



SLOVENSKI STANDARD
oSIST prEN IEC 60757:2020
01-december-2020

Koda za označevanje barv

Code for designation of colours

Code zur Farbkennzeichnung

Code de désignation de couleurs

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Ta slovenski standard je istoveten z: prEN IEC 60757:2020

[ksIST FprEN IEC 60757:2021](https://standards.iteh.ai/catalog/standards/sist/5bf72db6-7cc2-4aaF-b275-66ebf84ab40d/ksist-fpren-iec-60757-2021)

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ICS:

01.070	Barvno kodiranje	Colour coding
29.020	Elektrotehnika na splošno	Electrical engineering in general

oSIST prEN IEC 60757:2020

en,fr,de

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3/1457/CDV

COMMITTEE DRAFT FOR VOTE (CDV)

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IEC TC 3 : DOCUMENTATION, GRAPHICAL SYMBOLS AND REPRESENTATIONS OF TECHNICAL INFORMATION	
SECRETARIAT: Sweden	SECRETARY: Mr Thomas Borglin
OF INTEREST TO THE FOLLOWING COMMITTEES: SC 3C, SC 3D, TC 9, TC 15, TC 40, TC 44, SC 65C	PROPOSED HORIZONTAL STANDARD: <input checked="" type="checkbox"/> Other TC/SCs are requested to indicate their interest, if any, in this CDV to the secretary.
FUNCTIONS CONCERNED: <input type="checkbox"/> EMC <input type="checkbox"/> ENVIRONMENT <input type="checkbox"/> QUALITY ASSURANCE <input checked="" type="checkbox"/> SAFETY	
<input checked="" type="checkbox"/> SUBMITTED FOR CENELEC PARALLEL VOTING	<input type="checkbox"/> NOT SUBMITTED FOR CENELEC PARALLEL VOTING
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Recipients of this document are invited to submit, with their comments, notification of any relevant patent rights of which they are aware and to provide supporting documentation.

TITLE:

Code for designation of colours

PROPOSED STABILITY DATE: 2030

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CONTENTS

FOREWORD	3
1 Scope	5
2 Normative references	5
3 Terms and definitions	5
4 Letter codes for colours	5
5 Application of colour designations	6
5.1 Multiple colours on the same item	6
5.2 Alternating colours of the same item	6
5.3 Colours on different subitems of an item	6
Annex A (informative) Examples of colours	7
Table 1 – Colours and their letter code	6
Table A.1 – Examples of the colours and their RGB encoding	7

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

CODE FOR DESIGNATION OF COLOURS

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International Standard IEC 60757 has been prepared by IEC technical committee 3: Documentation, graphical symbols and representations of technical information.

It has the status of a basic safety publication in accordance with IEC Guide 104.

This 2nd edition cancels and replaces the 1st edition published in 1983. This edition constitutes a technical revision.

This edition includes the following significant technical changes with respect to the previous edition:

- a) Updated to the last IEC template;
- b) Codes restricted to letter codes;
- c) Removed old unnecessary notes;
- d) Added a new subclause on alternating colours of the same item;
- e) Added Annex A with examples of colours and their corresponding RGB encoding.

71 The text of this International Standard is based on the following documents:

FDIS	Report on voting
3/XX/FDIS	3/XX/RVD

72

73 Full information on the voting for the approval of this International Standard can be found in the
74 report on voting indicated in the above table.

75 This document has been drafted in accordance with the ISO/IEC Directives, Part 2.

76 The committee has decided that the contents of this document will remain unchanged until the
77 stability date indicated on the IEC website under "<http://webstore.iec.ch>" in the data related to
78 the specific document. At this date, the document will be

- 79 • reconfirmed,
- 80 • withdrawn,
- 81 • replaced by a revised edition, or
- 82 • amended.

83

84 **IMPORTANT – The 'colour inside' logo on the cover page of this publication indicates**
85 **that it contains colours which are considered to be useful for the correct understanding**
86 **of its contents. Users should therefore print this document using a colour printer.**

87

88 The National Committees are requested to note that for this document the stability date
89 is **2030**.

90 THIS TEXT IS INCLUDED FOR THE INFORMATION OF THE NATIONAL COMMITTEES AND WILL BE DELETED
91 AT THE PUBLICATION STAGE.

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CODE FOR DESIGNATION OF COLOURS

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1 Scope

98 This International Standard specifies letter codes for designation of colours and provides rules
99 for their combination to designate colour combinations. The letter codes are intended to be
100 applied in the technical documentation of industrial installations, equipment and products, and
101 in markings of equipment and products.

102 This basic safety publication is primarily intended for use by technical committees in the
103 preparation of standards in accordance with the principles laid down in IEC Guide 104 and
104 ISO/IEC Guide 51.

105 It is not intended for use by manufacturers or certification bodies. One of the responsibilities of
106 a technical committee is, wherever applicable, to make use of basic safety publications in the
107 preparation of its publications. The requirements of this basic safety publication will not apply
108 unless specifically referred to or included in the relevant publications.

109 This International Standard does not specify any requirements for the encoding of colour
110 properties, nor for their visual representation. Such requirements are under the responsibility
111 of the different technical committees.

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2 Normative references

112 The following documents are referred to in the text in such a way that some or all of their content
113 constitutes requirements of this document. For dated references, only the edition cited applies.
114 For undated references, the latest edition of the referenced document (including any
115 amendments) applies.

117 IEC Guide 104, *The preparation of safety publications and the use of basic safety publications
118 and group safety publications*

119 ISO/IEC Guide 51, *Safety aspects – Guidelines for their inclusion in standards*

120 IEC 60445, *Basic and safety principles for man-machine interface, marking and identification –
121 Identification of equipment terminals, conductor terminations and conductors*

3 Terms and definitions

123 No terms and definitions are listed in this document.

124 ISO and IEC maintain terminological databases for use in standardization at the following
125 addresses:

- 126 • IEC Electropedia: available at <http://www.electropedia.org/>
- 127 • ISO Online browsing platform: available at <http://www.iso.org/obp>

4 Letter codes for colours

129 For the designation of a colour, the following applies:

- 130 • For colours listed in Table 1, the designation shall be in accordance with the letter code
131 specified in Table 1;