

$$(Y/\Delta Y) / (Y_u/\Delta Y_u)$$

CIE  $Y$ -based contrast

$$C_r/C_{ru} = (Y/\Delta Y)/(Y/\Delta Y)_u \text{ normalized to } Y_u/\Delta Y_u$$

3

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

$$a=0,3411 \quad t=88,23 \quad t/a=258,6 \quad [2h]$$

tristimulus value  $Y$  contrast

2

$$(Y/dY) / (Y_u/dY_u)$$

$$= [ Y / (1 + a \cdot Y) ] / [ Y_u / (1 + a \cdot Y_u) ] \quad [4h]$$

1

$$L^*_{85,2,u}=508, Y_u=18, dY_u=0,08, (Y/dY_u)=222 \quad 1,129$$

$$\log[(Y/dY)_u / ((Y/dY)_u)] = 0, m_u = 0,13$$

0

0,295

0

10

$Y_u=18 \quad 100 \quad Y$

-2

-1

2

$\log Y$

application  
range