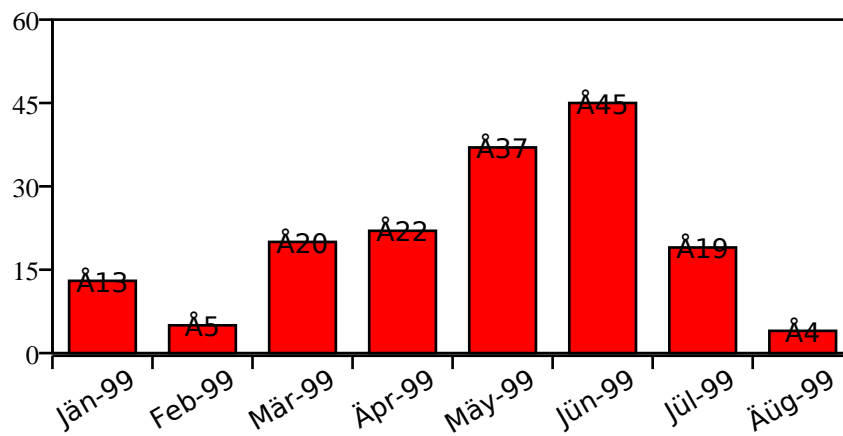
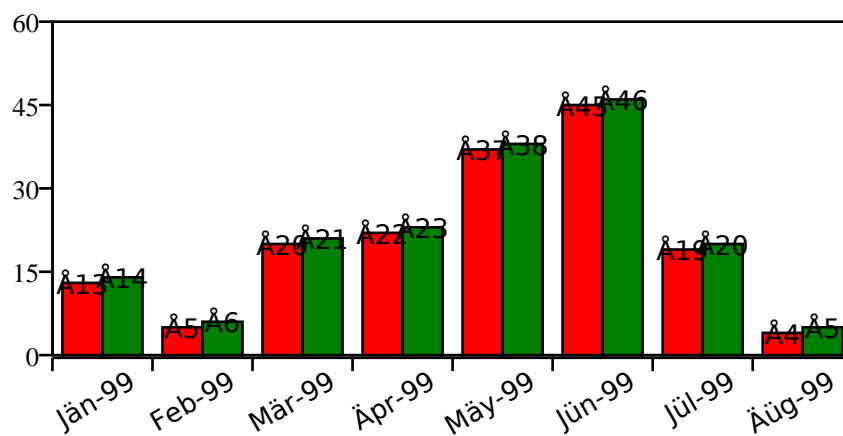


# Tests for chart classes

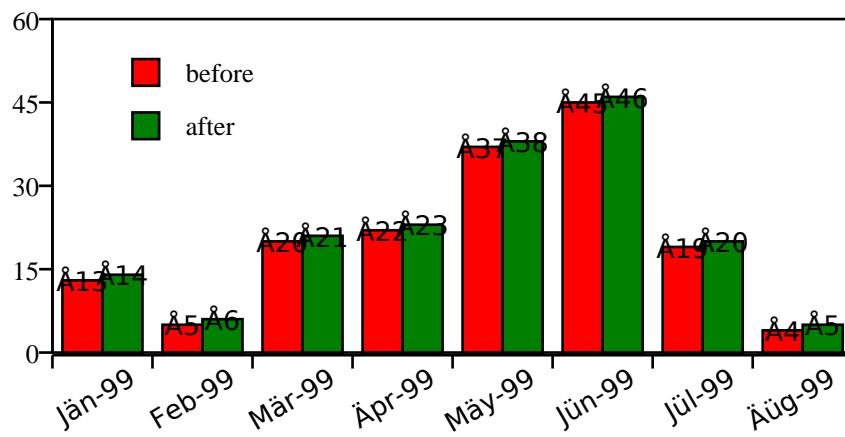
## Single data row



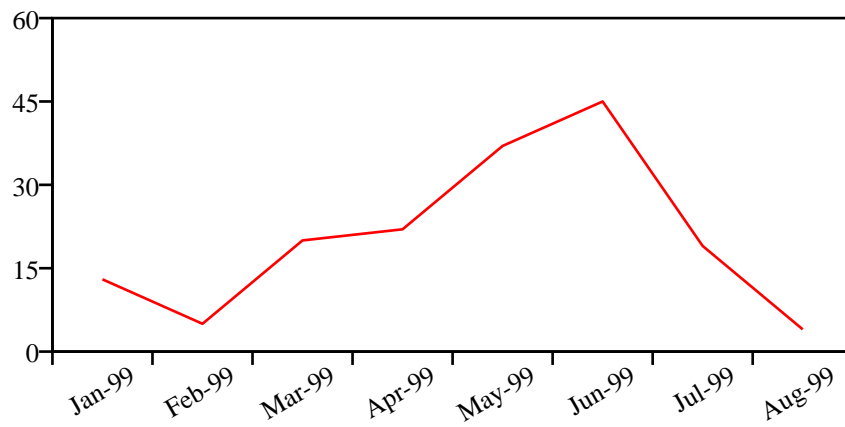
## Double data row



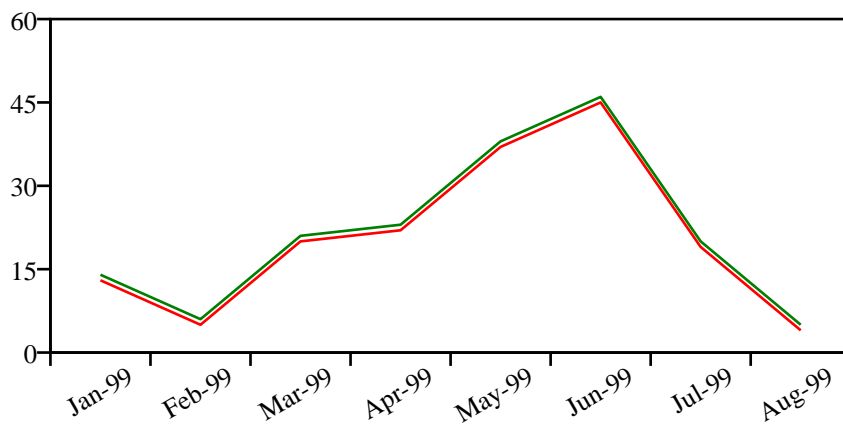
## Double data row with legend



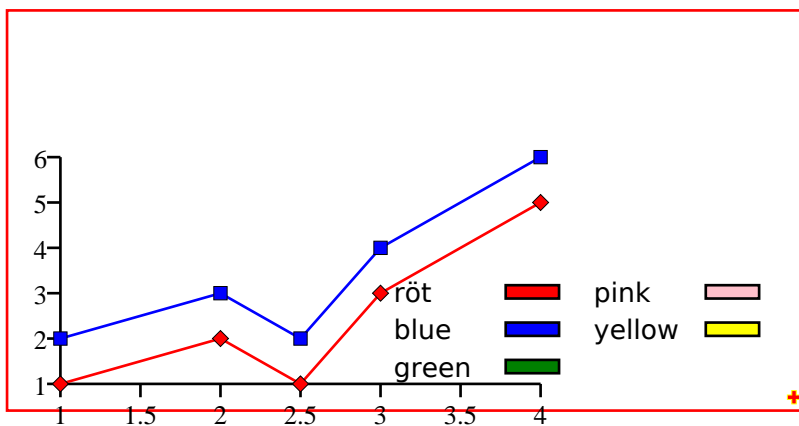
### Single data row



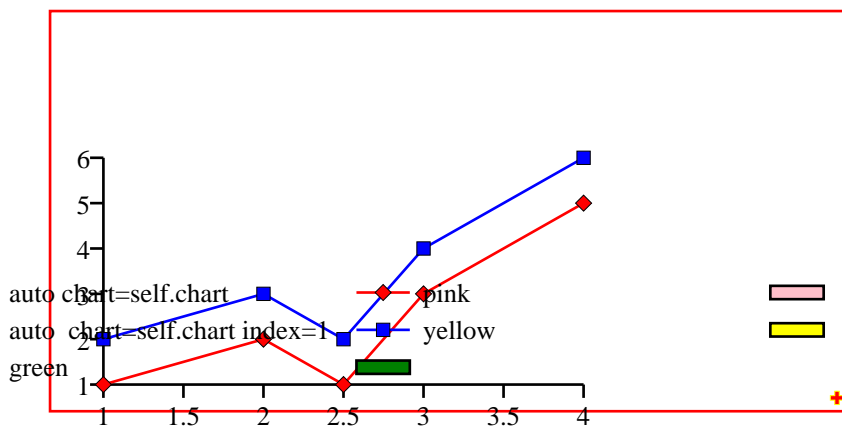
### Single data row



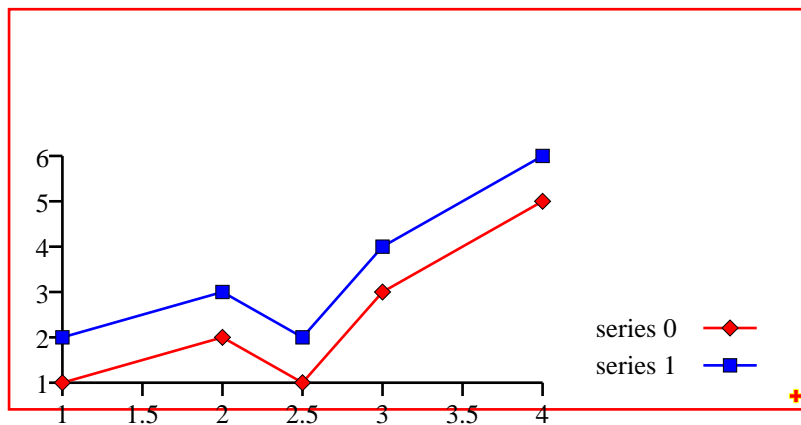
## standard lpleg



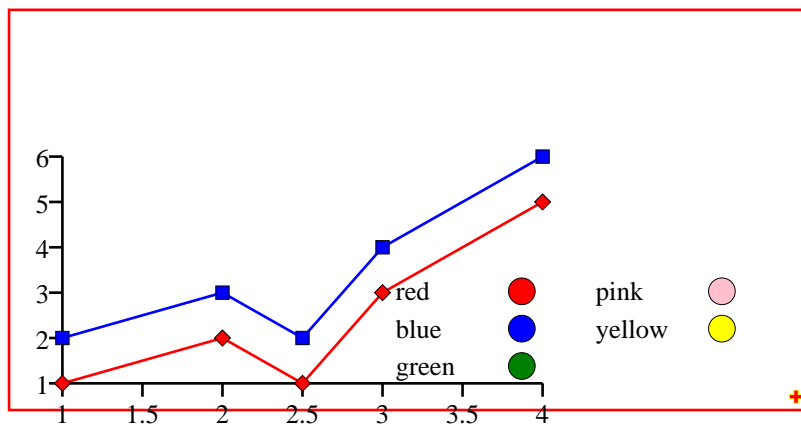
## col auto lpleg



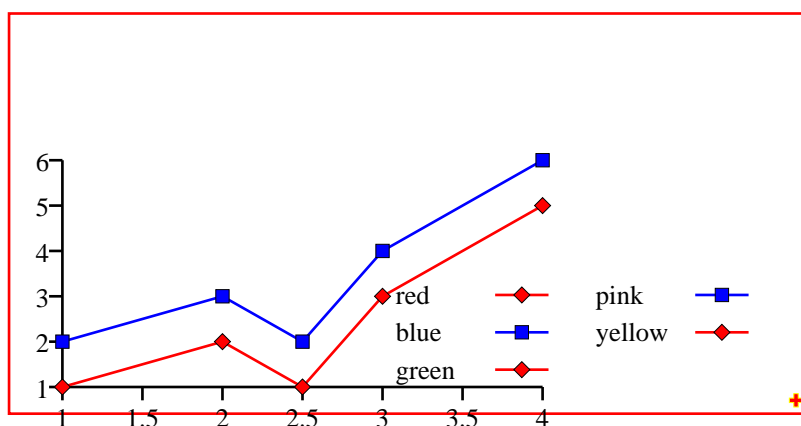
## full auto lpleg



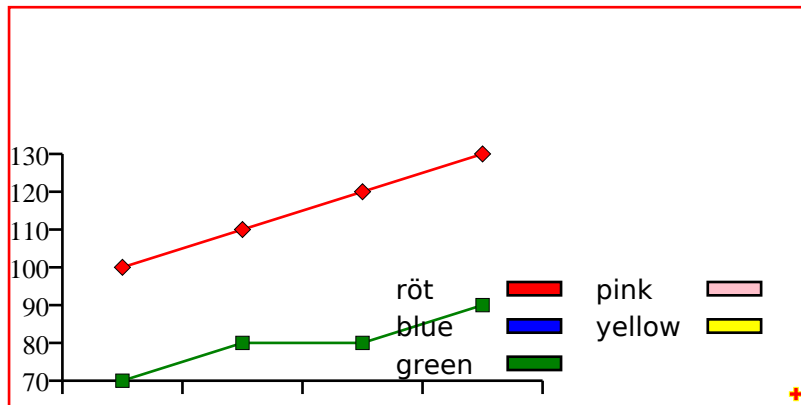
## swatch set lpleg



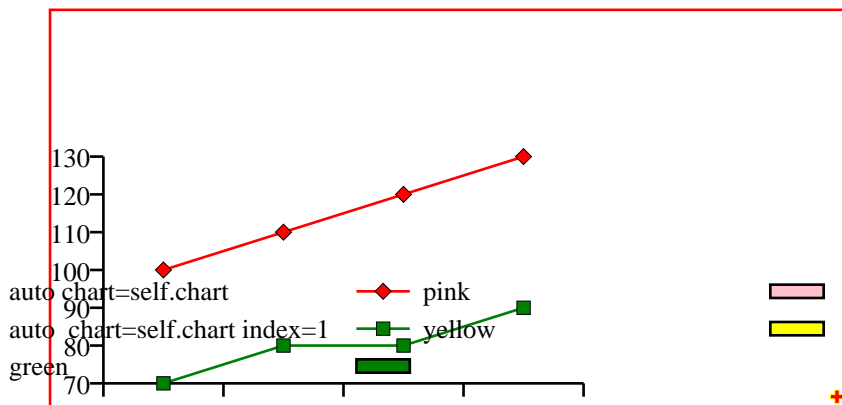
## swatch auto lpleg



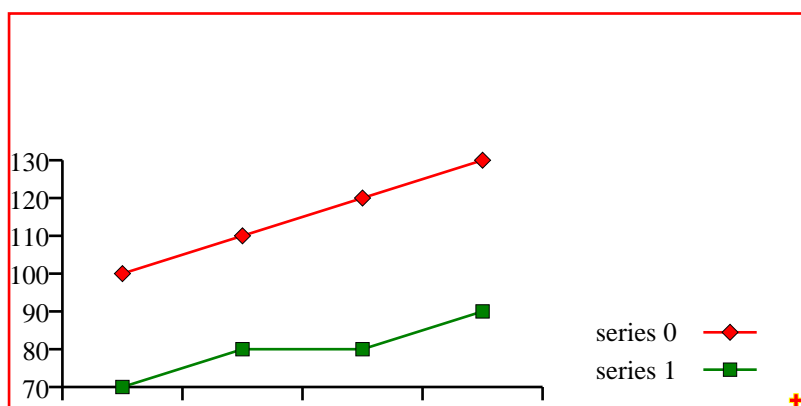
## standard hlcleg



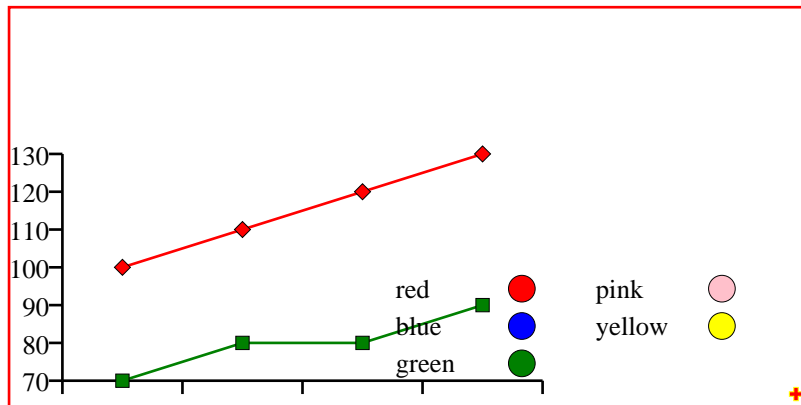
## col auto hlcleg



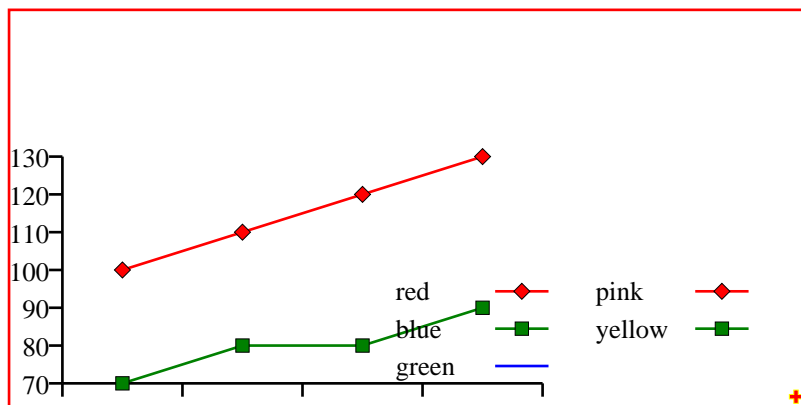
## full auto hlcleg



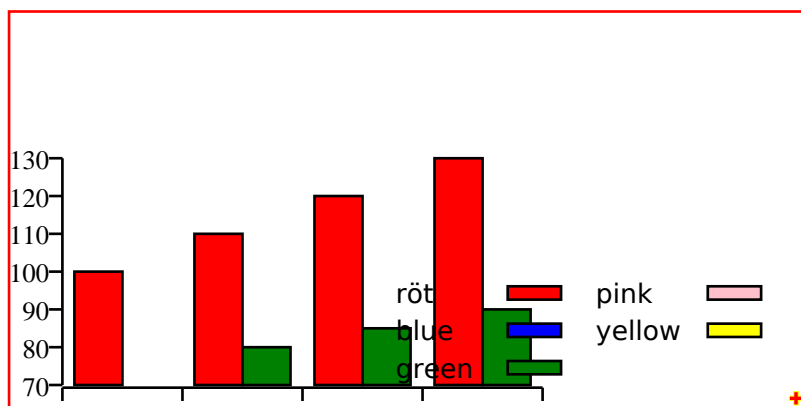
## swatch set hlcleg



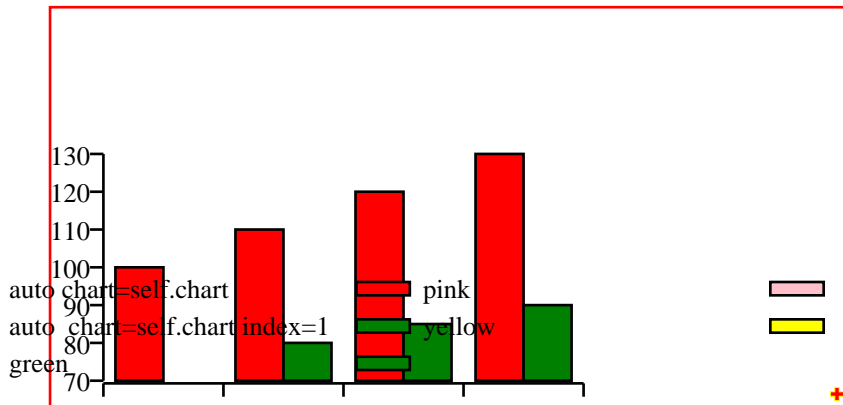
## swatch auto hlcleg



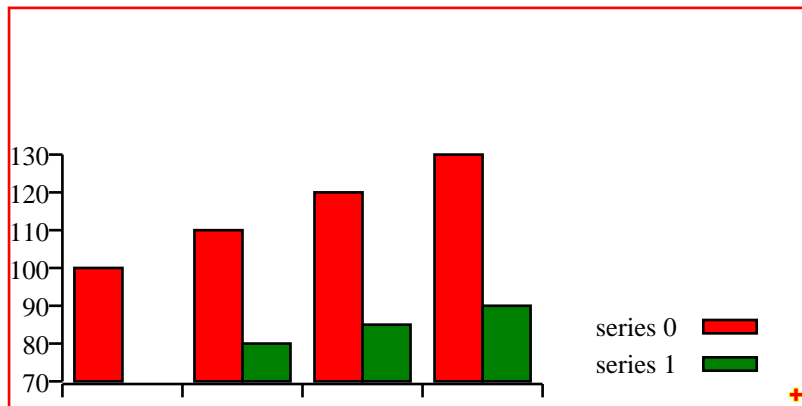
## standard bcleg



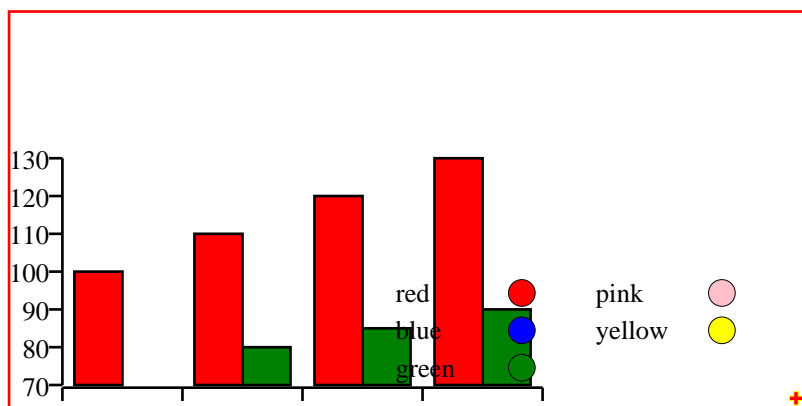
## col auto bcleg



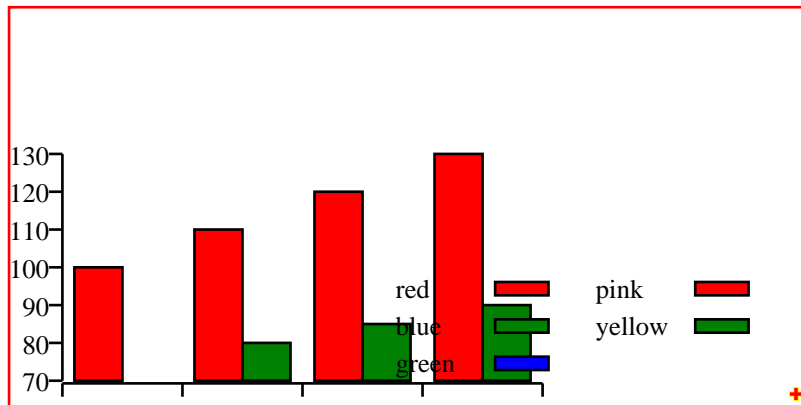
## full auto bcleg



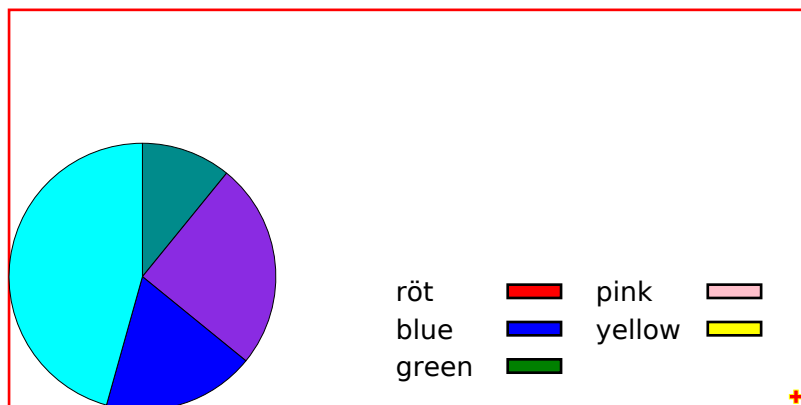
## swatch set bcleg



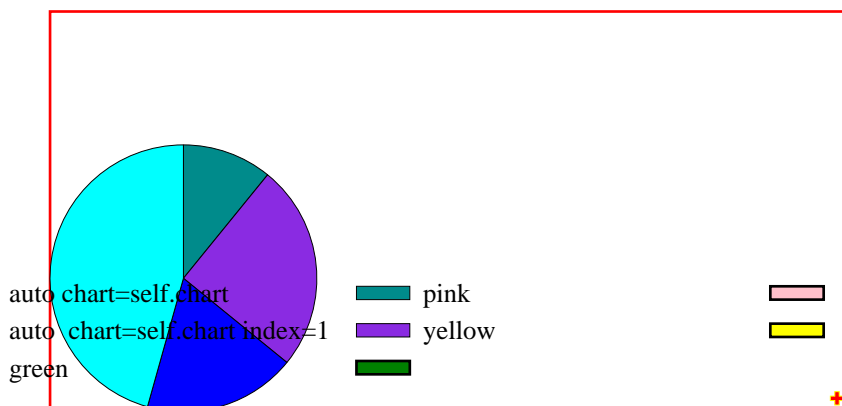
## swatch auto bcleg



## standard pcleg

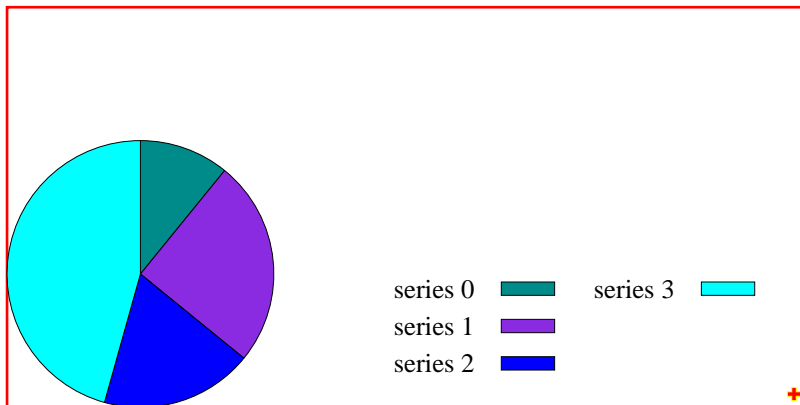


## col auto pcleg

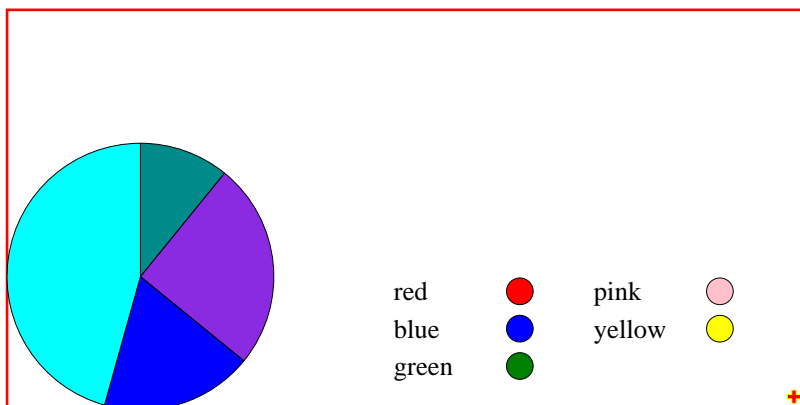




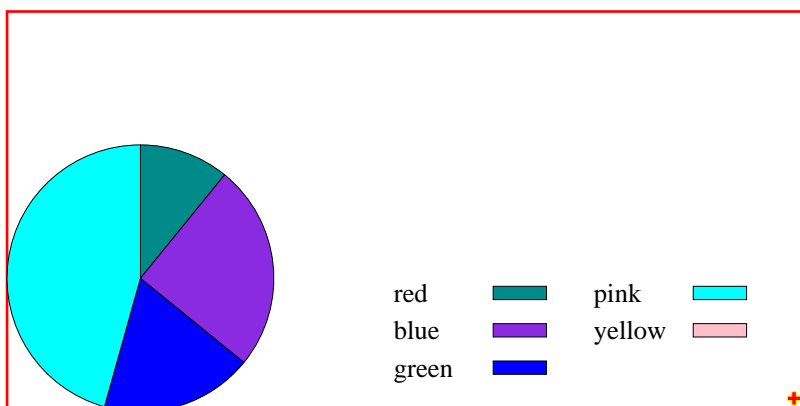
## full auto pleg

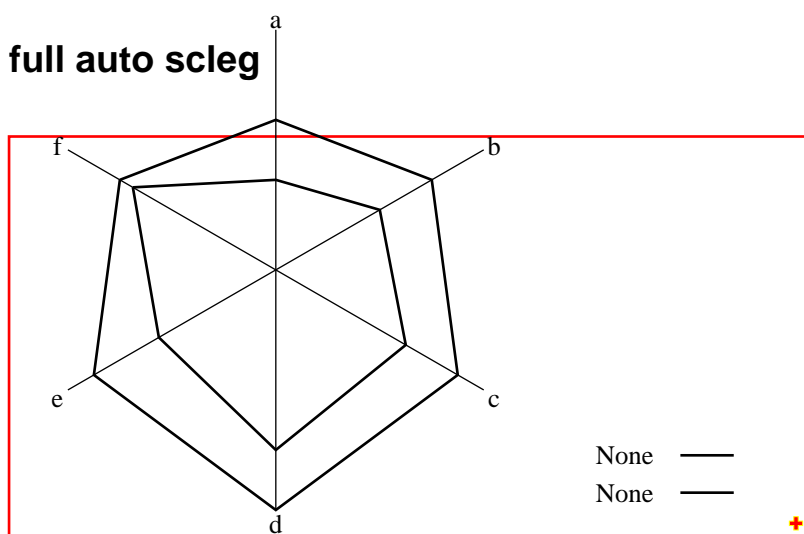
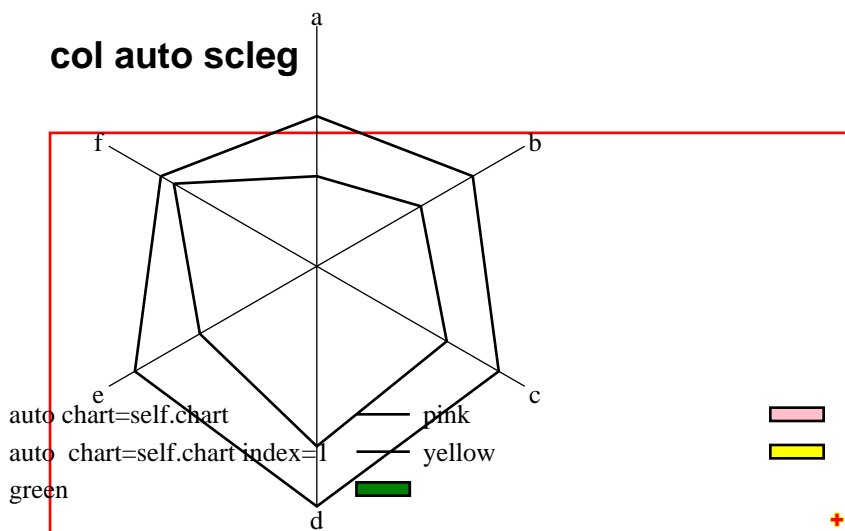
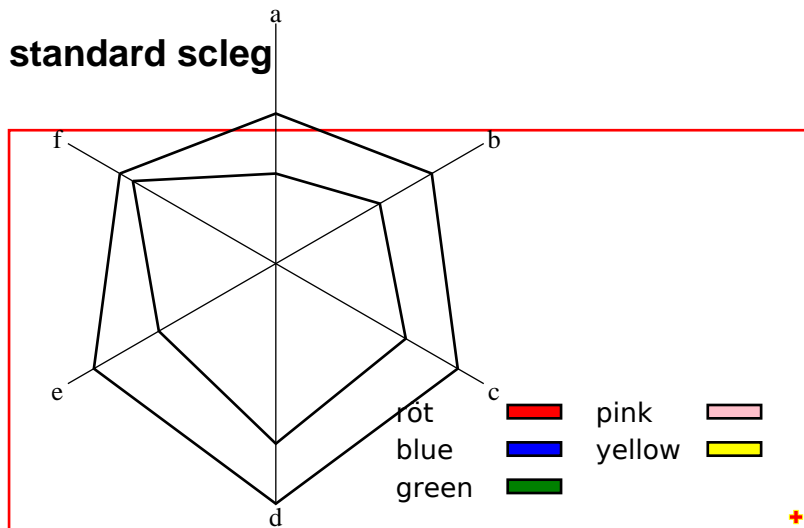


## swatch set pleg

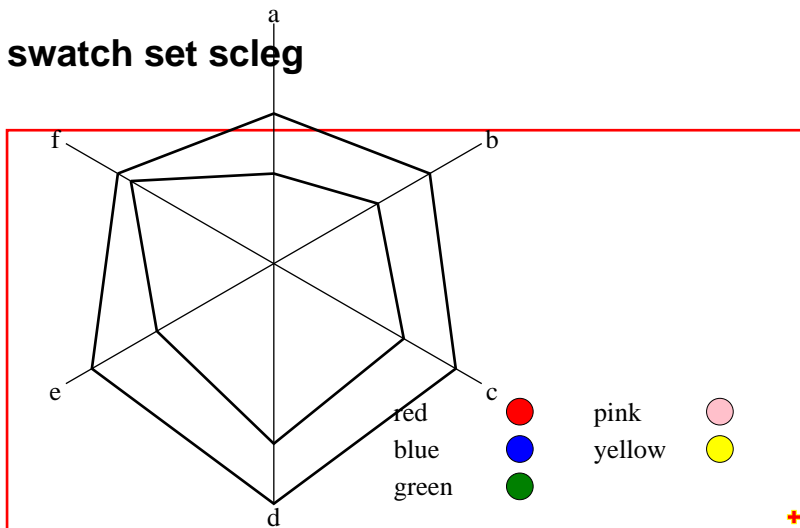


## swatch auto pleg

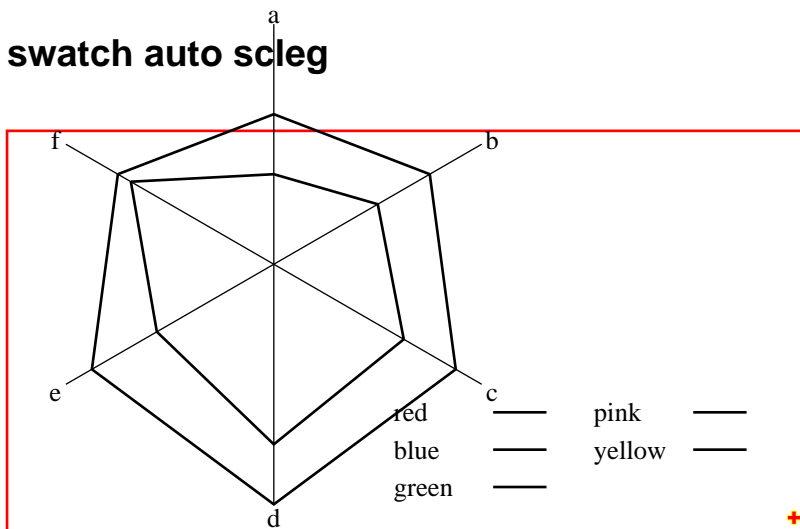




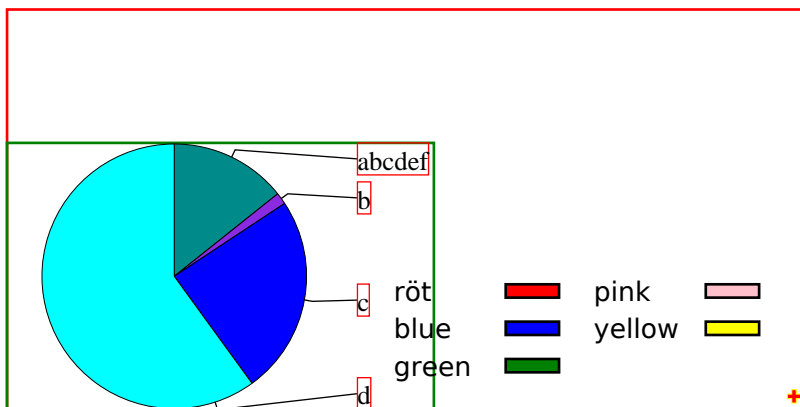
### swatch set scleg



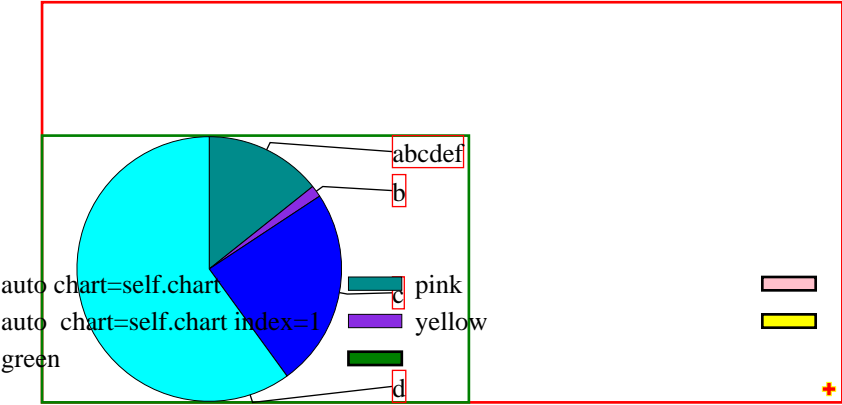
### swatch auto scleg



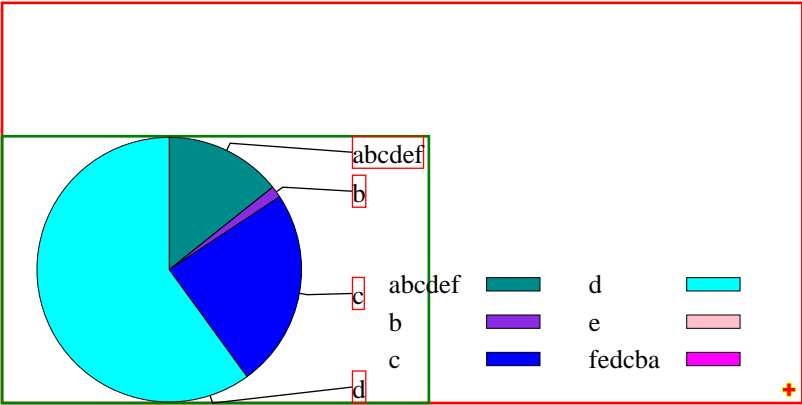
### standard plpeg



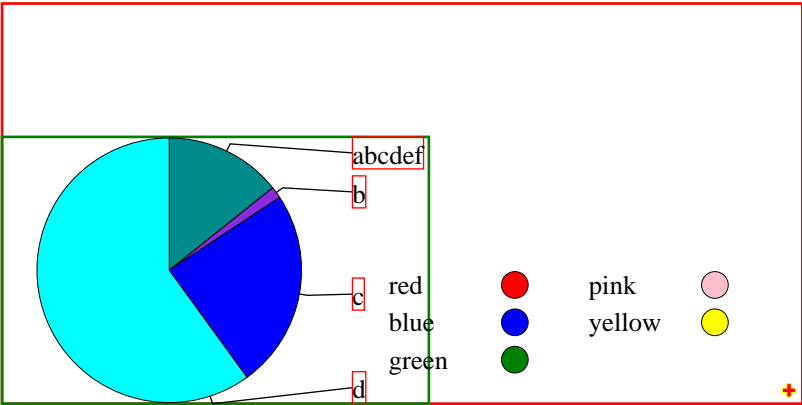
col auto plpleg



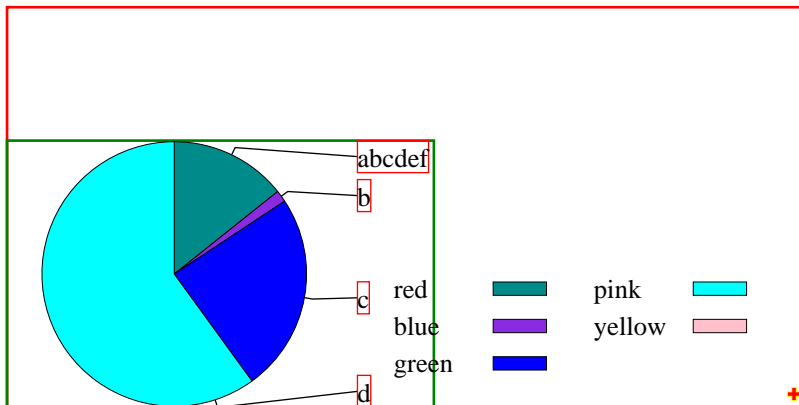
full auto plpleg



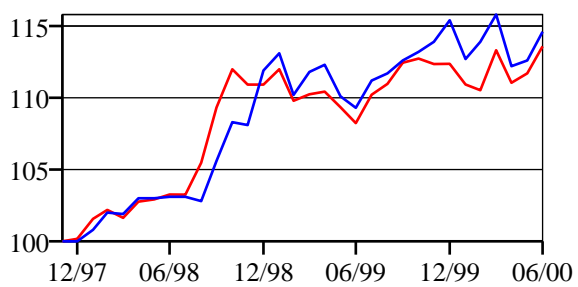
swatch set plpleg



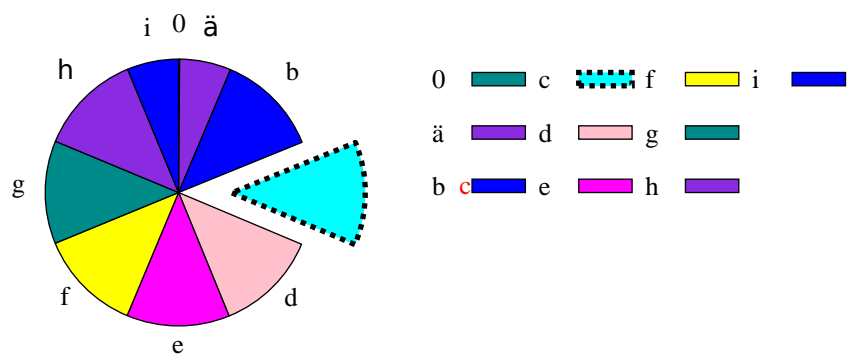
## swatch auto ppleg



## GridLinePlot

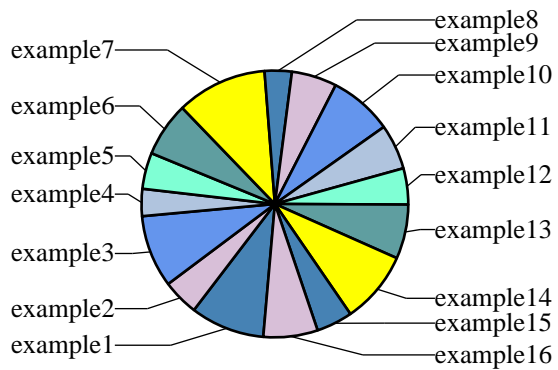
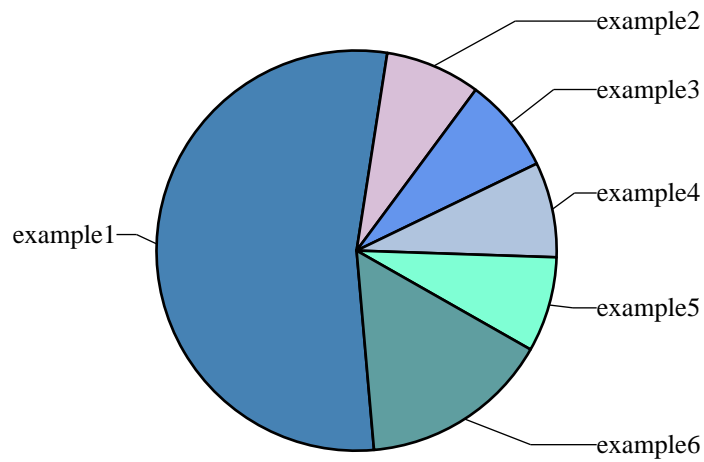


## Pie



## Side Labelled Pie

Here are two examples of side labelled pies.

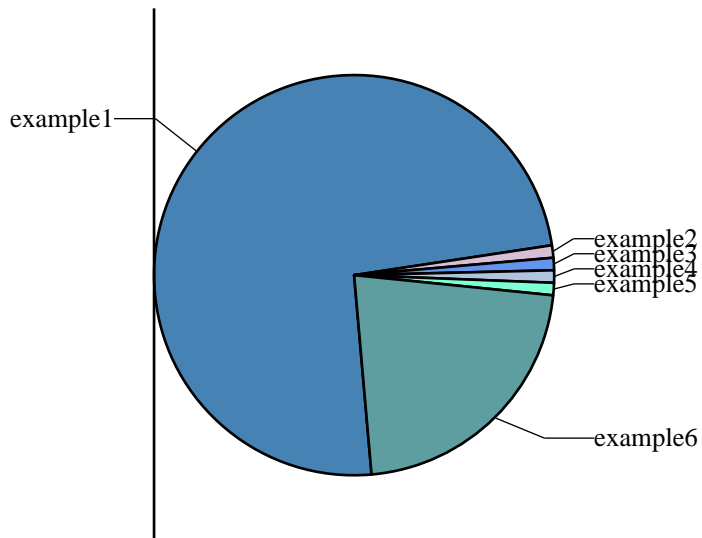


### ***Moving the pie***

Here is a pie that has `pie.x = 0` and is moved sideways in order to make space for the labels.

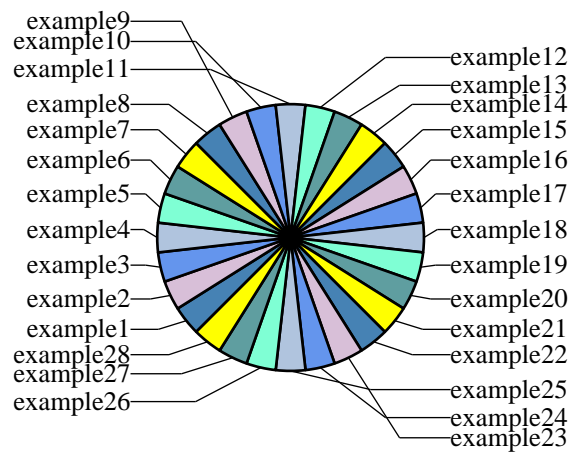
The line represents `x = 0`

This has not been implemented and is on line 863 in `piecharts.py`



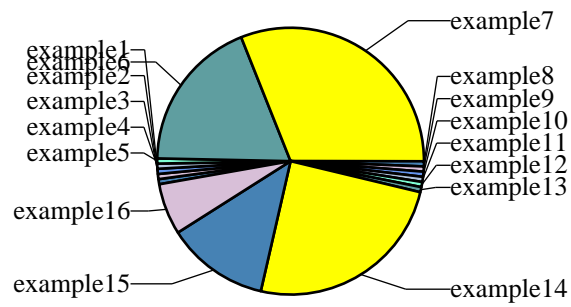
### ***Case with overlapping pointers***

If there are many slices then the pointer labels can end up overlapping as shown below.



### ***Case with overlapping labels***

Labels overlap if they do not belong to adjacent pie slices.



***Texts drawn using a Path***

Hello World from font Times-Roman!

Hello World from font Helvetica!