

Oz Image Pixel Requirement Chart

Columns	Dimensions	300 dpi	240 dpi
	Printed Width in Journal	Optimal Number of Pixels for High-Res Printing	Minimum Number of Pixels for High-Res Printing
1	2 "	600	480
2	4.25 "	1,275	1,020
3	6.5 "	1,950	1,560
4	8.75 "	2,625	2,100
Full	10.5 "	3,150	2,520
Full Bleed	10.75 "	3,225	2,580

Offset printing requires a large number of pixels due to the half-toning process used in four-color and black-and-white screening. Our printer prefers to have images with at least 300 dpi (dots per inch). Hence, according to the chart above, an image one column wide (2 inches in the journal) needs to be at least 600 pixels wide, etc. We can go down to 480 pixels wide (240 dpi), but the image quality will be slightly diminished. Images with smaller numbers of pixels cannot be used without visible pixelation in print.