

$\log (L^*/L^*_u)$

CIELAB lightness

$L^*$  normalized to the  
background lightness  $L^*_u$

$$L^* = 116 (Y/Y_n)^{1/3} - 16 \quad (Y_n=100, 1 \leq Y \leq 100) \quad [1b]$$

