intensity the average mean variation was approximately 12. One observer saw blue-green quite differently to the others, his results being much higher though quite consistent with those of the other observers. This leads one to notice that there are individual differences with regard to the intensity of colours even among persons of normal colour sense, and that this question deserves, like so many other questions whose answers are taken for granted, a more thorough investigation than has yet been accorded it.

Violet showed a consistent downward tendency with the decrease of illumination, from an average of 52.77 in highest illumination to an average of 42.34 when 30 papers covered the aperture. The decrease was nowhere large; that being in the violet used more of blue than of red, it gave a very slight though regular diminution with the falling intensity. When 20 tissue papers were added the observer could no longer see colour. In the trials beginning at lowest intensity of illumination and advancing towards the highest, the colour re-appeared when ten tissue papers covered the aperture, but in making slight trials in this intensity the colour appeared and disappeared several times. The average mean variation at highest intensity for all observers was 3.03; at lowest intensity it was 6.04. The average mean variation for the whole series of violet was approximately 4.

Green showed a consistent downward tendency till 30 tissue papers controlled the illumination; but when colour was no longer present the number of degrees rose when 30, 40 and 50 papers respectively covered the aperture. The tendency downward in red was in every case observable. In lowest intensity while they were still at times of red hue it was immediately indicated darker than the black disc on which it was mounted. This we proved for one observer by inserting a sector of 60° white superposed upon the red ring of the disc. Orange-red was very much higher but exhibited the characteristics of red throughout. In full intensity the extremes were from 51.83 to 99.07 while only from 14.25 to 28.128 in lowest intensity. Orange also showed a regular downward tendency the extremes at full intensity being 41.15 and at lowest intensity 15.09.