

9 step series, sample and surround mean grey U40 is too dark, adjust U40 to U41 with $p_{008} > 0,50$.



adjust visual equal difference for the intended Grey U41 between White W and Black N

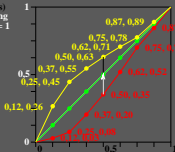


0 pos=0,63 ϕ 1

The gamma value $\gamma_{inv}=0,666$ of the software *GammaAdjuster* reaches equal differences and corresponds to $p_{008}=0,62$.

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

surround Grey: U40



go to next image 2

one experimental value:

pos=0,62

real gamma value:

$\gamma_{rel} = \log [0,50] / \log [e_{008}] = 1,500$

inverse gamma value:

$\gamma_{inv} = \log [e_{008}] / \log [0,50] = 0,666$

The software *GammaAdjuster* reaches equal differences for $\gamma_{inv}=0,666$

equally spaced

$0 \leq rgb^*_{in} \leq 1$

Input (9 steps)