

Digitization Standards: Opaque Materials

lower
resolution

Group A

- Visual presentation only
- Images only
- Use for course study / lecture support
- No pan & zoom needed
- Low-Moderate resolution standards

Examples: World Civ. class lecture, web presentation, PP presentation; slide sets for course reserve.

GROUP A <i>Digitizing Standards</i>		
	MASTER	DISPLAY
Resolution	72 - 150 dpi	72 dpi
Long Dimension	63 - 1500 pixels	63 - 630 pixels
Bit Depth	1 bit bitonal, 8 bit grayscale, 24 bit color	1 bit bitonal, 8 bit grayscale, 24 bit color
File Type	TIFF (LZW)	JPEG
Compression	lossless	Lossy

Group B

- Detail desired
- Visual presentation with multiple views (pan & zoom)
- Text capture
- Born-digital surrogates of existing and accessible objects – originals still available for technical upgrade
- Resolution standards usually medium to high

Examples: Image intensive presentations—art history lecture; Images of manuscripts to be displayed with text transcription; maps.

GROUP B <i>Digitizing Standards</i>		
	MASTER	DISPLAY
Resolution	300 - 1200 dpi	72 dpi
Long Dimension	262 - 12K pixels	63 - 630 pixels
Bit Depth	1 bit bitonal, 8 bit grayscale, 24 bit color	1 bit bitonal, 8 bit grayscale, 24 bit color
File Type	TIFF (LZW)	JPEG
Compression	lossless	Lossy

Detail Continuum



Group C

- Greatest detail desired
- Images for very detailed analysis (more than group B) and / or images that are digitized for preservation purposes
- Born digital items where access to the original is limited
- Brittle and/or light sensitive archival materials (you may only be able to scan the original once)
- Microprint / microform.
- Highest resolution standards

Examples: lantern slides; brittle manuscript pages; slides digitized for preservation purposes; painting in which detail of brush-strokes is desired.

*higher
resolution*

GROUP C <i>Digitizing Standards</i>		
	MASTER	DISPLAY
Resolution	1200 - 2500 dpi	300 dpi
Long Dimension	1050 - 25K pixels	262 - 3000 pixels
Bit Depth	1 bit bitonal, 8 bit grayscale, 24 bit color	1 bit bitonal, 8 bit grayscale, 24 bit color
File Type	TIFF (LZW)	JPEG
Compression	lossless	None or lossless

Dimensions used: low end - .875 X 1.75 inches; high end - 8 X 10 inches.

PRINT RESOLUTION: Standard for each group

* Display image standard for GROUP A & GROUP B; high resolution provided via URL

** Thumbnail images are generated by CONTENT