

INTERNATIONAL  
STANDARD

**ISO**  
**11664-4**  
**CIE S 014-4/E**

First edition  
2008-11-01

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**Colorimetry —**

**Part 4:**

**CIE 1976 L\*a\*b\* Colour space**

*Colorimétrie —*

*Partie 4: Espace chromatique L\*a\*b\* CIE 1976*



Reference number  
ISO 11664-4:2008(E)  
CIE S 014-4/E:2007

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Published in Switzerland

## Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

ISO 11664-4 was prepared as Standard CIE S 014-4/E by the International Commission on Illumination, which has been recognized by the ISO Council as an international standardizing body. It was adopted by ISO under a special procedure which requires approval by at least 75 % of the member bodies casting a vote, and is published as a joint ISO/CIE edition.

The International Commission on Illumination (abbreviated as CIE from its French title) is an organization devoted to international cooperation and exchange of information among its member countries on all matters relating to the science and art of lighting.

ISO 11664-4 was prepared by CIE Technical Committee 1-57 of Division 1, *Vision and colour*.

ISO 11664 consists of the following parts, under the general title *Colorimetry*:

- *Part 1: CIE standard colorimetric observers*
- *Part 2: CIE standard illuminants*
- *Part 4: CIE 1976 L\*a\*b\* Colour space*