



SLOVENSKI STANDARD
SIST EN ISO 11664-3:2013
01-julij-2013

Kolorimetrija - 3. del: Barvne vrednosti CIE (ISO 11664-3:2012)

Colorimetry - Part 3: CIE tristimulus values (ISO 11664-3:2012)

Farbmetrik - Teil 3: CIE-Farbwerte (ISO 11664-3:2012)

Colorimétrie - Partie 3: Composantes trichromatiques CIE (ISO 11664-3:2012)

Ta slovenski standard je istoveten z: EN ISO 11664-3:2013

[SIST EN ISO 11664-3:2013](https://standards.iteh.ai/catalog/standards/sist/1d83970a-8af1-40e3-8ed3-a29e87d735ba/sist-en-iso-11664-3-2013)

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ICS:

17.180.20 Barve in merjenje svetlobe Colours and measurement of
light

SIST EN ISO 11664-3:2013

en,fr,de

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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN ISO 11664-3

May 2013

ICS 17.180.20

English Version

Colorimetry - Part 3: CIE tristimulus values (ISO 11664-3:2012)

Colorimétrie - Partie 3: Composantes trichromatiques CIE
(ISO 11664-3:2012)

Farbmetrik - Teil 3: CIE-Farbwerte (ISO 11664-3:2012)

This European Standard was approved by CEN on 16 May 2013.

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.

CEN members are the national standards bodies of Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and United Kingdom.

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

Management Centre: Avenue Marnix 17, B-1000 Brussels

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Foreword

The text of ISO 11664-3:2012 has been prepared by “CIE International Commission on Illumination” of the International Organization for Standardization (ISO) and has been taken over as EN ISO 11664-3:2013 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 November 2013, and conflicting national standards shall be withdrawn at the latest by November 2013.

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.

According to the CEN-CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

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INTERNATIONAL
STANDARD

ISO
11664-3
CIE S 014-3/E

First edition
2012-04-15

Colorimetry —

**Part 3:
CIE tristimulus values**

Colorimétrie —

Partie 3: Composantes trichromatiques CIE

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Reference number
ISO 11664-3:2012(E)
CIE S 014-3/E:2011

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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 11664-3 was prepared as Standard CIE S 014-3/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 11664-3 was prepared by CIE Technical Committee 1-57 of Division: *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 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

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COMMISSION INTERNATIONALE DE L'ÉCLAIRAGE
INTERNATIONAL COMMISSION ON ILLUMINATION
INTERNATIONALE BELEUCHTUNGSKOMMISSION**Standard****CIE S 014-3/E:2011**

Colorimetry - Part 3: CIE Tristimulus Values

Colorimétrie - Partie 3: Composantes trichromatiques CIE

Farbmessung - Teil 3: CIE-Farowerte

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CIE S 014-3/E:2011

UDC: 535.65:006
535.643.2

Descriptor: Standardisation of colour measurement
Standard colorimetric systems