JS *charts* ³·⁰ **THE FREE CHARTS GENERATOR**

by Jumpeye Components

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Examples

Basic warm theme

Javascript code to produce above chart:

```
var myData = new Array(['Sector 1', 2], ['Sector 2', 1], ['Sector 3', 3], ['Sector 4', 6], ['Sector 5', 8
var colors = ['#FACC00', '#FB9900', '#FB6600', '#FB4800', '#CB0A0A', '#F8F933'];
var myChart = new JSChart('chartid', 'pie');
myChart.setDataArray(myData);
myChart.colorizePie(colors);
myChart.setTitleColor('#857D7D');
myChart.setPieUnitsColor('#9B9B9B');
myChart.setPieValuesColor('#6A0000');
myChart.draw();
```

If you wish to use an external XML file for data and settings, here are the files you can use for the above example:

```
var myChart = new JSChart('chartid', 'pie');
myChart.setDataXML("data.xml");
myChart.draw();
```

```xml
<?xml version="1.0"?>
<JSChart>
 <dataset type="pie">
  <data unit="Sector 1" value="2"/>
  <data unit="Sector 2" value="1"/>
  <data unit="Sector 3" value="3"/>
  <data unit="Sector 4" value="6"/>
  <data unit="Sector 5" value="8.5"/>
  <data unit="Sector 6" value="10"/>
 </dataset>
 <colorset>
  <color value="#FACC00"/>
  <color value="#FB9900"/>
  <color value="#FB6600"/>
  <color value="#FB4800"/>
  <color value="#CB0A0A"/>
  <color value="#F8F933"/>
 </colorset>
 <optionset>
  <option set="setTitleColor" value="'#857D7D'"/>
  <option set="setPieUnitsColor" value="'#9B9B9B'"/>
  <option set="setPieValuesColor" value="'#6A0000'"/>
 </optionset>
</JSChart>
```

Code using Javascript and external JSON file:

```
var myChart = new JSChart('chartid', 'pie');
myChart.setDataJSON("data.json");
myChart.draw();
```

```
{
```

```json
"JSChart" : {
  "datasets" : [
    {
      "type" : "pie",
      "data" : [
        {
          "unit" : "Sector 1",
          "value" : "2"
        },
        {
          "unit" : "Sector 2",
          "value" : "1"
        },
        {
          "unit" : "Sector 3",
          "value" : "3"
        },
        {
          "unit" : "Sector 4",
          "value" : "6"
        },
        {
          "unit" : "Sector 5",
          "value" : "8.5"
        },
        {
          "unit" : "Sector 6",
          "value" : "10"
        }
      ]
    }
  ],
  "colorset" : [
    "#FACC00",
    "#FB9900",
    "#FB6600",
    "#FB4800",
    "#CB0A0A",
    "#F8F933"
  ],
  "optionset" : [
    {
      "set" : "setTitleColor",
      "value" : "'#857D7D'"
    },
    {
      "set" : "setPieUnitsColor",
      "value" : "'#9B9B9B'"
    },
    {
      "set" : "setPieValuesColor",
      "value" : "'#6A0000'"
    }
  ]
}
```
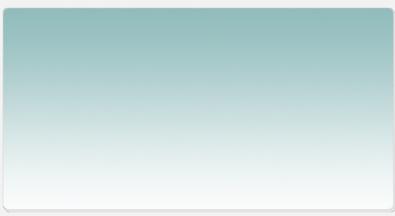
Custom rainbow theme

Code using only Javascript:

```javascript
var myData = new Array(['Jan', 2], ['Feb', 1], ['Mar', 3], ['Apr', 6], ['May', 8], ['Jun', 10], ['Jul', 9
var colors = ['#FFCC00', '#FFFF00', '#CCFF00', '#99FF00', '#33FF00', '#00FF66', '#00FF99', '#00FFCC', '#F
var myChart = new JSChart('chartid', 'pie');
myChart.setDataArray(myData);
myChart.colorizePie(colors);
myChart.setPiePosition(308, 170);
myChart.setPieRadius(95);
myChart.setPieUnitsFontSize(8);
myChart.setPieUnitsColor('#474747');
myChart.setPieValuesColor('#474747');
myChart.setPieValuesOffset(-10);
myChart.setTitleColor('#fff');
myChart.setSize(616, 321);
myChart.setBackgroundImage('path/background.jpg');
myChart.draw();
```

Code using Javascript and external XML file:

```
var myChart = new JSChart('chartid', 'pie');
myChart.setDataXML("data.xml");
myChart.draw();
```

```xml
<?xml version="1.0"?>
<JSChart>
 <dataset type="pie">
  <data unit="Jan" value="2"/>
  <data unit="Feb" value="1"/>
  <data unit="Mar" value="3"/>
  <data unit="Apr" value="6"/>
  <data unit="May" value="8"/>
  <data unit="Jun" value="10"/>
  <data unit="Jul" value="9"/>
  <data unit="Aug" value="8"/>
  <data unit="Sep" value="5"/>
  <data unit="Oct" value="6"/>
  <data unit="Nov" value="2"/>
  <data unit="Dec" value="4"/>
 </dataset>
 <colorset>
  <color value="#FFCC00"/>
  <color value="#FFFF00"/>
  <color value="#CCFF00"/>
  <color value="#99FF00"/>
  <color value="#33FF00"/>
  <color value="#00FF66"/>
  <color value="#00FF99"/>
  <color value="#00FFCC"/>
  <color value="#FF0000"/>
  <color value="#FF3300"/>
  <color value="#FF6600"/>
  <color value="#FF9900"/>
 </colorset>
 <optionset>
  <option set="setPiePosition" value="308, 170"/>
  <option set="setPieRadius" value="95"/>
  <option set="setPieUnitsFontSize" value="8"/>
  <option set="setPieUnitsColor" value="'#474747'"/>
  <option set="setPieValuesColor" value="'#474747'"/>
  <option set="setPieValuesOffset" value="-10"/>
  <option set="setTitleColor" value="'#fff'"/>
  <option set="setSize" value="616, 321"/>
  <option set="setBackgroundImage" value="'path/background.jpg'"/>
 </optionset>
</JSChart>
```

Code using Javascript and external JSON file:

```
var myChart = new JSChart('chartid', 'pie');
myChart.setDataJSON("data.json");
myChart.draw();
```

```json
{
 "JSChart" : {
  "datasets" : [
   {
    "type" : "pie",
    "data" : [
     {
      "unit" : "Jan",
      "value" : "2"
     },
     {
      "unit" : "Feb",
      "value" : "1"
     },
     {
      "unit" : "Mar",
      "value" : "3"
     },
     {
      "unit" : "Apr",
      "value" : "6"
     },
     {
      "unit" : "May",
      "value" : "8"
     },
     {
      "unit" : "Jun",
      "value" : "10"
     },
     {
      "unit" : "Jul",
      "value" : "9"
     },
     {
      "unit" : "Aug",
      "value" : "8"
     },
     {
      "unit" : "Sep",
      "value" : "5"
     },
     {
      "unit" : "Oct",
```

```
          "value" : "6"
        },
        {
          "unit" : "Nov",
          "value" : "2"
        },
        {
          "unit" : "Dec",
          "value" : "4"
        }
      ]
    }
  ],
  "colorset" : [
    "#FFCC00",
    "#FFFF00",
    "#CCFF00",
    "#99FF00",
    "#33FF00",
    "#00FF66",
    "#00FF99",
    "#00FFCC",
    "#FF0000",
    "#FF3300",
    "#FF6600",
    "#FF9900"
  ],
  "optionset" : [
    {
      "set" : "setPiePosition",
      "value" : "308, 170"
    },
    {
      "set" : "setPieRadius",
      "value" : "95"
    },
    {
      "set" : "setPieUnitsFontSize",
      "value" : "8"
    },
    {
      "set" : "setPieUnitsColor",
      "value" : "'#474747'"
    },
    {
      "set" : "setPieValuesColor",
      "value" : "'#474747'"
    },
    {
      "set" : "setPieValuesOffset",
      "value" : "-10"
    },
    {
      "set" : "setTitleColor",
      "value" : "'#fff'"
    },
    {
      "set" : "setSize",
      "value" : "616, 321"
    },
    {
      "set" : "setBackgroundImage",
      "value" : "'chart_bg.jpg'"
    }
  ]
}
}
```

Custom B&W theme

Code using only Javascript:

```
var myData = new Array(['S.1', 20], ['S.2', 70], ['S.3', 30], ['S.4', 60], ['S.5', 80], ['S.6', 10]);
var myChart = new JSChart('chartid', 'pie');
var colors = ['#898A89', '#767776', '#676767', '#434443', '#B0B1B0', '#9E9F9E'];
myChart.setDataArray(myData);
myChart.colorizePie(colors);
myChart.setPieUnitsOffset(-30);
myChart.setPieUnitsColor('#fff');
myChart.setPieValuesOffset(10);
myChart.setPieValuesColor('#878787');
```

```
myChart.setTitleColor('#7A7A7A');
myChart.draw();
```

Code using Javascript and external XML file:

```
var myChart = new JSChart('chartid', 'pie');
myChart.setDataXML("data.xml");
myChart.draw();
```

```xml
<?xml version="1.0"?>
<JSChart>
 <dataset type="pie">
  <data unit="S.1" value="20"/>
  <data unit="S.2" value="70"/>
  <data unit="S.3" value="30"/>
  <data unit="S.4" value="60"/>
  <data unit="S.5" value="80"/>
  <data unit="S.6" value="10"/>
 </dataset>
 <colorset>
  <color value="#898A89"/>
  <color value="#767776"/>
  <color value="#676767"/>
  <color value="#434443"/>
  <color value="#B0B1B0"/>
  <color value="#9E9F9E"/>
 </colorset>
 <optionset>
  <option set="setPieUnitsOffset" value="-30"/>
  <option set="setPieUnitsColor" value="'#fff'"/>
  <option set="setPieValuesOffset" value="10"/>
  <option set="setPieValuesColor" value="'#878787'"/>
  <option set="setTitleColor" value="'#7A7A7A'"/>
 </optionset>
</JSChart>
```

Code using Javascript and external JSON file:

```
var myChart = new JSChart('chartid', 'pie');
myChart.setDataJSON("data.json");
myChart.draw();
```

```json
{
  "JSChart" : {
    "datasets" : [
      {
        "type" : "pie",
        "data" : [
          {
            "unit" : "S.1",
            "value" : "20"
          },
          {
            "unit" : "S.2",
            "value" : "70"
          },
          {
            "unit" : "S.3",
            "value" : "30"
          },
          {
            "unit" : "S.4",
            "value" : "60"
          },
          {
            "unit" : "S.5",
            "value" : "80"
          },
          {
            "unit" : "S.6",
            "value" : "10"
          }
        ]
      }
    ],
    "colorset" : [
      "#898A89",
      "#767776",
      "#676767",
      "#434443",
      "#B0B1B0",
      "#9E9F9E"
    ],
    "optionset" : [
      {
        "set" : "setPieUnitsOffset",
        "value" : "-30"
      },
      {
        "set" : "setPieUnitsColor",
        "value" : "'#fff'"
      },
      {
        "set" : "setPieValuesOffset",
        "value" : "10"
      },
```

```
      {
        "set" : "setPieValuesColor",
        "value" : "'#878787'"
      },
      {
        "set" : "setTitleColor",
        "value" : "'#7A7A7A'"
      }
    ]
  }
}
```

For details on public methods see **Reference**.

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