

$$(Y/\Delta Y) / (Y/\Delta Y)_u$$

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

LABJND-Y-Kontrast  
normiert für  $(Y/\Delta Y)_u$

$$L^*/L^*_u = (t/a) \{ \ln (1 + a \cdot Y) - \ln (1 + a \cdot Y_u) \} \quad [1a]$$

$$L^*/L^*_u = (t/a) \{ \ln [1 + b \cdot (Y/Y_u)] - \ln (1 + b) \} \quad [1b]$$

$$(Y/dY) / (Y/dY)_u \quad \text{Hellbezugswert-Y Kontrast}$$

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

2

1

1

0

hgt21-4a

↑

↑

↑

↑

↑

↑

↑

↑

$$m_{u90\_4} = 1,176, f_{90} = 250, f_4 = 149$$

$$m_u = 1,579$$

Anwendungsbereich

$$0,1 \quad 0,295$$

$$10$$

$$Y_u = 18 \quad 100$$

$$Y$$

-2

-1

0

1

2

$\log Y$

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$$L^*/L^*_u = (t/a) \{ \ln [1 + b \cdot (Y/Y_u)] - \ln (1 + b) \} \quad [1b]$$

$$(Y/dY) / (Y/dY)_u \quad \text{Hellbezugswert-Y Kontrast}$$

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

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