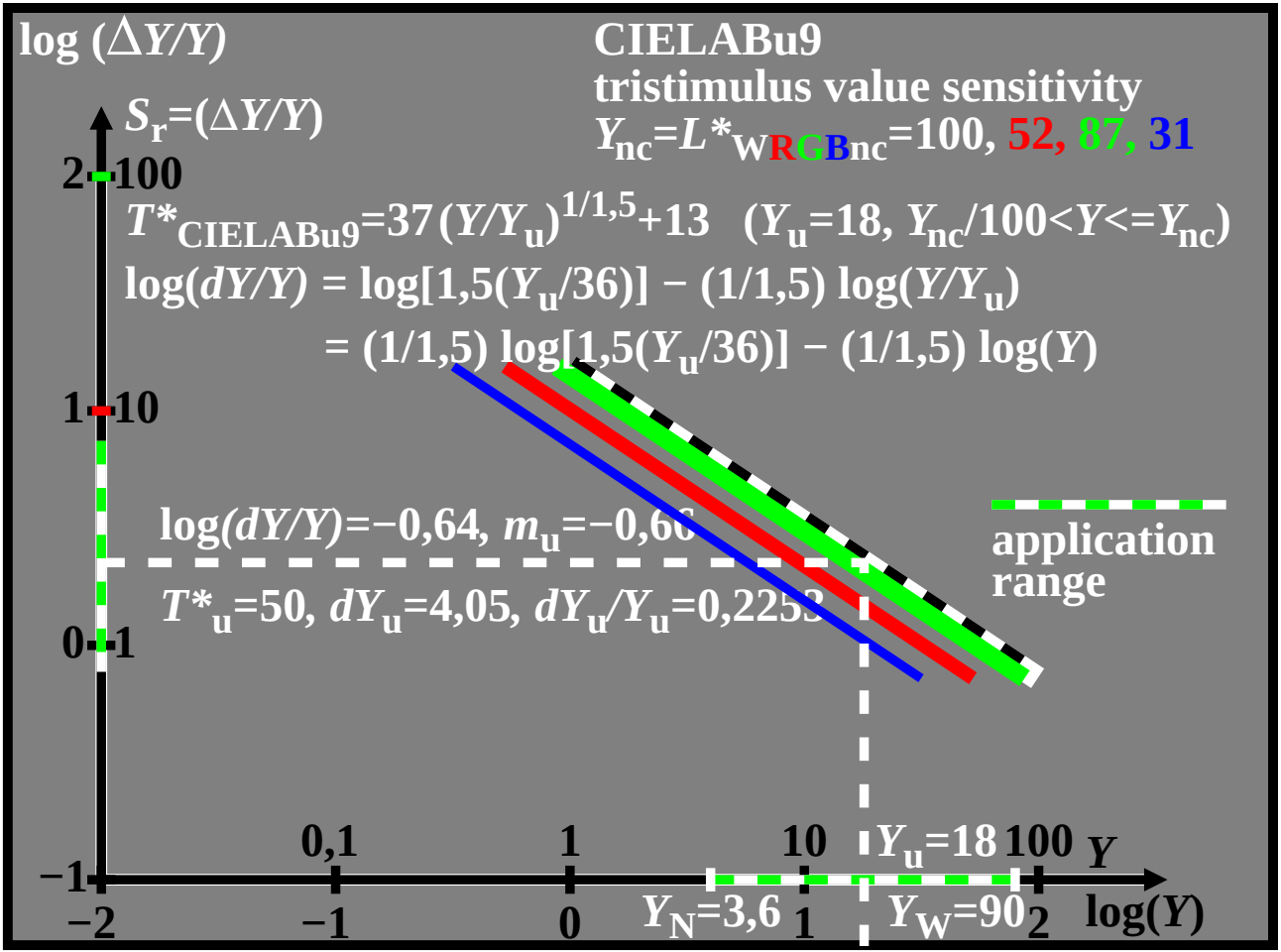
log (ΔY/Y)
CIELABu9
tristimulus value sensitivity
Ync=L*WRGBnc=100, 52, 87, 31
Sr=(ΔY/Y)
2 100
T*CIELABu9=37 (Y/Yu)1/1,5+13 (Yu=18, Ync/100<Y<=Ync)
log(dY/Y) = log[1,5(Yu/36)] − (1/1,5) log(Y/Yu)
= (1/1,5) log[1,5(Yu/36)] − (1/1,5) log(Y)
1 10
log(dY/Y)=−0,64, mu=−0,66
application range
T*u=50, dYu=4,05, dYu/Yu=0,2253
0 1
0,1
1
10
Yu=18
100
Y
−1
−2
−1
0
YN=3,6
1
YW=90
2
log(Y)

BEY91−5A