

Input: Colorimetric Television Luminous System TLS70

for hue $h^* = lab^*h = 22/360 = 0.061$

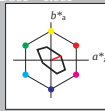
lab^*ch and lab^*nch

D65: hue O

LCH*Ma: 76 28 22

olv*Ma: 1.0 0.0 0.0

triangle lightness t^*



% Gamut

$u^*_{rel} = 16$

% Regularity

$g^*_{rel} = 34$

$g^*_{rel} = 51$

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*LABa 95.41 0.0 0.0
LAB*LABb 95.41 0.0 0.0

relative CIELAB lab*
lab*lab 1.0 0.5 0.5 (1.0)
lab*lab 1.0 0.5 0.5 (1.0)
lab*lab 1.0 0.5 0.5 (1.0)

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

standard and adapted CIELAB
LAB*LAB 85.52 13.13 5.28
LAB*LABa 85.52 13.13 5.28
LAB*LABb 85.52 13.13 5.28

relative CIELAB lab*
lab*lab 0.631 0.464 0.187
lab*lab 0.75 0.5 0.061
lab*lab 0.75 0.5 0.061

relative Natural Colour (NC)
lab*lrj 0.631 0.499 -0.024
lab*lrj 0.75 0.5 0.992
lab*lrj 0.75 0.5 0.992

standard and adapted CIELAB
LAB*LAB 82.56 5.0 0.0
LAB*LABa 82.56 5.0 0.0
LAB*LABb 82.56 5.0 0.0

relative CIELAB lab*
lab*lab 0.5 0.0 0.0
lab*lab 0.5 0.0 0.0
lab*lab 0.5 0.0 0.0

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

standard and adapted CIELAB
LAB*LAB 73.07 13.13 5.28
LAB*LABa 73.07 13.13 5.28
LAB*LABb 73.07 13.13 5.28

relative CIELAB lab*
lab*lab 0.131 0.464 0.187
lab*lab 0.25 0.5 0.061
lab*lab 0.25 0.5 0.061

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lab*lrj 0.131 0.499 -0.024
lab*lrj 0.25 0.5 0.992
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standard and adapted CIELAB
LAB*LAB 69.7 0.0 0.0
LAB*LABa 69.7 0.0 0.0
LAB*LABb 69.7 0.0 0.0

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lab*lab 0.0 0.0 0.0
lab*lab 0.0 0.0 0.0
lab*lab 0.0 0.0 0.0

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

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lab*lab 0.5 0.0 0.0 (1.0)
lab*lab 0.5 0.0 0.0 (1.0)
lab*lab 0.5 0.0 0.0 (1.0)

relative Natural Colour (NC)
lab*lrj 0.5 0.0 0.0 (1.0)
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olv3* 1.0 0.0 0.0 (1.0)
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olv4* 1.0 0.0 0.0 (1.0)
cmyn4* 0.0 1.0 0.0 (0.0)

standard and adapted CIELAB
LAB*LAB 76.43 26.26 10.57
LAB*LABa 76.43 26.26 10.57
LAB*LABb 76.43 26.26 10.57

relative CIELAB lab*
lab*lab 0.262 0.928 0.373
lab*lab 0.262 0.928 0.373
lab*lab 0.262 0.928 0.373

relative Natural Colour (NC)
lab*lrj 0.262 0.992 0.0
lab*lrj 0.262 0.992 0.0
lab*lrj 0.262 0.992 0.0

standard and adapted CIELAB
LAB*LAB 50.0 28.31 21.92
LAB*LABa 50.0 28.31 21.92
LAB*LABb 50.0 28.31 21.92

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relative CIELAB lab*
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lab*lab 0.0 0.0 0.0

Output: Colorimetric Television Luminous System TLS00

for hue $h^* = lab^*h = 40/360 = 0.111$

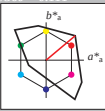
lab^*ch and lab^*nch

D65: hue O

LCH*Ma: 51 100 40

olv*Ma: 1.0 0.0 0.0

triangle lightness t^*



% Gamut

$u^*_{rel} = 158$

% Regularity

$g^*_{rel} = 20$

$g^*_{rel} = 37$

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)

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