

CIE TC 8-02 Colour Difference Evaluation in Images

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**CIE TC8-
02**

Terms of Reference

**To study, develop and
recommend methods to derive
colour differences for images**

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02**

Membership (17)

Chairman: R Luo (UK)

P. Alessi (US)
M. Fairchild (US)
J. Gibson (US)
R. Hunt (UK)
M. Lo (Individual)
B. Rigg (UK)
K. Takemura (JP)
S. Viggiano (US)

O. Da Pos (IT)
G. Field (US)
B. Hill (DE)
D. MacDowell (US)
M. Mahy (Belgium)
M. Stokes (US)
J. Uroz (SP)

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TC 8-02 Deliverables

- A TC 8-02 Technical Report *Methods for deriving colour difference images*
- A collection of available experimental data sets
- A ring test to assess a set of printed images between different sites
- To recommend a colour difference formula with weights for individual colour difference components and an option on spatial filters

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Progress

- TC report V3 *Methods for deriving colour difference in Images*
 - Implementation of spatial filters as an worked example
- Ring test
 - Preparation of a set of printed images
 - Visual assessments at the University of Derby
 - Visual assessments at HP (Barcelona)
 - Experiment at FujiFilm, Japan to be completed on 15 July.
 - Experiment at HP (Boise), USA to be completed by Mid. August.

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Schedule

- Complete the TC8-02 technical report *November 2003*
- Complete the ring test *September 2003*
- Complete the data analysis + Results *November 2003*
- To propose a standard method including *February 2004*

- ☒ Test images
- ▲ Colour difference formula
- ▲ Spatial filters

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Next Meeting

CIC11 conference, US, November, 2003

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