

ISO/IEC 18181-2:2026-04 (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 | 4 |
| 8 Binary format of a box | 4 |
| 9 Box types | 5 |
| 9.1 JPEG XL Signature box (jxl _s) | 5 |
| 9.2 File Type box (ftyp) | 5 |
| 9.3 Level box (jxl _l) | 5 |
| 9.4 JUMBF box (jumb) | 5 |
| 9.5 Exif box (Exif) | 6 |
| 9.6 XML box (xml _s) | 6 |
| 9.7 Brotli-compressed box (brob) | 6 |
| 9.8 Frame Index box (jxli) | 7 |
| 9.9 JPEG XL Codestream box (jxlc) | 8 |
| 9.10 JPEG XL Partial Codestream box (jxlp) | 8 |
| 9.11 HDR Gain Map box (jhgm) | 8 |
| 9.12 JPEG Bitstream Reconstruction Data box (jbrd) | 9 |
| Annex A (normative) JPEG Bitstream Reconstruction procedure | 13 |
| Annex B (normative) JPEG XL Media Type registration | 17 |
| Bibliography | 19 |