

JPEG XL (.JXL) FOR PRINT - EXPORT AND UPLOAD

One file. Two modes. Smaller uploads.

JPEG XL is the ISO/IEC 18181 image format. It stores lossy and lossless compression in one file, and 55printing accepts it on every artwork upload.

ISO/IEC

18181 standard

2 modes

Lossy + lossless

~20%

Smaller JPEG repack

300 DPI

Still the print rule

Five ways to export a .jxl

- 1 **Photoshop 26.8+**
File > Save a copy > JPEG XL. Pick lossless or a quality level.
- 2 **GIMP 3.0 (free)**
File > Export As, name it .jxl, choose quality.
- 3 **Lightroom Classic**
Export dialog, JPEG XL in File Settings.
- 4 **Command line**
cjxl poster.png poster.jxl -d 0 for lossless, -d 1 for visually lossless photos.
- 5 **ImageMagick**
magick input.tif output.jxl on a build with libjxl.

What to pick for print

Logos, text, transparency

Export lossless

Photos at 300 DPI print size

Lossy around distance 1.0 (roughly quality 90)

Sharing with people on old software

Keep a JPEG or TIFF fallback

Any file

Embed the ICC color profile when asked

WHAT OPENS .JXL - SUPPORT MATRIX

All three browsers render it now.

Checked October 17, 2026. Native decode landed in Chrome 155 and Firefox 158 this month. Safari has decoded JXL since version 17. Older versions still need a fallback.

Support matrix, October 17, 2026

Chrome 155+**Native**

Decode on by default. Edge follows.

Firefox 158+**Native**

Rust decoder, progressive render.

Safari 17+**Partial**

Decodes, no progressive render.

Photoshop 26.8+**Open and save**

Save a copy, JPEG XL format.

GIMP / Krita / darktable**Open and save**

Free editors already support it.

Windows Photos**Needs codec**

Install a WIC JXL codec to preview.

Upload to 55printing

Every artwork upload accepts .jxl. Our uploader shows a preview even on browsers that cannot render JXL, because we decode it for you.

Where not to use it yet

Websites for a while longer, email attachments to people on old software, and any printer that has not confirmed JXL support. Keep a JPEG or TIFF fallback.

The honest limit

JXL is a better container for the same pixels. It does not fix low resolution, missing bleed, or the wrong trim size. Our free file review still checks all three.