The **circle** package

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As the name says, `\Circle` gives a circle in math mode. Its size lies between that of the binary operator `\circ` and that of the unary operator `\bigcirc`. It can be used as the nextstep operator of temporal logic in conjunction with `\Box` and `\Diamond` (latexsym) or `\square` and `\lozenge` (amssymb). `\Circle[f]` gives a filled circle. ○□◇

As you probably know, L. Lamport discouraged the use of the nextstep operator for program verification. This could be the reason that he did not provide a symbol for it in LaTeX.

The circles are taken from the lcircle10 font. We try to choose the appropriate size. If you need a high quality output, this solution will not suit you.

Bugs: circles have size n at fontsize $2n - 1$ and $2n$; they do not scale linearly depending on the fontsize