

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