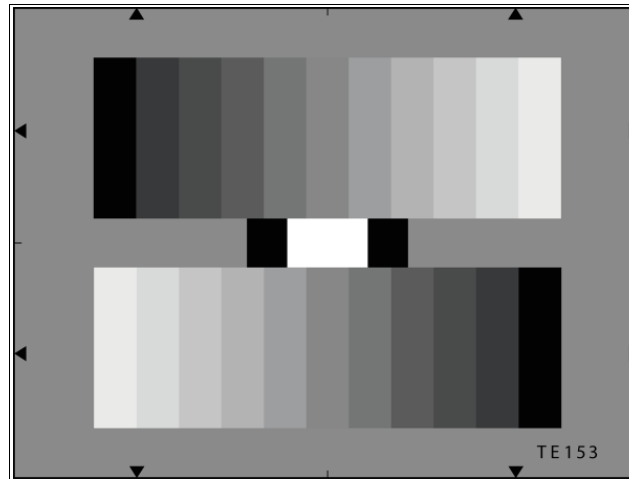




LOGARITHMIC GRAY SCALE TEST CHART

TRANSPARENCY



Two 11-graduated counter current gray scale are arranged on a gray background ($D = 0.56$), the gray scale being graduated logarithmically.

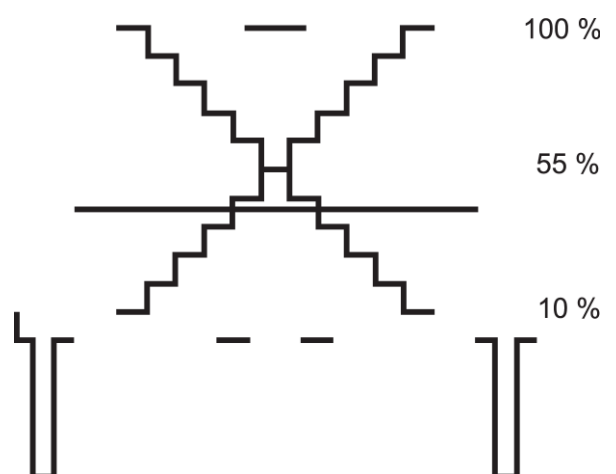
Related to the densities of the gray scales: $\gamma = 0.45$

Related to the transmission values (brightness): $\gamma = 2.2$, that being exactly the reciprocal value of $\gamma = 0.45$

The output signal of a optimally gamma-corrected camera yield two 11-graduates counter current linear step signals. The contrast range of the gray scales is 44 : 1.

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

Step	Density	Transmission in %
1	0.05	89
2	0.13	74
3	0.22	60
4	0.34	48
5	0.44	37
6	0.56	28
7	0.70	20
8	0.88	13
9	1.08	8
10	1.34	5
11	1.70	2



The density values are based on the white parts of the zebra-strip. Two black fields and a white field are located between the gray scales, the density of the black field is $D > 3.0$ (transmission $< 0.1\%$). The density of the white field is $D = 0.05$ (transmission = 89.9%).