



International
Standard

ISO 15076-1

**Image technology colour
management — Architecture,
profile format and data structure —**

**Part 1:
Based on ICC.1:2022**

*Gestion de couleur en technologie d'image — Architecture,
format de profil et structure de données —*

Partie 1: Sur la base de l'ICC.1:2022

**Third edition
2025-10**

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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 document 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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This document was prepared by Technical Committee ISO/TC 130, *Graphic technology*.

This third edition cancels and replaces the second edition (ISO 15076-1:2010), which has been technically revised.

The main changes are as follows:

- `cicpTag` has been added to enable HDR metadata to be carried in the profile;
- `metadataTag` and `dictType` have been added to enable flexible definition of additional metadata;
- it has been clarified that PCSXYZ values can be negative;
- Tag tables are now required to define a contiguous sequence of unique tag elements, with no gaps;
- `parametricCurveType` functions in [Table 69](#) have been corrected;
- informative [Annex B](#) content on embedding profiles has been replaced with a reference to an ICC Technical Note;
- informative [Annex E](#) on chromatic adaptation has been updated;
- the Bibliography and normative references have been updated.

Profiles created in conformance with this document are identified as Version 4.4.0.0 profiles.

A list of all parts in the ISO 15076 series can be found on the ISO website.

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