log(ΔY)

CIELAbn6
Normfarbwertdifferenz
$Y_{nc} = Y_{W}, Y_{R}, Y_{G}, Y_{B}, Y_{n} = 100, 21, 73, 7$

ΔY

2=100

$t^*CIELAbn6 = 116(Y/Y_n)^{1/3,0} - 16$ ($Y_n = 100, Y_{nc}/100 < Y <= Y_{nc}$)

$log(dY) = (1/3,0) log[3,0(Y_u/115)] + [1-(1/3,0)] log(Y)$

1=10

$t^*_u = 50, dY_u = 4,60, dY_u/Y_u = 0,2555$

$log(dY) = 4,60, m_{un} = 0,66$

0=1

$dY_{90} = 13,45, γ = 3,0$
$dY_{18} = 4,60, S_D = 11,59$ $C_D = 3,0, r_{s,3,0} = 0,33$
$D_n = -15,49$
$dY_{3,6} = 1,56, Y = 100, dY_n = 4,60$

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)

-2

BGZ60-3A