

Colorimetric data of Television Luminous System TLS70a for CIE lightness  $L^*_N=70$  of black  
 System: adapted CIELAB ( $a^*_a$ ,  $b^*_a$ ) chroma diagram

**TLS70a**      **Y Yellow**

**Projector:**     $LCH^*_a = 89.1 \ 29.4 \ 105$

**LCD**             $LAB^*_a = 89.1 \ -7.8 \ 28.4$

**Reflection:**

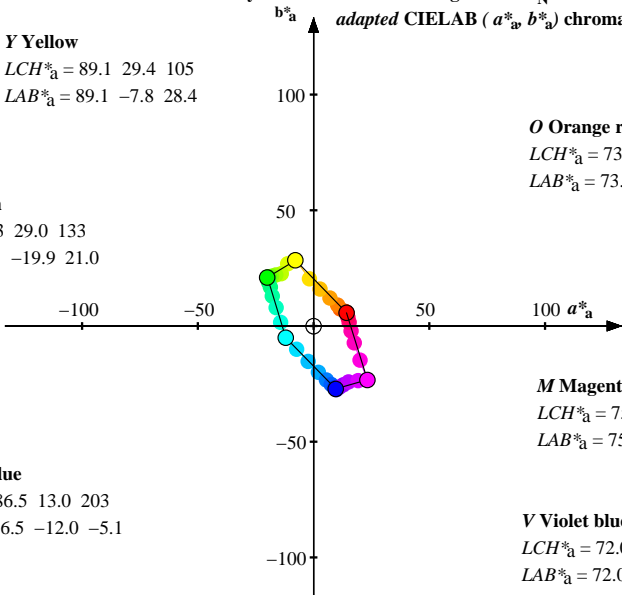
$Y_N = 40.32$

$L^*_N = 69.7$

**L Leaf green**

$LCH^*_a = 84.3 \ 29.0 \ 133$

$LAB^*_a = 84.3 \ -19.9 \ 21.0$



**O Orange red**

$LCH^*_a = 73.2 \ 15.3 \ 22$

$LAB^*_a = 73.2 \ 14.2 \ 5.8$

**M Magenta red**

$LCH^*_a = 75.8 \ 32.9 \ 315$

$LAB^*_a = 75.8 \ 23.3 \ -23.2$

**C Cyan blue**

$LCH^*_a = 86.5 \ 13.0 \ 203$

$LAB^*_a = 86.5 \ -12.0 \ -5.1$

**V Violet blue**

$LCH^*_a = 72.0 \ 28.8 \ 289$

$LAB^*_a = 72.0 \ 9.6 \ -27.2$