

# New Features in mPDF v5.6

## HTML5 tags

New tags introduced in HTML5 now have basic support in mPDF, and will thus support CSS style references.

The following are treated as block elements similar to `<div>`:

```
<article> <aside> <details> <figure> <figcaption> <footer> <header> <hgroup>  
<nav> <section> <summary>
```

The following are treated as in-line elements:

```
<time> <mark>
```

Mark is set by default to highlight in yellow in config.php using `$defaultCSS` e.g. `mark`

Progress and meter are discussed below:

## `<progress>`

Progress: accepts the attributes value and max. A progress element without a value is called an indeterminate progress bar. Text between the opening and closing tags is not displayed.

CSS styles properties can be applied: display, visibility, margin, padding, border, vertical-align, width, height and opacity. HTML attributes width and height are supported, although not officially part of the spec.

Example:

```
<progress value="5" max="10">50%</progress>
```

- Indeterminate
- Progress: 0%
- Progress: 100%
- Progress: 57%

## <meter>

Meter: accepts the attributes min, max, value, optimum, low, and high. Text between the opening and closing tags is not displayed.

CSS styles properties can be applied: display, visibility, margin, padding, border, vertical-align, width, height and opacity. HTML attributes width and height are supported, although not officially part of the spec.

Example:

```
<meter value="5" max="10" min="1" low="2" high="8" optimum="5.6">5</meter>
```

- Meter: full
- Preferred usage
- Too much traffic
- Much too much traffic

### Custom appearances for <meter> and <progress>

Meter (and to a lesser extent progress) can be used with custom appearances e.g. by using optimum to display the average, and low/high to indicate 90th centiles

Custom appearances can be written by editing the script in classes/meter.php - Use a custom attribute of type="anyname" which is passed to the class as a variable e.g.

```
<meter type="2" value="612.7" optimum="580.4" min="517.0" max="642.7"  
low="542" high="600">612.7</meter>
```

| Domain | Indicator   | LHB number | LHB Indicator value | Wales average | Wales range   | Comparison               |
|--------|---|------------|---------------------|---------------|---------------|--------------------------|
| Deaths | Death Rates per 100,000 population                  | 3046       | <b>612.7</b>        | 580.4         | 517.0 - 642.7 | <input type="checkbox"/> |
|        | Death Rates per 100,000 from cancer                 | 789        | <b>178.2</b>        | 172.7         | 159.5 - 182.2 | <input type="checkbox"/> |
|        | Death Rates per 100,000 from respiratory disease    | 505        | <b>60.5</b>         | 72.11         | 54.41 - 95.5  | <input type="checkbox"/> |
|        | Death Rates per 100,000 from cardiovascular disease | 913        | <b>178.2</b>        | 165.0         | 151.8 - 179.9 | <input type="checkbox"/> |

## Fieldset and Legend

Fieldset and legend

Support for fieldset and legend was introduced in mPDF v5.5. Consider it experimental!

Username:

E-mail:

## CSS styles

*min-height*, *min-width*, *max-height* and *max-width* are now supported in CSS style sheets for `<img>` (only).

*background: url(data:image/gif;base64,...)* is now supported in CSS style sheets (gif, png and jpeg).

This `<div>` has the folder icon set as an embedded image in the CSS

```
div.folder { background:
url(
WSLf/rhf/3kdbWlmxsbP//mf///yH5BAAAAAALAAAAAAQAA4AAARE8L1Ekyky67QZ1hLnjM5UUde0EC
wLJoExKcppV0aCcGCmTIHEIUEqjga0RCMxIC6e0CcgUw6aFjsVMkkIr7g77ZKPJjPZqIyd7sJAgVGoE
Gv2xsBxqNgYPj/gAwXEQA7) no-repeat 4px center; padding: 5px 0 5px 25px; border:
1px solid #000000; }
```