The printlen package*

Print lengths in a variety of units

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1 Usage

`\printlength{`⟨*length*⟩`}` prints the value of a LaTeX length in the units specified by `\uselengthunit{`⟨*unit*⟩`}`, where ⟨*unit*⟩ may be any TeX length unit except for scaled point. That is, ⟨*unit*⟩ may be any of: `pt`, `pc`, `in`, `mm`, `cm`, `bp`, `dd` or `cc`. When `pt` is set the printed length value will include any stretch or shrink values, otherwise these are not printed. The ⟨*unit*⟩ argument may also be `PT`, in which case length values will be printed in pt units but without any stretch or shrink values. An unknown value for ⟨*unit*⟩ is treated as though it had been specified as `pt`.

The unit is separated from the number using the command `\unitspace` which is set to `\,` by default. In math mode the units are printed upright.

`\rndprintlength{`⟨*length*⟩`}` prints the rounded value of a LaTeX length. Use `PT` instead of `pt` for rounded points if there are stretch or shrink values.

The initial setting is `\uselengthunit{pt}`.

Example:

```
1 The \verb|\textwidth| is \printlength{\textwidth} which is also
2 \uselengthunit{in}\printlength{\textwidth} and
```

*This manual corresponds to printlen.sty v1.1b, dated 2026/10/12.

†https://github.com/LaTeX-Package-Repositories/herries-press

```
3 \uselengthunit{mm}\printlength{\textwidth}.
```

The `\textwidth` is 390.0pt which is also 5.39749 in and 137.06772 mm.

2 Change history

Version 1.1b (2026/10/12)

- New maintainer (LaTeX Project)

Version 1.1a (2009/09/03)

- New maintainer (Will Robertson)

Version 1.1 (2001/12/09)

- Print rounded values
- Space between value and units

Version 1.0 (2001/11/03)

- First public release