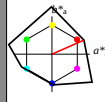


www.ps-bam.de/UE19/L19E00F1.PS/TEXT; linearized output
 F: Output Linearization (OL) data UE19/L19E00F1.DAT in File (F)

Input: Colorimetric Reflective System NCS11
 for hue $h^* = lab^*h = 24/360 = 0.066$
 lab**tch* and lab**nch*

D65: hue R
 LCH*Ma: 47 92 24
 olv*Ma: 1.0 0.0 0.0

triangle lightness t^*



%Gamut
 $u^*_{rel} = 149$
 %Regularity
 $g^*_{rel} = 46$
 $g^*_{Crel} = 65$

relative Inform. Technology (IT)
 olv13* 1.0 1.0 1.0 (1.0)
 cmy3* 0.0 0.0 0.0 (0.0)
 olv14* 1.0 1.0 1.0 (1.0)
 cmy4* 0.0 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 95.41 0.0 -0.01
 LAB*LAB0 95.41 0.0 0.0
 LAB*TChe 99.99 0.01 -

relative CIELAB lab*
 lab*lab 1.0 0.5 0.0 (1.0)
 lab*tch 1.0 0.0 -
 lab*nch 1.0 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)
 olv13* 0.5 0.5 0.5 (1.0)
 cmy3* 0.5 0.5 0.5 (0.0)
 olv14* 1.0 1.0 1.0 (0.5)
 cmy4* 0.0 0.0 0.0 (0.5)
 standard and adapted CIELAB
 LAB*LAB 53.21 0.04 0.0
 LAB*LAB0 53.21 0.0 0.0
 LAB*TChe 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 0.0 0.0 -

relative Inform. Technology (IT)
 olv13* 0.0 0.0 0.0 (1.0)
 cmy3* 1.0 1.0 1.0 (0.0)
 olv14* 1.0 1.0 1.0 (0.0)
 cmy4* 0.0 0.0 0.0 (1.0)
 standard and adapted CIELAB
 LAB*LAB 11.01 0.07 0.01
 LAB*LAB0 11.01 0.0 0.0
 LAB*TChe 0.01 0.01 -

relative CIELAB lab*
 lab*lab 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*nce 0.0 0.0 -
 lab*nce 0.0 0.0 -

$n^* = 1.0$

relative Inform. Technology (IT)
 olv13* 1.0 0.5 0.5 (1.0)
 cmy3* 0.0 0.5 0.5 (0.0)
 olv14* 1.0 0.5 0.0 (0.5)
 cmy4* 0.0 0.5 0.0 (0.5)
 standard and adapted CIELAB
 LAB*LAB 71.27 42.34 18.63
 LAB*LAB0 71.27 42.34 18.63
 LAB*TChe 75.0 46.23 23.75

relative CIELAB lab*
 lab*lab 0.714 0.458 0.201
 lab*tch 0.75 0.5 0.066
 lab*nch 0.0 0.5 0.066
 relative Natural Colour (NC)
 lab*lrj 0.714 0.5 -0.011
 lab*nce 0.75 0.5 0.996
 lab*nce 0.0 0.5 0.996

relative Inform. Technology (IT)
 olv13* 0.5 0.0 0.0 (1.0)
 cmy3* 0.5 0.0 0.0 (0.0)
 olv14* 1.0 0.5 0.5 (0.5)
 cmy4* 0.0 0.5 0.5 (0.5)
 standard and adapted CIELAB
 LAB*LAB 23.07 42.38 18.64
 LAB*LAB0 29.07 42.31 18.62
 LAB*TChe 25.01 46.23 23.75

relative CIELAB lab*
 lab*lab 0.214 0.458 0.201
 lab*tch 0.25 0.5 0.066
 lab*nch 0.0 0.5 0.066
 relative Natural Colour (NC)
 lab*lrj 0.214 0.5 -0.011
 lab*nce 0.25 0.5 0.996
 lab*nce 0.0 0.5 0.996

$n^* = 0.00$

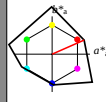
blackness n^*

chromaticness c^*

Output: Colorimetric Reflective System NCS11
 for hue $h^* = lab^*h = 24/360 = 0.066$
 lab**tch* and lab**nch*

D65: hue R
 LCH*Ma: 47 92 24
 olv*Ma: 1.0 0.0 0.0

triangle lightness t^*



%Gamut
 $u^*_{rel} = 149$
 %Regularity
 $g^*_{rel} = 46$
 $g^*_{Crel} = 65$

relative Inform. Technology (IT)
 olv13* 1.0 1.0 1.0 (1.0)
 cmy3* 0.0 0.0 0.0 (0.0)
 olv14* 1.0 1.0 1.0 (1.0)
 cmy4* 0.0 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 95.41 0.0 -0.01
 LAB*LAB0 95.41 0.0 0.0
 LAB*TChe 99.99 0.01 -

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

relative Inform. Technology (IT)
 olv13* 0.5 0.5 0.5 (1.0)
 cmy3* 0.5 0.5 0.5 (0.0)
 olv14* 1.0 1.0 1.0 (0.5)
 cmy4* 0.0 0.0 0.0 (0.5)
 standard and adapted CIELAB
 LAB*LAB 53.21 0.04 0.0
 LAB*LAB0 53.21 0.0 0.0
 LAB*TChe 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 0.0 0.0 -

relative Inform. Technology (IT)
 olv13* 0.0 0.0 0.0 (1.0)
 cmy3* 1.0 1.0 1.0 (0.0)
 olv14* 1.0 1.0 1.0 (0.0)
 cmy4* 0.0 0.0 0.0 (1.0)
 standard and adapted CIELAB
 LAB*LAB 11.01 0.07 0.01
 LAB*LAB0 11.01 0.0 0.0
 LAB*TChe 0.01 0.01 -

relative CIELAB lab*
 lab*lab 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*nce 0.0 0.0 -
 lab*nce 0.0 0.0 -

$n^* = 1.0$

relative Inform. Technology (IT)
 olv13* 1.0 0.5 0.5 (1.0)
 cmy3* 0.0 0.5 0.5 (0.0)
 olv14* 1.0 0.5 0.0 (0.5)
 cmy4* 0.0 0.5 0.0 (0.5)
 standard and adapted CIELAB
 LAB*LAB 71.27 42.34 18.63
 LAB*LAB0 71.27 42.34 18.63
 LAB*TChe 75.0 46.23 23.75

relative CIELAB lab*
 lab*lab 0.714 0.458 0.201
 lab*tch 0.75 0.5 0.066
 lab*nch 0.0 0.5 0.066
 relative Natural Colour (NC)
 lab*lrj 0.714 0.5 -0.011
 lab*nce 0.75 0.5 0.996
 lab*nce 0.0 0.5 0.996

relative Inform. Technology (IT)
 olv13* 0.5 0.0 0.0 (1.0)
 cmy3* 0.5 0.0 0.0 (0.0)
 olv14* 1.0 0.5 0.5 (0.5)
 cmy4* 0.0 0.5 0.5 (0.5)
 standard and adapted CIELAB
 LAB*LAB 23.07 42.38 18.64
 LAB*LAB0 29.07 42.31 18.62
 LAB*TChe 25.01 46.23 23.75

relative CIELAB lab*
 lab*lab 0.214 0.458 0.201
 lab*tch 0.25 0.5 0.066
 lab*nch 0.0 0.5 0.066
 relative Natural Colour (NC)
 lab*lrj 0.214 0.5 -0.011
 lab*nce 0.25 0.5 0.996
 lab*nce 0.0 0.5 0.996

$n^* = 0.50$

relative Inform. Technology (IT)
 olv13* 1.0 0.0 0.0 (1.0)
 cmy3* 0.0 1.0 1.0 (0.0)
 olv14* 1.0 0.0 0.0 (0.5)
 cmy4* 0.0 1.0 1.0 (0.5)
 standard and adapted CIELAB
 LAB*LAB 47.15 84.68 37.26
 LAB*LAB0 47.15 84.63 37.24
 LAB*TChe 50.0 92.46 23.75

relative CIELAB lab*
 lab*lab 0.428 0.915 0.403
 lab*tch 0.428 0.5 0.066
 lab*nch 0.0 1.0 0.066
 relative Natural Colour (NC)
 lab*lrj 0.428 0.5 -0.023
 lab*nce 0.428 0.5 0.996
 lab*nce 0.0 1.0 0.996

relative Inform. Technology (IT)
 olv13* 0.0 0.0 0.0 (1.0)
 cmy3* 0.0 1.0 1.0 (0.0)
 olv14* 1.0 0.0 0.0 (0.5)
 cmy4* 0.0 0.0 0.0 (1.0)
 standard and adapted CIELAB
 LAB*LAB 11.01 0.07 0.01
 LAB*LAB0 11.01 0.0 0.0
 LAB*TChe 0.01 0.01 -

relative CIELAB lab*
 lab*lab 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*nce 0.0 0.0 -
 lab*nce 0.0 0.0 -

$n^* = 0.00$

blackness n^*

chromaticness c^*

UE190-7, 3 step scales for constant CIELAB hue 24/360 = 0.066 (left)

BAM-test chart UE19; Colorimetric systems NCS11a & NCS11ainput: cmy0* setqycolor
 D65: 2 coordinate data of 3 step colour scales for 10 hues

3 step scales for constant CIELAB hue 24/360 = 0.066 (right)

output: olv* setqycolor / w* setgray