

ΔY CIE tristimulus value difference ΔY

$$\Delta Y L_{85.2}^* = (t/a) \ln (1 + a \cdot Y) \quad [1c]$$

a=0,3411 t=88,23 t/a=258,6 b=6,141 [2c]

tristimulus value Y difference

$$dY = (A_1 + A_2 \cdot Y)/A_0, \text{ see CIE 230; Eq. (A.7a)} \quad [4c]$$

$$dY = (s + q \cdot Y) / c, \text{ see Richter (1985)}$$

$$dY = (1 + a \cdot Y) / t \quad [5c]$$

$$dY = (1 + b \cdot (Y / Y_m)) / t \quad [6c]$$

$$A_1=s=0,0170 \quad A_2=q=0,0058 \quad A_0=c=1,5 \quad [7c]$$

$$Y_{11}=18, dY_{11}=0,08, (dY/Y_{11})=0,004$$

$\log dY = -1,09, m_u = 0,86$

application range

$$Y_u = 18 \frac{100}{Y}$$
