



SLOVENSKI STANDARD
SIST EN ISO 11664-6:2016

01-oktober-2016

Kolorimetrija - 6. del: Formula barvne razlike CIEDE2000 (ISO/CIE 11664-6:2014)

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

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

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

Ta slovenski standard je istoveten z: EN ISO 11664-6:2016

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ICS:

17.180.20 Barve in merjenje svetlobe Colours and measurement of light

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en,fr,de

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EUROPEAN STANDARD

EN ISO 11664-6

NORME EUROPÉENNE

EUROPÄISCHE NORM

August 2016

ICS 17.180.20

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.

CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration. Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the CEN-CENELEC Management Centre or to any CEN member.

This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the CEN-CENELEC Management Centre has the same status as the official versions.

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EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

CEN-CENELEC Management Centre: Avenue Marnix 17, B-1000 Brussels

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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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INTERNATIONAL
STANDARD

ISO/CIE
11664-6

First edition
2014-02-01

Colorimetry —

Part 6:

CIEDE2000 Colour-difference formula

Colorimétrie —

Partie 6: Formule d'écart de couleur CIEDE2000

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Reference number
ISO/CIE 11664-6:2014(E)

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Published in Switzerland

Foreword

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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

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COMMISSION INTERNATIONALE DE L'ÉCLAIRAGE
INTERNATIONAL COMMISSION ON ILLUMINATION
INTERNATIONALE BELEUCHTUNGSKOMMISSION

International Standard

CIE S 014-6/E:2013

Colorimetry – Part 6: CIEDE2000 Colour-Difference Formula

Colorimétrie – Partie 6: Formule d'écart de couleur CIEDE2000

Farbmessung – Teil 6: CIEDE2000-Farbabstandsformel

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CIE S 014-6/E:2013

UDC: 535.65:006
535.643.2

Descriptor: Standardisation of colour measurement
Standard colorimetric systems