log(ΔY/ΔYᵤ) **IECsRGBu3 relative Normfarbwertdifferenz**
$Y_{nc} = L^*_{w(R, B, nc}$ $= 100, 52, 87, 31$

$L^*_{IECsRGBu3} = 50(Y/Y_u)^{1/1,6}$ ($Y_u = 18$, $Y_{nc}/100 < Y <= Y_{nc}$)

log$(dY/dY_u) = [1−(1/1,6)]$ log(Y/Y_u)

$dY_{90}/dY_u = 1,82$, γ=1,6, 1/γ=1/1,6=0,62
$dY_{18}/dY_u = 1,00$, $S_0 = 50,00$, $D_n = −0,00$
$dY_{3,6}/dY_u = 0,54$, $Y_u = 18$, $dY_c = 3,20$

$L^*_u = 50$, $dY_u = 3,20$, $dY_u/Y_u = 0,1777$

log$[(dY)/(dY)_u] = 0$, $m_u = 0,37$

Anwendungs-bereich

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

BGV30−4A