

RESOLUTION *Guide*

The chart below explains the relationship between the print size, pixel dimension and open file size. For optimal printing follow the optimal printing column. If you have a smaller file and still want to get it printed, follow the lowest setting guide column. The better the resolution you have the better the print (up to 400 ppi). The file sizes below are based on open, color files. Remember that black and white will have the same pixel dimensions but will be one third the file size. A TIFF file is the same size open or closed. A JPEG is larger when opened and smaller when it is closed.

Print Size	Optimal Printing Pixel Dimension (300 ppi)	Open File Size (approx.)	Lowest Setting Pixel Dimension (175 ppi)	Open File Size (approx.)	Web Pixel Dimension (72 ppi) (cannot print)	Open File Size (approx.)
2.5x3.5	750x1050	2.25 MB	438x613	790 K	180x256	133 K
4x5.33	1200x1599	5.5 MB	700x933	1.87 MB	324x384	364 K
3.5x5	1050x1500	4.51 MB	613x875	1.53 MB	252x360	265 K
4x6	1200x1800	6 MB	700x1050	2 MB	288x432	364 K
4x7	1200x2100	7 MB	700x1225	2.5 MB	288x504	426 K
4x11	1200x3300	11 MB	700x1925	4 MB	788x792	669 K
4x5	1200x1500	5 MB	700x875	1.75 MB	288x360	304 K
5x5	1500x1500	6.5 MB	875x875	2.5 MB	360x360	390 K
5x7	1500x2100	9 MB	875x1225	3 MB	360x504	531 K
8x10	2400x3000	20 MB	1400x1750	7 MB	576x720	1.20 MB
8x12	2400x3600	25 MB	1400x2100	8.5 MB	576x864	1.42 MB
11x14	3300x4200	40 MB	1925x2450	14 MB	792x1008	2.28 MB
12x18	3600x5400	56 MB	2100x3150	19 MB	864x1296	3.20 MB
12x36	3600x10800	111 MB	2100x6300	38 MB	864x2592	6.41 MB
16x20	4800x6000	82 MB	2800x3500	28 MB	1152x1440	4.75 MB
16x24	4800x7200	100 MB	2800x4200	34 MB	1152x1728	5.70 MB
20x24	6000x7200	123 MB	3500x4200	42 MB	1440x1728	7.12 MB
24x36	7200x10800	222 MB	4200x6300	75 MB	1728x2592	12.8 MB
30x40	9000x12000	310 MB	5250x7000	105 MB	2160x2880	17.8 MB