BMP   Format

example

Field	Size	Values	Notes
bfType	2 bytes	'BM'	
bfSize	4 bytes	54 - 68 - 0 - 0	(68*256+54 = 17462)
bfReserved1	2 bytes	0 - 0	
bfReserved2	2 bytes	0 - 0	
bfOffBits	4 bytes	54 - 4 - 0 - 0	(1078) $1078 + 128*128 = 17462$
biSize	4 bytes	40 - 0 - 0 - 0	(40) $4 + 4 + ... + 4 = 40$
biWidth	4 bytes	128 - 0 - 0 - 0	(128)
biHeight	4 bytes	128 - 0 - 0 - 0	(128)
biPlanes	2 bytes	1 - 0	(1) not saved as color planes
biBitCount	2 bytes	8 - 0	(8)
biCompression	4 bytes	0 - 0 - 0 - 0	(0)
biSizeImage	4 bytes	0 - 64 - 0 - 0	(16384) $128*128 = 16384$
biXPelsPerMeter	4 bytes	109 - 11 - 0 - 0	(2925)
biYPelsPerMeter	4 bytes	109 - 11 - 0 - 0	(2925)
biClrUsed	4 bytes	228 - 0 - 0 - 0	(228)
biClrImportant	4 bytes	228 - 0 - 0 - 0	(228)
blue_0	1 byte	0	
green_0	1 byte	0	
red_0	1 byte	0	
reserved_0	1 byte	0	
blue_m-1	1 byte		
green_m-1	1 byte		
red_m-1	1 byte		
reserved_m-1	1 byte		
image data		left to right, bottom to top	