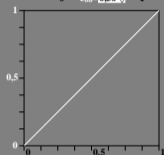


A choice of a value different "0.50" changes the grey sample and surround.
 Beginners often have difficulties to choose an appropriate value.
 Therefore it is recommended for beginners to proceed with image 2.
 After a restart of the experiment, a value different "0.50" may be used.

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:
 e_{08}

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

her90-1a, image 1, produce equal visual difference between Black N – Blue Bn – Blue B

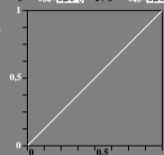
9 step series based only on the visual adjustment of image 1 with value "0.50" or different



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:
 e_{04}, e_{48}

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

her90-2a, image 2, produce equal visual difference between two of five steps

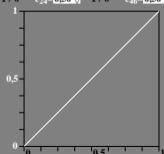
9 step series based only on the visual adjustment of image 1 with value "0.50" or different



adjust visual equal difference for four of 9 steps



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



go to next image 4

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

save 7 data above as text

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

her90-3a, image 3, produce equal visual difference between four of nine steps

her90-3n

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



calculation with visual experimental (e) data adjusted above

$a1=e_{08}, b1=e_{04}^*a1, b3=e_{48}(1-b2)+b2, c2=b1, c4=b2, c6=b3$

$c1=e_{02}^*b1, c3=e_{24}(b1-b2)+b1, c5=e_{46}(b1-b2)+b2, c7=e_{68}(1-b3)+b3$

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



grey example
 difference visible?

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

adjust and proof threshold of the linearized output

restart with image 1

her90-4a, image 4, adjust visual threshold (+0,04?) of 9 steps; all equal?