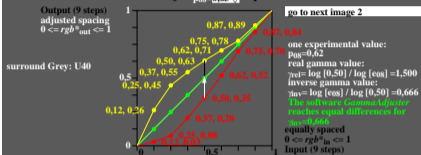


9 step series, sample and surround mean grey U40 is too dark, adjust U40 to U41 with  $p_{05}>0.50$ .

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

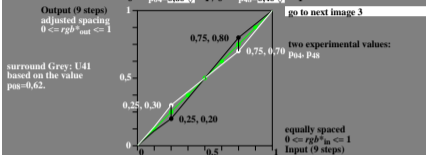
The gamma value  $\gamma_{rel}=0.66$  of the software Gamma Adjuster reaches equal differences and corresponds to  $p_{05}=0.62$ .



ieb70-1a, image 1, produce (p) equal visual difference between Black N – White W,  $\gamma_{rel}=0.67$

9 step series, sample and surround mean Grey is U41, all samples are lighter based on  $p_{05}=0.62$ .

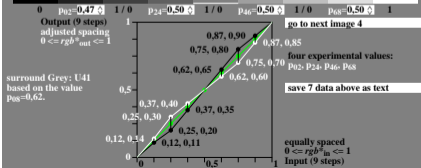
adjust visual equal difference for two of 5 steps



ieb70-2a, image 2, produce (p) equal visual difference between two of five steps,  $\gamma_{rel}=0.67$

9 step series, sample and surround mean Grey is U41, all samples are lighter based on  $p_{05}=0.62$ .

adjust visual equal difference for four of 9 steps

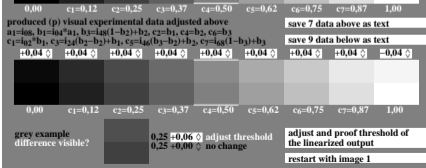


ieb70-3a, image 3, produce (p) equal visual difference between four of nine steps,  $\gamma_{rel}=0.67$

ieb70-3n

9 step series, sample and surround mean Grey is U41, all samples are lighter based on  $p_{05}=0.62$ .

9 step series based on all visual adjustments used for output linearization



ieb70-4a, image 4, produce (p) visual threshold (+0.04?) of 9 steps; all equal?,  $\gamma_{rel}=0.67$