

Image Compression Settings for Invoice JPEG Format

This document outlines the recommended settings for compressing invoice images in JPEG format to optimize both quality and file size. Adhering to consistent compression parameters ensures invoices are visually clear and storage-efficient across digital archives and communication channels.

Recommended JPEG Compression Settings

Parameter	Suggested Value	Description
Quality	70 - 80	Balancing image clarity and file size. Values within this range typically provide visually lossless results for invoices.
Resolution	150 - 300 DPI	150 DPI suffices for on-screen viewing; 300 DPI is preferable for archivally relevant or print-quality documents.
Color Mode	Grayscale (if possible)	Reduces file size for monochrome or text-based invoices while maintaining legibility.
Chroma Subsampling	4:2:0 or 4:4:4	4:2:0 optimizes size further; use 4:4:4 if preserving sharp text edges is critical.
Progressive Encoding	Enabled	Improves user experience in web viewing by loading the image in successive waves of detail.

Workflow Recommendation

When scanning or exporting invoices to JPEG, set compression parameters during export to avoid multiple generations of encoding, which can degrade image quality. Use automation tools or batch processing with preset values wherever possible.

Important Notes

- Consistent settings across all invoices ensures reliable search, OCR, and archiving results.
- Always retain original, uncompressed or lossless copies for legal and audit purposes whenever feasible.
- Regularly review and validate image legibility after compression, especially for fine-print or signatures.
- JPEG is not ideal for images requiring frequent editing; consider using lossless formats during initial processing.