The Euro Symbol with LaTeX

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The Official Symbol

There are a number of different LaTeX packages and fonts that allow the symbol for the euro, the European currency unit, to be printed. The one I recommend below is the simplest and conforms best to the official rules.

One problem is that the official symbol, €, is meant to be a sans serif character, always the same regardless of the font being used. This violates normal typesetting design and practice. After all, the dollar and pound signs are different for different fonts. Compare:

This costs £10 or $15 or €14.

This costs £10 or $15 or €14.

```
This costs £10 or $15 or €14.
```

According to the official rules, all three euro symbols should be the same: €.

The `eurosans` Package

I recommend as a compromise using the eurosans package. Load this with

```
\usepackage{eurosans}
```

This creates the command \euro which is always sans serif, but changes to bold and/or italic as needed.

This costs £10 or $15 or €14.

This costs £10 or $15 or €14.

This costs £10 or $15 or €14.

This costs £10 or $15 or €14.

However, for different fonts, it remains sans serif.

This costs £10 or $15 or €14.

```
This costs £10 or $15 or €14.
```