

Cerium Colourimeter Testing

Time was when children who could not-would-not-read were considered slow, dense or backward. Often placed at the front of the class and kept in after school, many teachers did not realise that they were neither slow nor backward. They were in fact dyslexic.

Over 2.5 million people in the U.K are affected by this word blindness a condition where the brain scrambles the letters, and words become unreadable and causes writing difficulties.

What is acknowledged is the fact that dyslexia has no connection with low intelligence. It's easy to tell the difference between a child who is slow and a child who is dyslexic. If they can spell they are not dyslexic. Sadly there is no cure or proven treatment but, at last help is at hand to bring relief through colour to those suffering visual distortion and headaches.

The Intuitive Colorimeter is a new optometric instrument allowing specific prescribing of tinted lenses for beneficial purposes.

Over many years there have been various trials and research projects carried out into the spectrum of colour. Although the mechanism by which colour helps is not fully understood, is sufficient evidence to justify the use of coloured overlays and the Precision Tinted lenses as determined using the Intuitive Colorimeter.

For some people the process of viewing black print on white paper can produce symptoms of visual discomfort, distortion of the text and headaches. These problems are particularly common amongst those who have reading difficulties and dyslexia. Many of the symptoms given above can be relieved by the use of a specific colour. The colour required in most cases will be unique to each person. The colour can be provided by Precision Tinted Spectacles.

Overlays have been designed for use by children with reading difficulties. The use of an overlay has been shown by The Medical Research Council's Applied Psychology Unit at Cambridge to enable reading speeds to be maintained for longer periods and increased performance in visual search tasks. The same research study also demonstrated the colour selected will vary for each child.

Other applications where the Colorimeter has been used are migraine, headache, photosensitive epilepsy and cases of retinopathy.

Testing Procedure & Charges

Please note that there is no guarantee that the aforementioned problems can be solved/cured by the colourimetry test. Whilst we have had remarkable results using precision tints, there are occasions where no benefit has been derived.

Procedure:

1. Full eye examination followed by the issue of any prescription found for a two week trial to indicate any improvement in symptoms.
2. A colour overlay assessment followed by a two week loan of the coloured sheet for trial at home/school to indicate any further improvement.
3. If there is a benefit from the overlay trial, then a full Colourimetry test can be carried out followed by the fitting of custom tinted spectacles to alleviate your symptoms.

Charges:

- A full Eye Examination is currently **£19.95**, but ask at reception as to whether you have NHS exemption.
- An overlay assessment is **£15.00** which includes a charge for the loan of the overlay sheet
- The full colourimetry test appointment will be charged at **£10.00**
- Any tinted spectacles made following colourimetry will be charged at **£35.00** including lens, tint and frame from a selected range. Other frames may be used for an extra charge. (NHS entitlement may apply)