

**Specification of Colour Appearance for Reflective Media and Self-Luminous Display Comparisons** - Background Information Relating to the Development of the CIECAM02 Colour Appearance Model  
CIE 195:2011

This Technical Report summarises the body of work conducted by CIE Technical Committee 1-27 "Specification of Colour Appearance for Reflective Media and Self-Luminous Display Comparisons" from 1990 until 2001. After compiling data from researchers around the world and studying various forms of colour appearance models to predict results from hardcopy/softcopy matching experiments under a variety of viewing conditions, it was discovered that the same colour appearance model would not consistently or adequately predict the visual results. In 2001, all CIE TC1-27 results were passed along to CIE TC 8-01, Colour Appearance Modeling for Colour Management Systems. This Technical Committee within Division 8 formulated an effective colour appearance model by combining the best features of the colour appearance models that were studied by CIE TC1-27. The result was the development of the CIECAM02 colour appearance model.

The publication is written in English, with a short summary in French and German. It consists of 46 pages with 28 figures and 14 tables and is readily available via the website of the Central Bureau of the CIE ([www.cie.co.at](http://www.cie.co.at)).

The price of this publication is EUR 66, (Members of the National Committees of the CIE get 66,7% discount).

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