

BS EN ISO 11664-6:2016



BSI Standards Publication

Colorimetry

Part 6: CIEDE2000 Colour-difference
formula (ISO/CIE 11664-6:2014)



National foreword

This British Standard is the UK implementation of EN ISO 11664-6:2016. It is identical to ISO/CIE 11664-6:2014. It supersedes BS ISO/CIE 11664-6:2014 which is withdrawn.

The UK participation in its preparation was entrusted to Technical Committee STI/14, Colour measurement and schedules.

A list of organizations represented on this committee can be obtained on request to its secretary.

This publication does not purport to include all the necessary provisions of a contract. Users are responsible for its correct application.

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Compliance with a British Standard cannot confer immunity from legal obligations.

This British Standard was published under the authority of the Standards Policy and Strategy Committee on 28 February 2014.

Amendments/corrigenda issued since publication

Date	Text affected
31 August 2016	This corrigendum renumbers BS ISO/CIE 11664-6:2014 as BS EN ISO 11664-6:2016

English Version

Colorimetry - Part 6: CIEDE2000 Colour-difference
formula (ISO/CIE 11664-6:2014)

Colorimétrie - Partie 6: Formule d'écart de couleur
CIEDE2000 (ISO/CIE 11664-6:2014)

Farbmetrik - Teil 6: CIEDE2000 Formel für den
Farbabstand (ISO/CIE 11664-6:2014)

This European Standard was approved by CEN on 15 July 2016.

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European foreword

The text of ISO 11664-6:2014 has been prepared by Technical Committee ISO/TC 274 “Light and lighting” of the International Organization for Standardization (ISO) and has been taken over as EN ISO 11664-6:2016 by Technical Committee CEN/TC 139 “Paints and varnishes” the secretariat of which is held by DIN.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by February 2017, and conflicting national standards shall be withdrawn at the latest by February 2017.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN [and/or CENELEC] shall not be held responsible for identifying any or all such patent rights.

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Endorsement notice

The text of ISO 11664-6:2014 has been approved by CEN as EN ISO 11664-6:2016 without any modification.

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.

The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see www.iso.org/directives).

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For an explanation on the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the WTO principles in the Technical Barriers to Trade (TBT) see the following URL: [Foreword - Supplementary information](#)

ISO/CIE 11664-6 was prepared by CIE Technical Committee TC 1-57 of Division 1 *Vision and colour*, as CIE S 014-6.

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

- *Part 1: CIE standard colorimetric observers*
- *Part 2: CIE standard illuminants*
- *Part 3: CIE tristimulus values*
- *Part 4: CIE 1976 $L^*a^*b^*$ Colour space*
- *Part 5: CIE 1976 $L^*u^*v^*$ Colour space and u' , v' uniform chromaticity scale diagram*
- *Part 6: CIEDE2000 Colour-difference formula*

