



L^*/Y_{intended} (absolute)	10.0/1.1	31.0/6.6	52.0/20.1	73.0/45.1	94.0/85.2	N_0 (min.)	W_1 (max.)
							
	00,4	01,3	02,2	03,1	04,0		
$w^* = \frac{L^*}{L^*_{\text{input}}}$ (relative)							
	0,000	0,250	0,500	0,750	1,000	N_0 (min.)	W_1 (max.)

Calculations with luminance L of grey steps and white (w):
CIE luminance reflectance $Y = 88,6 L / L_w$
CIE lightness $L^* = 116 (Y/100)^{1/3} - 16$ for $Y > 0,866$
relative whiteness $w^* = (L^* - L^*_n) / (L^*_w - L^*_n)$

Picture A2: 5 visual equidistant L^* -grey steps; PS operator: w^*/l in 1.0 exp setgray

BAM-test chart no. CE09

Step: S1

input: w^* setgray

Measurement test of 3 sizes of black and white in surrounds W , N output: no change compared to input