

$\log [(\Delta Y/Y) / (\Delta Y/Y)_u]$

**CIELAB-Y-Empfindlichkeit
normiert für $(\Delta Y/Y)_u$**

$S_r/S_{ru}=(\Delta Y/Y)/(\Delta Y/Y)_u$

2 $100 L^* = s (Y/Y_u)^n - d \quad (Y_n=100, Y_u=18, s=116, n=1/3, d=16)$ [1a]

$L^* = r (Y/Y_u)^n - d \quad (r = s (Y_u/Y_n)^n = 65,49, L^*_u = r - d)$ [1b]

$dY/Y = [(Y_n / (n s))] (Y/Y_n)^{1-n} / Y$ [3c]

$(dY/Y)_u = [(Y_n / (n s))] (Y_u/Y_n)^{1-n} / Y_u$ [3d]

1 $10 (dY/Y) / (dY/Y)_u = (Y/Y_u)^{-n}$ [3e]

$\log [(dY/Y) / (dY/Y)_u] = (-n) \log(Y/Y_u)$ [3f]

