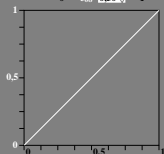


A choice of a value different "0.50" changes the grey sample and surround.
 Beginners often have difficulties to choose an appropriate value.
 Therefore it is recommended for beginners to proceed with image 2.
 After a restart of the experiment, a value different "0.50" may be used.

adjust visual equal difference for one of 3 steps



Output (9 steps)
 adjusted spacing
 $0 < r_{gb}^{b^*}_{out} < 1$



go to next image 2

one experimental value:
 ϵ_{08}

equally spaced
 $0 < r_{gb}^{b^*}_{in} < 1$
 Input (9 steps)

heq60-5a, image 1, produce equal visual difference between Yellow Y – Yellow Yw – White W

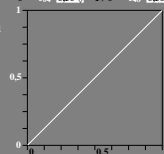
9 step series based only on the visual adjustment of image 1 with value "0.50" or different



adjust visual equal difference for two of 5 steps



Output (9 steps)
 adjusted spacing
 $0 < r_{gb}^{b^*}_{out} < 1$



go to next image 3

two experimental values:
 $\epsilon_{04}, \epsilon_{48}$

equally spaced
 $0 < r_{gb}^{b^*}_{in} < 1$
 Input (9 steps)

heq60-6a, image 2, produce equal visual difference between two of five steps

9 step series based only on the visual adjustment of image 1 with value "0.50" or different

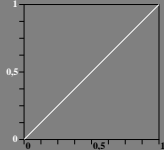


adjust visual equal difference for four of 9 steps



0 $\epsilon_{02}=0,50$ 1/0 $\epsilon_{24}=0,50$ 1/0 $\epsilon_{46}=0,50$ 1/0 $\epsilon_{68}=0,50$ 1

Output (9 steps)
 adjusted spacing
 $0 < r_{gb}^{b^*}_{out} < 1$



go to next image 4

four experimental values:
 $\epsilon_{02}, \epsilon_{24}, \epsilon_{46}, \epsilon_{68}$

save 7 data above as text

equally spaced
 $0 < r_{gb}^{b^*}_{in} < 1$
 Input (9 steps)

heq60-7a, image 3, produce equal visual difference between four of nine steps

heq60-7n

9 step series based only on the visual adjustment of image 1 with value "0.50" or different



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



0,00 $c_1=0,12$ $c_2=0,25$ $c_3=0,37$ $c_4=0,50$ $c_5=0,62$ $c_6=0,75$ $c_7=0,87$ 1,00

calculation with visual experimental (e) data adjusted above

$a_1=\epsilon_{08}, b_1=\epsilon_{04} * a_1, b_2=\epsilon_{48}(1-b_2)+b_2, c_2=b_1, c_4=b_2, c_6=b_3$
 $c_1=\epsilon_{02} * b_1, c_3=\epsilon_{24}(b_1-b_2)+b_1, c_5=\epsilon_{46}(b_1-b_2)+b_2, c_7=\epsilon_{08}(1-b_3)+b_3$

save 7 data above as text

save 9 data below as text

+0,04 +0,04 +0,04 +0,04 +0,04 +0,04 +0,04 +0,04 +0,04



0,00 $c_1=0,12$ $c_2=0,25$ $c_3=0,37$ $c_4=0,50$ $c_5=0,62$ $c_6=0,75$ $c_7=0,87$ 1,00

grey example
 difference visible?

0,25 +0,06 adjust threshold
 0,25 +0,00 no change

adjust and proof threshold of
 the linearized output

restart with image 1

heq60-8a, image 4, adjust visual threshold (+0,04?) of 9 steps; all equal?