

The Intuitive Colorimeter and Precision Tinted Lenses

A system to help in the treatment of visual stress, migraine,
visual discomfort and associated conditions

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Cerium Precision Tinted lenses have a
certificate of authenticity

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The Intuitive Colorimeter is only available
at qualified optometrists

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Developed together with the Medical Research Council's unit
of Applied Psychology, and produced under license

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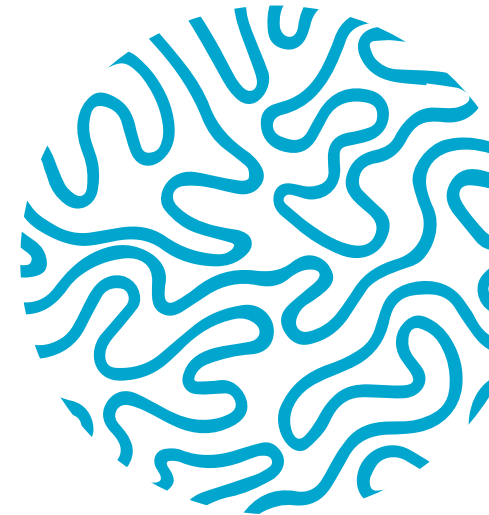
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Visual Stress

Migraine and Visual Discomfort



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Coloured Lenses and Reading Difficulty

Some children and adults who have difficulty with reading experience visual distortion when viewing a page of print: the letters may appear to move, or to blur, the white paper may glare and cause eye-strain or headaches.

The resulting visual discomfort and perceptual distortion may interfere with reading.

This distortion is common in people who have binocular vision problems (for which conventional treatment with exercises may be appropriate), but it can occur quite independently in people whose eyesight is otherwise perfect.

Clinical research trials funded by the Medical Research Council have shown that these problems can be helped by the use of spectacle lenses that have been tinted specifically to meet the individual needs of each patient.

The effect of the colour is generally to give greater clarity and comfort of vision when reading. This can improve fluency and efficiency and help to reduce headaches and aid concentration.

In order to determine the most effective tint, an assessment is carried out using the Intuitive Colorimeter, an instrument developed for this purpose funded by the Medical research Council.



The Intuitive Colorimeter

With this instrument it is possible to examine in detail the benefits of colour on reading.

The result of the test can be produced both reliably and accurately in the form of precision tinted lenses by utilising a unique system specially developed to compliment the **intuitive colorimeter**. With this method of tinting there are over 110,000 different hues available and so any colour determined through the Colorimeter can be matched.

Remember:
Each patient's colour requirement is unique and their precision lenses are individually made.



Before undergoing Colorimetry a full eye examination should be carried out.

Precision tinted lenses are available with or without an optical prescription as advised by the Optometrist and should be used as directed.

This is the only system prescribing tinted lenses for the treatment of visual stress and visual distortion associated with reading that has been researched and trialled by the Medical Research Council's Applied Psychology unit.

Other methods may not offer the same precise scientifically based analysis of the colour that will be needed for each patient. Precision tinted lenses reproduce the best tints faithfully.

Important:
If coloured overlays are used for initial assessment, the most effective colour in overlays is not always the same as that for use in spectacles. The large range of colour available with lenses helps obtain the best effects.

The use of coloured lenses has also been shown to be helpful for some people who suffer from certain types of migraine as well as for people who have suffered from brain injury.

