

Colorimetric data of Television Luminous System TLS18a for CIE lightness $L^*_N=18$ of black
 System: adapted CIELAB (a^*_a , b^*_a) chroma diagram

TLS18a Y Yellow

Monitor: $LCH^*_a = 92.0 \ 85.6 \ 102$

CRT $LAB^*_a = 92.0 \ -17.2 \ 83.8$

Reflection:

$Y_N = 2.52$

$L^*_N = 18.01$

L Leaf green

$LCH^*_a = 80.7 \ 112.3 \ 142$

$LAB^*_a = 80.7 \ -88.0 \ 69.9$

O Orange red

$LCH^*_a = 57.8 \ 89.5 \ 38$

$LAB^*_a = 57.8 \ 70.4 \ 55.4$

M Magenta red

$LCH^*_a = 64.4 \ 95.0 \ 330$

$LAB^*_a = 64.4 \ 82.4 \ -47.3$

C Cyan blue

$LCH^*_a = 84.6 \ 55.1 \ 198$

$LAB^*_a = 84.6 \ -52.3 \ -17.3$

V Violet blue

$LCH^*_a = 37.8 \ 106.2 \ 300$

$LAB^*_a = 37.8 \ 53.4 \ -91.8$

