

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

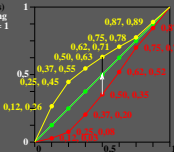


0  $e_{08} = 0,35$  ? 1

The gamma value  $\gamma_{inv} = 1,500$  of the software *GammaAdjuster* reaches equal differences and corresponds to  $e_{08} = 0,35$ .

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

surround Grey: U40



go to next image 2

one experimental value:  
 $e_{08} = 0,35$

real gamma value:  
 $\gamma_{rel} = \log [0,50] / \log [e_{08}] = 0,666$

inverse gamma value:  
 $\gamma_{inv} = \log [e_{08}] / \log [0,50] = 1,500$

The software *GammaAdjuster* reaches equal differences for  $\gamma_{inv} = 1,500$

equally spaced  
 $0 \leq rgb^*_{in} \leq 1$   
Input (9 steps)