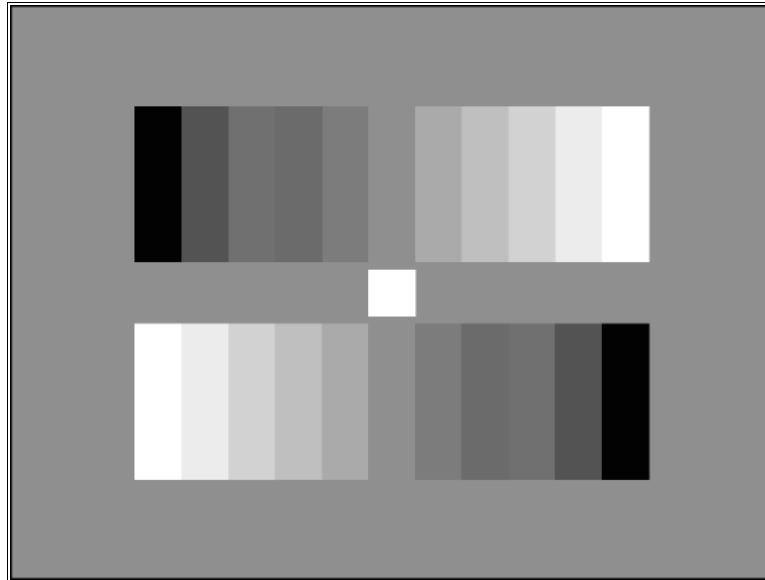




LOGARITHMIC GRAY SCALE TEST CHART

REFLECTANCE



Two 11-graduated counter current gray scales are arranged on a gray background ($D=0.62$), the gray scales being graduated logarithmically ($\gamma = 0.45$). The output signal of an optimal gamma-corrected camera yields two 11-graduated counter current linear step signals. The contrast range of the gray scale is 40:1.

The values of the 11-graduated gray scale are as follows:

Step	Density	Reflectance in %
1	0.05	89
2	0.13	74
3	0.22	60
4	0.32	48
5	0.43	37
6	0.55	28
7	0.69	20
8	0.86	14
9	1.06	9
10	1.31	5
11	1.65	2

The density of the white field between the gray scale is $D=0.05$ (reflectance = 89%).