
**Traditional Chinese medicine —
Computerized tongue image analysis
system —**

**Part 3:
Colour chart**

*Médecine traditionnelle chinoise — Système d'analyse d'images
numérisées de la langue —*

Partie 3: Nuancier



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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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A list of all the parts in the ISO 20498 series can be found on the ISO website.

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at www.iso.org/members.html.

Traditional Chinese medicine — Computerized tongue image analysis system —

Part 3: Colour chart

1 Scope

This document specifies the colour character and appearance of the colour chart used in a computerized tongue image analysis system (CTIS).

This document excludes diagnostic or clinical comparison to the colour chart.

2 Normative references

There are no normative references in this document.

3 Terms and definitions

For the purposes of this document, the following terms and definitions apply.

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

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

3.1 colour chart

apparatus which consists of an array of 24 single-colour patches used for the evaluation of colour reproduction of CTIS

3.2 colour space

geometric representation of colours in space, usually of three dimensions

[SOURCE: CIE Publication 17.4, 845-03-25]

3.3 CIELAB colour difference

CIE 1976 L*a*b* colour difference

$$\Delta E_{ab}^*$$

difference between two colour stimuli defined as the Euclidean distance between the points representing them in L*a*b* colour space

[SOURCE: CIE publication 17.4, 845-03-55, 56]

3.4 margin

area beyond the colour patch in the colour chart