

DPI Problems

by Emmanuel King Turner, 2012 eturnerx@gmail.com, <http://eturnerx.com/>
Creative Commons License: Attribution-ShareAlike 2.0 Generic (CC BY-SA 2.0)

This document simulates the problems that can occur with using images at poor resolution or over compressed images. Zoom in on the images and/or print the document to see the effect.

Image credit: <http://www.flickr.com/photos/sludgeulper/4627114997/sizes/n/in/photostream/>
Image by Flickr.com user Sludgeulper. License: Attribution-ShareAlike 2.0 Generic (CC BY-SA 2.0)

Original Image

768 x 1024px @ 300dpi = 6.5 x 8.7cm



Even Worse DPI

75 x 100px @ 30dpi = 6.5 x 8.7cm



Low DPI

180 x 240px @ 70dpi = 6.5 x 8.7cm



Too Compressed (JPEG)

768 x 1024px @ 300dpi = 6.5 x 8.7cm



Banding and no texture. Bruising where contrast changes (eg text).