log($\Delta Y/\Delta Y_n$)

**CIELABn9 relative Normfarbwertdifferenz**
$Y_{nc} = L^* w_{R/B/BNc} n = 100,$ **52, 87, 31**

$\Delta Y/\Delta Y_u$

2•100

$T^*_{CIELABn9} = 87 (Y/Y_n)^{1/1,5} + 13$   ($Y_n = 100,$ $Y_{nc}/100 < Y <= Y_{nc}$)

log($dY/dY_u$) = [1−(1/1,5)] log($Y/Y_u$)

1•10

$dY_{90}/dY_u = 1,70,$ $\gamma = 1,5,$ $1/\gamma = 1/1,5 = 0,66$
$dY_{18}/dY_u = 1,00,$ $S_0 = 86,98,$ $D_n = 13,01$
$dY_{3,6}/dY_u = 0,58,$ $Y_n = 100,$ $dY_{u} = 5,40$

$T^*_u = 41,$ $dY_u = 5,40,$ $dY_u/Y_u = 0,3005$

0

log[($dY$)/($dY$)$_u$]=0, $m_u = 0,33$

**Anwendungs-bereich**

−1

0,1      1          10    $Y_u = 18$  100   $Y$

$Y_N = 3,6$   $Y_W = 90$

−2          −1          0          1          2   log($Y$)

BGZ91−4A