

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

relative LABJND-

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

tristimulus value contrast

2-100

$$L^*_{\text{LABJND}} = (A_0/A_2) \ln (A_1 + A_2 \cdot Y)$$

$$A_0=1,50 \quad A_1=0,0170 \quad A_2=0,0058$$

relative LABJND-tristimulus value contrast

$$\log[(Y/dY)/(Y_u/dY_u)] = \log [ Y / (A_1 + A_2 \cdot Y) ]$$

$$- \log [ Y_u / (A_1 + A_2 \cdot Y_u) ]$$

$$Y_u=18, dY_u=0.08, Y_u/dY_u=222$$

$$\log[(Y/dY)/(Y_u/dY_u)]=0, m_u=0.13$$

0-1

application range

-2

0,1  
-1

1  
0

$Y_N=4$

10  
1

$Y_u=18$

100  
2

$\log(Y)$