

$\log(Y/\Delta Y)$

CIE Y-based sensitivity

$$S_r = (Y/\Delta Y)$$

$$L^*_{85,2} = (t/a) \ln(1 + a \cdot Y)$$

$$a = 0,3411 \quad t = 88,23 \quad t/a = 258,6$$

tristimulus value Y sensitivity

$$\log(Y/\Delta Y) = \log[(1 + a \cdot Y) / (t \cdot Y)]$$

3 1000

2 100

1

-2

0,1

-1

1

0

10

1

$Y_u = 18$ 100

Y 2

$\log(Y)$

application
range