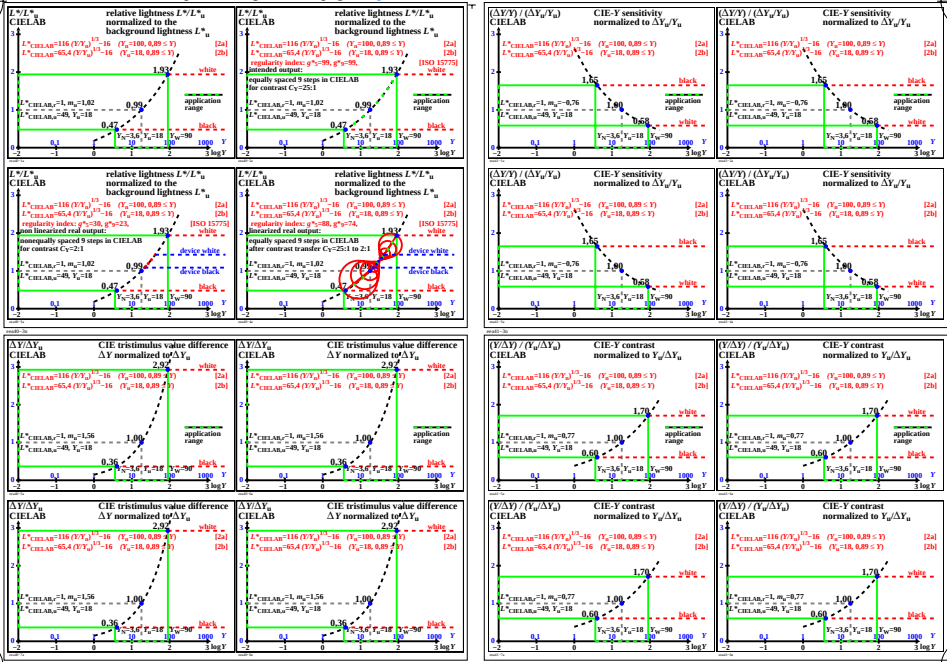
L*/L*u relative lightness L*/L*u normalized to the background lightness L*u
CIELAB
L*CIELAB=116 (Y/Yn)1/3−16 (Yn=100, 0.89 ≤ Y) [2a]
L*CIELAB=65.4 (Y/Yn)1/3−16 (Yn=18, 0.89 ≤ Y) [2b]
white
black
application range
ΔY/ΔYu CIE tristimulus value difference ΔY normalized to/ΔYu
(ΔY/Y) / (ΔYu/Yu) CIE-Y sensitivity normalized to ΔYu/Yu
(Y/ΔY) / (Yu/ΔYu) CIE-Y contrast normalized to Yu/ΔYu
log Y