

9 step series, sample and surround mean grey U40 is too dark, evaluate scaling of U40 $e_{08} < 0,50$.



evaluate the scaling for the presented Grey U40 between White W and Black N

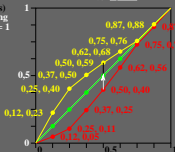


0 $e_{08} = 0,40$? 1

The gamma value $\gamma_{inv} = 1,333$ of the software *Gamma Adjuster* reaches equal differences and corresponds to $e_{08} = 0,39$.

Output (9 steps)
adjusted spacing
 $0 \leq rgb^*_{out} \leq 1$

surround Grey: U40



go to next image 2

one experimental value:
 $e_{08} = 0,39$
real gamma value:
 $\gamma_{rel} = \log [0,50] / \log [e_{08}] = 0,750$
inverse gamma value:
 $\gamma_{inv} = \log [e_{08}] / \log [0,50] = 1,333$
The software *Gamma Adjuster* reaches equal differences for $\gamma_{inv} = 1,333$
equally spaced
 $0 \leq rgb^*_{in} \leq 1$
Input (9 steps)