





Plot elements

- plot.title element_text()
- plot.subtitle element_text()
- plot.tag element_text()

plot.tag.position

"topleft", "top", "topright", "left", "right", "bottomleft", "bottom", "bottomright" or a coordinate

- plot.background element_rect()
- plot.caption element text()
- plot.margin margin()

Panel elements

- panel.border element_rect()
- panel.background element rect()
- panel.grid.minor element line()
- panel.grid.major element_line()
- aspect.ratio

Facet elements

- panel.spacing
- strip.background element_rect()
- strip.text element text()

Legend elements

- legend.background element_rect()
- legend.key element_rect()
- legend.title element text()

legend.title.align Numeric between 0 to 1,

where: 0=left, 1=right

legend.text element_text()

legend.text.align Numeric between 0 to 1, where: 0=left, 1=right

- legend.margin margin()
- legend.position "none", "left", "right", "bottom", "top", or two-element numeric vector

Axis elements

- axis.line element_line()
- axis.ticks element_line()

axis.ticks.length unit()

- axis.text element_text()
- axis.title element_text()

Global

These affect all elements of same type in the plot. Useful to define defaults.

text element text()

line element_text()

rect title element rect()

element_text()

Element functions

element_text()

(font) family

(font) face

(font) colour

(font) size (in points)

hjust [0..1] (0=left, 1=right)

vjust [0..1] (0=bottom, 1=top)

angle (in degrees)

lineheight (as ratio of fontcase)

margin (t, r, b, I) #remember trouble

element_line()

(line) colour

size (width of line)

linetype

An integer (0:8) A name ("blank", "solid", "dashed", "dotted", "dotdash", "longdash", "twodash")

lineend

"round", "butt", "square"

arrow

An arrow specification: arrow()

element_rect()

fill

colour

size (width of border)

linetype (of border) (see element_line)

element_blank()

Eliminates element

Doesn't take parameters

Note.

Of those elements that have two components, the way to access is by appending .x or .y at the end. e.g. axis.line.y will change only the "y" axis line. Idem with "x". If nothing is specified (e.g axis.line), both elements (x and y) will be changed.