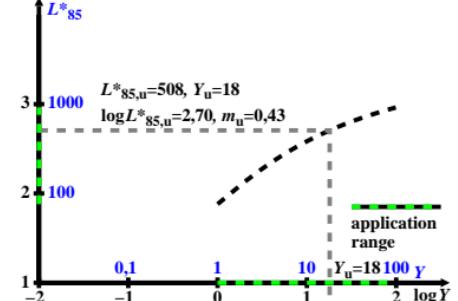
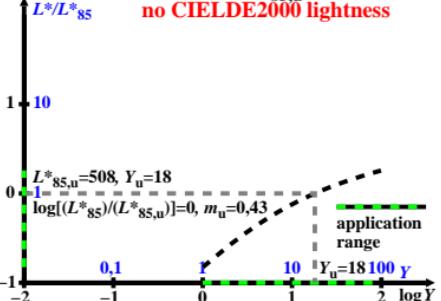


$\log L^*_{85}$ LABJND lightness
no CIEDE2000 lightness



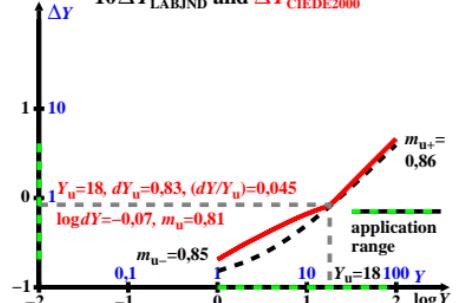
CES41-1A

$\log (L^*_{85}/L^*_{85,u})$ normalized LABJND lightness
 $\log (L^*_{85} / L^*_{85,u})$ no CIEDE2000 lightness



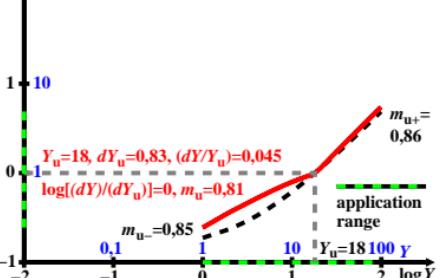
CES41-2A

$\log \Delta Y$ CIE tristimulus value difference
 $10\Delta Y_{\text{LABJND}}$ and $\Delta Y_{\text{CIEDE2000}}$



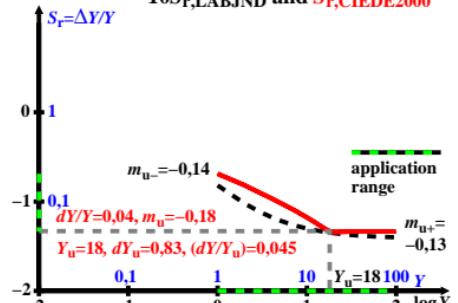
CES41-3A

$\log(\Delta Y/\Delta Y_u)$ CIE tristimulus value difference
 ΔY normalized to ΔY_u for LABJND and CIEDE2000



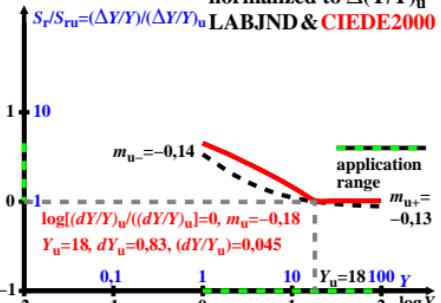
CES41-4A

$\log(\Delta Y/Y)$ CIE Y sensitivity
 $10S_r,\text{LABJND}$ and $S_r,\text{CIEDE2000}$



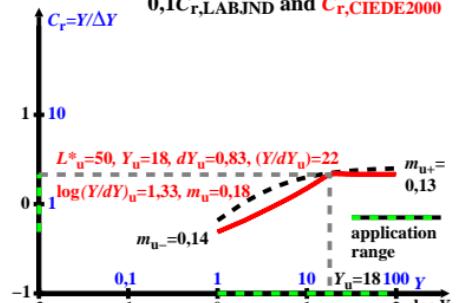
CES41-5A

$\log[(\Delta Y/Y) / (\Delta Y/Y_u)]$ CIE Y sensitivity normalized to $(\Delta Y/Y_u)$
LABJND & CIEDE2000



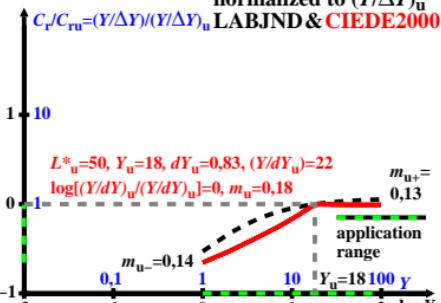
CES41-6A

$\log(Y/\Delta Y)$ CIE Y contrast
 $0.1C_r,\text{LABJND}$ and $C_r,\text{CIEDE2000}$



CES41-7A

$\log[(Y/\Delta Y) / (Y/\Delta Y)_u]$ CIE Y contrast normalized to $(Y/\Delta Y)_u$
LABJND & CIEDE2000



CES41-8A

CES41-7N