# Setting image DPI

Magic Report provides three levels to set DPI for images in generated reports as follows:

1. **Global** level
   By adding the **template.output.image.dpi** variable in the Report Environment options, this DPI setting takes effect in images in any reports generated from any templates.

2. **Template** level
   The **ImageDPI** variable supported in Report Data of a template can be added so that the defined DPI value takes effect in images in reports generated from this template.

   > ⚠ **Note**
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   > The template level setting has a higher priority than the global level setting.

3. **Object** level
   Supporting **$report.getImageFor($element, $dpi)**, this DPI setting takes effect in some images in a template whereas:

   - **$element** is a MagicDraw element. The image of $element is returned with specified DPI.
   - **$dpi** is an Integer.
     - The normal value boundary of the integer is 1 to 4800.
       - If less than 1, the value is not taken, and the DPI setting in the template and global levels will be used respectively.
       - If more than 4800, the value will be rounded down to 4800.

   > ⚠ **Note**
   >
   > The object level setting has the highest priority. The DPI from this level setting overrides the global and template level settings and takes effect in specified images.