

# ISO/IEC 18181-2:2024-06 (E)

## Information technology - JPEG XL image coding system - Part 2: File format

---

### Contents

Page

- Foreword..... iv
- 1 Scope ..... 1
- 2 Normative references ..... 1
- 3 Terms and definitions ..... 1
- 4 General ..... 2
- 5 File organization ..... 2
- 6 Data types and numerical values ..... 3
- 7 Graphical descriptions ..... 3
- 8 Binary format of a box ..... 4
- 9 Box types ..... 4
  - 9.1 JPEG XL Signature box ..... 4
  - 9.2 File Type box ..... 5
  - 9.3 Level box ..... 5
  - 9.4 JUMBF box ..... 5
  - 9.5 Exif box ..... 5
  - 9.6 XML box ..... 6
  - 9.7 Brotli-compressed box ..... 6
  - 9.8 Frame Index box ..... 6
  - 9.9 JPEG XL Codestream box ..... 7
  - 9.10 JPEG XL Partial Codestream box ..... 7
  - 9.11 JPEG Bitstream Reconstruction Data box ..... 8
- Annex A (normative) JPEG Bitstream Reconstruction procedure ..... 11
- Annex B (normative) JPEG XL Media Type registration ..... 15
- Bibliography ..... 17