

L^*/L^*_u IECsRGB lightness L^* normalized to the background lightness L^*_u

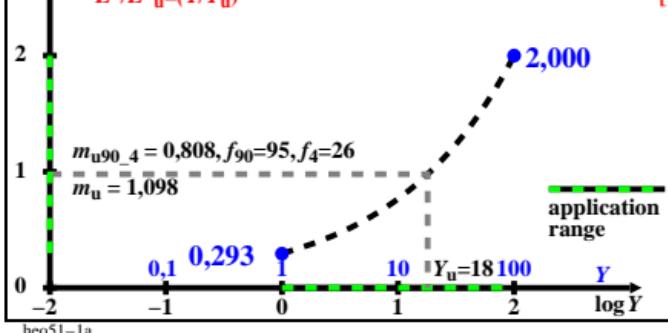
L^*/L^*_u

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

$$L^* = s(Y/Y_u)^n - d \quad (Y_u=100, Y_u=18, s=100, n=1/2,4, d=0) \quad [1a]$$

$$L^* = r(Y/Y_u)^n - d \quad (r = s(Y_u/Y_u)^n = 48,94, L^*_u = r - d) \quad [1b]$$

$$L^*/L^*_u = (Y/Y_u)^n \quad [1c]$$



heo51-1a

$\Delta Y/\Delta Y_u$ IECsRGB tristimulus value difference ΔY normalized to ΔY_u

$\Delta Y/\Delta Y_u$

IECsRGB tristimulus value difference ΔY normalized to ΔY_u

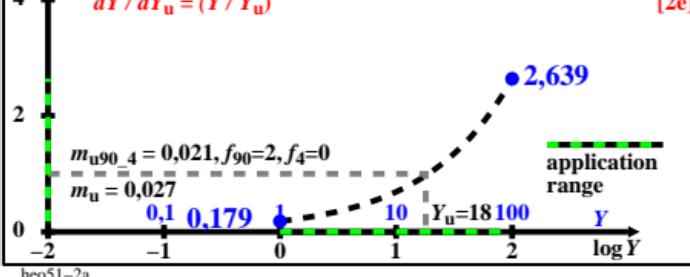
$$L^* = s(Y/Y_u)^n - d \quad (Y_u=100, Y_u=18, s=100, n=1/2,4, d=0) \quad [1a]$$

$$L^* = r(Y/Y_u)^n - d \quad (r = s(Y_u/Y_u)^n = 48,94, L^*_u = r - d) \quad [1b]$$

$$dY = [Y_u / (n s)] (Y/Y_u)^{1-n} \quad [2c]$$

$$dY_u = [Y_u / (n s)] (Y_u/Y_u)^{1-n} = 1,1746 \quad [2d]$$

$$dY/dY_u = (Y/Y_u)^{1-n} \quad [2e]$$



heo51-2a

$(\Delta Y/Y) / (\Delta Y/Y_u)$ IECsRGB-Y sensitivity normalized to $(\Delta Y/Y_u)$

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

IECsRGB-Y sensitivity normalized to $(\Delta Y/Y_u)$

$$L^* = s(Y/Y_u)^n - d \quad (Y_u=100, Y_u=18, s=100, n=1/2,4, d=0) \quad [1a]$$

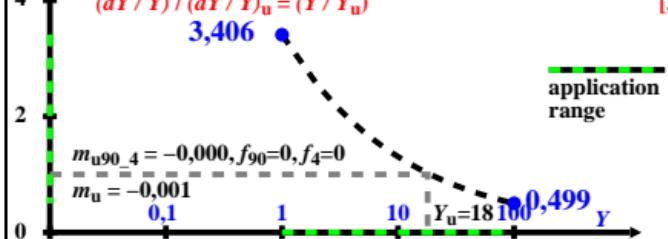
$$L^* = r(Y/Y_u)^n - d \quad (r = s(Y_u/Y_u)^n = 48,94, L^*_u = r - d) \quad [1b]$$

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

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

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

3,406



heo51-3a

heo51-3n

$(Y/\Delta Y) / (Y/\Delta Y_u)$ IECsRGB-Y contrast normalized to $(Y/\Delta Y_u)$

$C_r/C_{ru} = (Y/\Delta Y)/(Y/\Delta Y_u)$

IECsRGB-Y contrast normalized to $(Y/\Delta Y_u)$

$$L^* = s(Y/Y_u)^n - d \quad (Y_u=100, Y_u=18, s=100, n=1/2,4, d=0) \quad [1a]$$

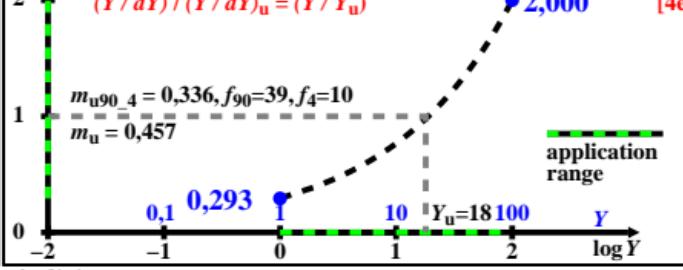
$$L^* = r(Y/Y_u)^n - d \quad (r = s(Y_u/Y_u)^n = 48,94, L^*_u = r - d) \quad [1b]$$

$$Y/dY = Y / \{ [(Y_u / (n s)) (Y/Y_u)^{1-n}] \} \quad [4c]$$

$$(Y/Y)_u = Y_u / \{ [(Y_u / (n s)) (Y_u/Y_u)^{1-n}] \} \quad [4d]$$

$$(Y/dY) / (Y/dY)_u = (Y/Y_u)^n \quad [4e]$$

2,000



heo51-4a