



BSI Standards Publication

Jewellery — Colours of gold alloys — Definition, range of colours and designation

National foreword

This British Standard is the UK implementation of EN ISO 8654:2018+A1:2019. It is identical to ISO 8654:2018, incorporating amendment 1:2019. It supersedes [BS EN ISO 8654:2018](#), which is withdrawn.

The start and finish of text introduced or altered by amendment is indicated in the text by tags. Tags indicating changes to ISO text carry the number of the ISO amendment. For example, text altered by ISO amendment 1 is indicated by **A1** **A1**.

The UK participation in its preparation was entrusted to Technical Committee STI/53, Specifications and test methods for jewellery and horology.

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

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Amendments/corrigenda issued since publication

Date	Text affected
31 January 2020	Implementation of ISO amendment 1:2019 with CEN endorsement A1:2019

English Version

Jewellery — Colours of gold alloys — Definition, range of colours and designation (ISO 8654:2018)

Joaillerie, bijouterie — Couleurs des alliages d'or — Définition, gamme de couleurs et désignation (ISO 8654:2018)

Schmuck — Farben von Goldlegierungen — Bezeichnung, Farbenreihe und Kennzeichnung (ISO 8654:2018)

This European Standard was approved by CEN on 10 March 2018.

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European foreword

This document (EN ISO 8654:2018) has been prepared by Technical Committee ISO/TC 174 “Jewellery and precious metals”.

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of an identical text or by endorsement, at the latest by September 2018, and conflicting national standards shall be withdrawn at the latest by September 2018.

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Endorsement notice

The text of ISO 8654:2018 has been approved by CEN as EN ISO 8654:2018 without any modification.

Foreword to amendment A1

This document (EN ISO 8654:2018/A1:2019) has been prepared by Technical Committee ISO/TC 174 “Jewellery and precious metals” in collaboration with CCMC.

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of an identical text or by endorsement, at the latest by June 2020, and conflicting national standards shall be withdrawn at the latest by June 2020.

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Endorsement notice

The text of ISO 8654:2018/Amd 1:2019 has been approved by CEN as EN ISO 8654:2018/A1:2019 without any modification.

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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 voluntary nature of standards, the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the World Trade Organization (WTO) principles in the Technical Barriers to Trade (TBT) see the following URL: www.iso.org/iso/foreword.html.

This document was prepared by Technical Committee ISO/TC 174, *Jewellery*.

This second edition cancels and replaces the first edition ([ISO 8654:1987](http://www.iso.org/iso/8654:1987)) which has been technically revised with the following changes:

- add a new colour definition: dark red (6N);
- describe a detailed metallographic preparation for the colour measurement;
- add tables for nominal values and tolerances for $L^*a^*b^*$ and L^*C^*h ;
- add figures representing de tolerances in different colour spaces;
- the document was editorially revised.

Introduction

In the manufacture and sale of articles made of or coated with gold alloys, the colour of the surface of the product is an important characteristic.

This document will enable the purchaser to define his requirements with precision by referring to the designations given within this document and so avoids the need for purchasing orders to be accompanied by colour samples.

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