRS18

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)
olv3* 1.0 1.0 1.0 (1.0)
cmyn3* 0.0 0.0 0.0 (0.0)
olv4* 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 -

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

standard and adapted CIELAB
LAB*LAB 56.72 0.0 0.0
LAB*LABo 56.72 0.0 0.0
LAB*TCHo 30.0 0.01

relative CIELAB lab*
lab*lab 0.5 0.0 0.0
lab*tch 0.5 0.0 -

relative Natural Colour (NC)
lab*lrj 0.5 0.0 0.0
lab*nch 0.5 0.0 -

standard and adapted CIELAB
LAB*LAB 18.03 0.0 0.0
LAB*LABo 18.03 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 -

relative Natural Colour (NC)
lab*lrj 0.0 0.0 0.0
lab*nch 0.0 0.0 -

standard and adapted CIELAB
LAB*LAB 0.0 0.0 0.0
LAB*LABo 0.0 0.0 0.0
LAB*TCHo 0.0 0.0

relative CIELAB lab*
lab*lab 0.0 0.0 0.0
lab*tch 0.0 0.0 -

relative Natural Colour (NC)
lab*lrj 0.0 0.0 0.0
lab*nch 0.0 0.0 -

standard and adapted CIELAB
LAB*LAB 0.0 0.0 0.0
LAB*LABo 0.0 0.0 0.0
LAB*TCHo 0.0 0.0

relative CIELAB lab*
lab*lab 0.0 0.0 0.0
lab*tch 0.0 0.0 -

relative Natural Colour (NC)
lab*lrj 0.0 0.0 0.0
lab*nch 0.0 0.0 -

relative Inform. Technology (IT)
olv3* 1.0 0.5 0.5 (1.0)
cmyn3* 0.0 0.5 0.5 (0.0)
olv4* 1.0 0.5 0.5 (1.0)
cmyn4* 0.0 0.5 0.5 (0.0)

standard and adapted CIELAB
LAB*LAB 76.06 33.51 19.35
LAB*LABo 76.06 33.51 19.35
LAB*TCHo 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

relative Natural Colour (NC)
lab*lrj 0.75 0.497 0.053
lab*nch 0.75 0.5 0.017

standard and adapted CIELAB
LAB*LAB 56.71 67.02 38.69
LAB*LABo 56.71 67.02 38.69
LAB*TCHo 50.0 77.38 30.0

relative CIELAB lab*
lab*lab 0.5 0.866 0.5
lab*tch 0.5 1.0 0.083

relative Natural Colour (NC)
lab*lrj 0.5 0.954 0.017
lab*nch 0.5 1.0 0.017

standard and adapted CIELAB
LAB*LAB 56.71 67.02 38.69
LAB*LABo 56.71 67.02 38.69
LAB*TCHo 50.0 77.38 30.0

relative CIELAB lab*
lab*lab 0.25 0.433 0.25
lab*tch 0.25 0.5 0.083

relative Natural Colour (NC)
lab*lrj 0.25 0.497 0.053
lab*nch 0.25 0.5 0.017

standard and adapted CIELAB
LAB*LAB 18.03 0.0 0.0
LAB*LABo 18.03 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 -

relative Natural Colour (NC)
lab*lrj 0.0 0.0 0.0
lab*nch 0.0 0.0 -

standard and adapted CIELAB
LAB*LAB 0.0 0.0 0.0
LAB*LABo 0.0 0.0 0.0
LAB*TCHo 0.0 0.0

relative Inform. Technology (IT)
olv3* 1.0 0.0 0.0 (1.0)
cmyn3* 0.0 1.0 0.0 (0.0)
olv4* 1.0 0.0 0.0 (1.0)
cmyn4* 0.0 1.0 0.0 (0.0)

standard and adapted CIELAB
LAB*LAB 56.71 67.02 38.69
LAB*LABo 56.71 67.02 38.69
LAB*TCHo 50.0 77.38 30.0

relative CIELAB lab*
lab*lab 0.5 0.866 0.5
lab*tch 0.5 1.0 0.083

relative Natural Colour (NC)
lab*lrj 0.5 0.954 0.017
lab*nch 0.5 1.0 0.017

standard and adapted CIELAB
LAB*LAB 56.71 67.02 38.69
LAB*LABo 56.71 67.02 38.69
LAB*TCHo 50.0 77.38 30.0

relative CIELAB lab*
lab*lab 0.25 0.433 0.25
lab*tch 0.25 0.5 0.083

relative Natural Colour (NC)
lab*lrj 0.25 0.497 0.053
lab*nch 0.25 0.5 0.017

standard and adapted CIELAB
LAB*LAB 18.03 0.0 0.0
LAB*LABo 18.03 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 -

relative Natural Colour (NC)
lab*lrj 0.0 0.0 0.0
lab*nch 0.0 0.0 -

standard and adapted CIELAB
LAB*LAB 0.0 0.0 0.0
LAB*LABo 0.0 0.0 0.0
LAB*TCHo 0.0 0.0

relative CIELAB lab*
lab*lab 0.0 0.0 0.0
lab*tch 0.0 0.0 -

relative Natural Colour (NC)
lab*lrj 0.0 0.0 0.0
lab*nch 0.0 0.0 -

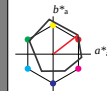
standard and adapted CIELAB
LAB*LAB 0.0 0.0 0.0
LAB*LABo 0.0 0.0 0.0
LAB*TCHo 0.0 0.0

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 t^*



% Gamut

$u^*_{rel} = 93$

% Regularity

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

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

relative Inform. Technology (IT)
olv3* 1.0 1.0 1.0 (1.0)
cmyn3* 0.0 0.0 0.0 (0.0)
olv4* 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 -0.98 4.75
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 -

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

standard and adapted CIELAB
LAB*LAB 56.71 -0.24 2.14
LAB*LABo 56.71 0.0 0.0
LAB*TCHo 30.0 0.01

relative CIELAB lab*
lab*lab 0.5 0.0 0.0
lab*tch 0.5 0.0 -

relative Natural Colour (NC)
lab*lrj 0.5 0.0 0.0
lab*nch 0.5 0.0 -

standard and adapted CIELAB
LAB*LAB 32.98 32.9 25.8
LAB*LABo 32.98 32.9 25.8
LAB*TCHo 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

relative Natural Colour (NC)
lab*lrj 0.193 0.477 0.15
lab*nch 0.25 0.5 0.048

standard and adapted CIELAB
LAB*LAB 18.02 0.5 -0.47
LAB*LABo 18.02 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 -

relative Natural Colour (NC)
lab*lrj 0.0 0.0 0.0
lab*nch 0.0 0.0 -

standard and adapted CIELAB
LAB*LAB 0.0 0.0 0.0
LAB*LABo 0.0 0.0 0.0
LAB*TCHo 0.0 0.0

relative CIELAB lab*
lab*lab 0.0 0.0 0.0
lab*tch 0.0 0.0 -

relative Natural Colour (NC)
lab*lrj 0.0 0.0 0.0
lab*nch 0.0 0.0 -

relative Inform. Technology (IT)
olv3* 1.0 0.5 0.5 (1.0)
cmyn3* 0.0 0.5 0.5 (0.0)
olv4* 1.0 0.5 0.5 (1.0)
cmyn4* 0.0 0.5 0.5 (0.0)

standard and adapted CIELAB
LAB*LAB 71.67 32.15 28.41
LAB*LABo 71.67 32.15 28.41
LAB*TCHo 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

relative Natural Colour (NC)
lab*lrj 0.693 0.477 0.15
lab*nch 0.75 0.5 0.048

standard and adapted CIELAB
LAB*LAB 32.98 32.9 25.8
LAB*LABo 32.98 32.9 25.8
LAB*TCHo 25.01 41.31 37.69

relative CIELAB lab*
lab*lab 0.5 0.0 0.0 (1.0)
cmyn3* 0.5 0.0 0.0 (0.0)
olv4* 1.0 0.5 0.5 (1.0)
cmyn4* 0.0 0.5 0.5 (0.0)

standard and adapted CIELAB
LAB*LAB 32.98 32.9 25.8
LAB*LABo 32.98 32.9 25.8
LAB*TCHo 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

relative Natural Colour (NC)
lab*lrj 0.193 0.477 0.15
lab*nch 0.25 0.5 0.048

standard and adapted CIELAB
LAB*LAB 18.02 0.5 -0.47
LAB*LABo 18.02 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 -

relative Natural Colour (NC)
lab*lrj 0.0 0.0 0.0
lab*nch 0.0 0.0 -

standard and adapted CIELAB
LAB*LAB 0.0 0.0 0.0
LAB*LABo 0.0 0.0 0.0
LAB*TCHo 0.0 0.0

relative CIELAB lab*
lab*lab 0.0 0.0 0.0
lab*tch 0.0 0.0 -

relative Natural Colour (NC)
lab*lrj 0.0 0.0 0.0
lab*nch 0.0 0.0 -

relative Inform. Technology (IT)
olv3* 1.0 0.0 0.0 (1.0)
cmyn3* 0.0 1.0 0.0 (0.0)
olv4* 1.0 0.0 0.0 (1.0)
cmyn4* 0.0 1.0 0.0 (0.0)

standard and adapted CIELAB
LAB*LAB 47.94 65.3 82.63
LAB*LABo 47.94 65.3 82.63
LAB*TCHo 50.0 82.61 37.69

relative CIELAB lab*
lab*lab 0.387 0.791 0.611
lab*tch 0.387 0.954 0.299

relative Natural Colour (NC)
lab*lrj 0.387 0.954 0.299
lab*nch 0.387 1.0 0.048

standard and adapted CIELAB
LAB*LAB 32.98 32.9 25.8
LAB*LABo 32.98 32.9 25.8
LAB*TCHo 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

relative Natural Colour (NC)
lab*lrj 0.193 0.477 0.15
lab*nch 0.25 0.5 0.048

standard and adapted CIELAB
LAB*LAB 18.02 0.5 -0.47
LAB*LABo 18.02 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 -

relative Natural Colour (NC)
lab*lrj 0.0 0.0 0.0
lab*nch 0.0 0.0 -

standard and adapted CIELAB
LAB*LAB 0.0 0.0 0.0
LAB*LABo 0.0 0.0 0.0
LAB*TCHo 0.0 0.0

relative CIELAB lab*
lab*lab 0.0 0.0 0.0
lab*tch 0.0 0.0 -

relative Natural Colour (NC)
lab*lrj 0.0 0.0 0.0
lab*nch 0.0 0.0 -

standard and adapted CIELAB
LAB*LAB 0.0 0.0 0.0
LAB*LABo 0.0 0.0 0.0
LAB*TCHo 0.0 0.0

relative CIELAB lab*
lab*lab 0.0 0.0 0.0
lab*tch 0.0 0.0 -

relative Natural Colour (NC)
lab*lrj 0.0 0.0 0.0
lab*nch 0.0 0.0 -