

# Vorlage:Graph:PieChart

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## Pie charts

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You can add a pie chart with a call to this template. This template uses the Vega version 2 JSON specification. **An older template** `{{Pie chart}}` is based on CSS rendering. The template `GraphChart` allows adding of map, line, bar and area charts, as well as stacked line, stacked bar and stacked area charts, but no pie charts. The [template `GraphChart`](#) also uses Vega version 2 and uses `Module:Graph` with Scribunto/Lua programming. This `Template:Graph:PieChart` doesn't use Lua.

## Parameters

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- **radius** specifies the radius of the pie chart in pixels, default is 100
- **legend** specifies the title to be displayed above the legend, default is "Legend". To hide legend, set it to a "-" value without quotes.
- **values** this is a list between square brackets of comma separated label value pairs between single curly braces like [ {"x": "Peaches","y": 100}, {"x": "Plums","y": 32}]
- **rangeliteral** this can be one of the Vega specified rangeliterals, default is "category10", but can also be a list like ["red", "green"]

## Examples

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### Example usage:

```
{{Graph:PieChart|legend=Fruits|radius=125|values= [
    {"x": "Peaches", "y": 100},
    {"x": "Plums", "y": 32},
```



```
{ "x": "Blueberries", "y": 80 },  
{ "x": "Strawberries", "y": 46 },  
{ "x": "Bananas", "y": 41 }  
]  
}}
```

## TemplateData

## TemplateData

Nachfolgend finden sich die [TemplateData](#) Informationen für diese Vorlage. Genutzt werden diese Daten von den Extensions [TemplateWizard](#), [VisualEditor](#) und vielen weiteren.

### VorlagenDaten/TemplateData für das Template "Graph:PieChart"

This template adds a pie chart to the page using Graph extension

#### Vorlagenparameter

**Diese Vorlage hat eine benutzerdefinierte Formatierung.**

| Parameter           |        | Beschreibung   | Typ     | Status        |
|---------------------|--------|--|---------|---------------|
| <b>Radius</b>       | radius | Specify the radius of the pie in number of pixels<br><b>Standard</b><br>100<br><b>Beispiel</b><br>100<br><b>Autowert</b><br>leer | Nummer  | vorgeschlagen |
| <b>Legend Title</b> | legend | The title that will appear above the legend, or '-' to hide it<br><b>Standard</b><br>"Legend"<br><b>Beispiel</b><br>"Fruits"     | Zeichen | vorgeschlagen |



| Parameter                       |                    | Beschreibung   | Typ          | Status       |
|---------------------------------|--------------------|--|--------------|--------------|
|                                 |                    | <b>Autowert</b><br>leer  | olge         | agen         |
| <b>Inner Radius</b>             | innerradius        | To create a doughnut chart specify an inner radius<br><b>Standard</b><br>0<br><b>Beispiel</b><br>0<br><b>Autowert</b><br>leer  | Nummer       | optional     |
| <b>Values</b>                   | valuesdata         | Specify the label value pairs<br><b>Standard</b><br>leer<br><b>Beispiel</b><br>[ {"x": "Peaches","y": 100}, {"x": "Plums","y": 32}, {"x": "Blueberries","y": 80}, {"x": "Strawberries","y": 46}, {"x": "Bananas","y": 41} ]<br><b>Autowert</b><br>leer | Unbekannt    | erforderlich |
| <b>The colors of the slices</b> | rangeliteralcolors | The colors of the slices, specified as Vega defined rangeliteral. This can also be a list like [ "red", "green" ]<br><b>Standard</b><br>"category10"<br><b>Beispiel</b><br>"category10"<br><b>Autowert</b><br>leer                                     | Zeichenfolge | optional     |