# More packages – **graphics** Class 5 (26-03-20)

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### Colours graphics in the document

First you have to input packages using \usepackage{color}and \usepackage{graphicx}. Then read the packages documentation.

This document "Packages in the graphics bundle" serves as a user-manual for the packages color, graphics, and graphicx. Further documentation may be obtained by processing the source (dtx) files of the individual packages.

#### Package colour

One special option for the color package that is of interest is monochrome. If this option is selected the colour commands are all disabled so that they do not generate errors, but do not generate colour either. This is useful if previewing with a previewer that can not produce colour.

#### Defining colours

The colours black, white, red, green, blue, cyan, magenta, yellow should be predefined, but should you wish to mix your own colours use the \definecolor command.

```
\definecolor{light-blue}{rgb}{0.8,0.85,1}
\definecolor{mygrey}{gray}{0.75}
```

To use predefined colour you have to write \color{name}. To write text in colour you write \textcolor{name}{text}.

Users are encouraged to produce different versions of this file for any printers they use.

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## Package graphicx

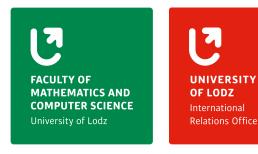
Package graphicx is 'extended' textttgraphics package.

Usage:  $\include graphics [options]{file.jpg}$ . It is possible to use also .pdf and .png files.

As options you can write for example: scale=number, rotate=angle, width=value, heigth=value.

#### Some examples

1. Picture in normal size (here we use option scale=0.1).



2. Picture rotated. We use option angle=45 and -45.

