

Construct A Theme

Theme(ThemeType.element=ElementClass(ElementClassArgument=value))

No ElementClass: Theme(ThemeType.element=value)

ThemeType
ElementClass

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| line element_line | | legend element_rect | | legend | | plot element_text | | |
| size | 0.5 ⁽²⁾ numeric | size | .(107) | | | | | |
| linetype | 1 ⁽⁹⁾ numeric | linetype | .(108) | | | | | |
| lineend | butt ⁽⁴⁾ character | fill | grey95 ⁽¹⁰⁵⁾ character | center ⁽¹²⁸⁾ character | | b=0,l=0,r=0,t=4.95,unit=pt ⁽¹⁷³⁾ margin | | b=4.95,l=0,r=0,t=0,unit=pt ⁽¹⁶⁴⁾ margin |
| colour | black ⁽¹⁾ character | colour | white ⁽¹⁰⁶⁾ character | left ⁽¹²⁷⁾ character | | b=6.6,l=0,r=0,t=0,unit=pt ⁽¹⁵⁵⁾ margin | | |
| arrow | FALSE ⁽⁵⁾ logical | | | | | | | |
| | | key | | justification | | caption | | subtitle |
| | | | | position | | | | title |

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| rect element_rect | | panel element_rect | | legend element_text | | axis element_text | | | | | | | | | |
| size | 0.5 ⁽⁸⁾ numeric | size | .(131) | vjust | .(114) | 0.8 ⁽⁶⁰⁾ numeric | | | | | | | | | |
| linetype | 1 ⁽⁹⁾ numeric | linetype | .(132) | margin | .(112) | b=0,l=0,r=0,t=2.2,unit=pt ⁽⁶²⁾ margin | | | | | | | | | |
| fill | white ⁽⁶⁾ character | fill | white ⁽¹²⁹⁾ character | lineheight | .(113) | 0.8 ⁽⁶⁷⁾ numeric | | | | | | | | | |
| colour | black ⁽⁷⁾ character | colour | .(130) | hjust | 0 ⁽¹⁰⁹⁾ numeric | 1 ⁽⁶⁹⁾ numeric | | | | | | | | | |
| | | background | | family | .(110) | 0 ⁽⁷⁸⁾ numeric | | | | | | | | | |
| | | | | face | .(111) | 0 ⁽³⁵⁾ numeric | | | | | | | | | |
| | | | | colour | .(112) | 1 ⁽²⁴⁾ numeric | | | | | | | | | |
| | | | | angle | .(115) | 0 ⁽³⁷⁾ numeric | | | | | | | | | |
| | | | | | .(124) | 1 ⁽⁴²⁾ numeric | | | | | | | | | |
| | | | | text | | 0 ⁽⁵¹⁾ numeric | | | | | | | | | |
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| text element_text | | plot element_rect | | panel element_line | | strip element_text | | | | | | | | | |
| vjust | 0.5 ⁽¹⁵⁾ numeric | size | .(145) | size | .(134) | 0.8 ⁽¹⁸³⁾ numeric | | | | | | | | | |
| margin | b=0,l=0,t=0,unit=pt ⁽¹⁷⁾ margin | linetype | .(146) | linetype | .(135) | b=0,l=5.5,r=5.5,t=0,unit=pt ⁽¹⁸⁴⁾ margin | | | | | | | | | |
| lineheight | 0.9 ⁽¹⁷⁷⁾ numeric | fill | .(143) | lineend | .(136) | 0.8 ⁽¹⁸⁵⁾ numeric | | | | | | | | | |
| hjust | 0.5 ⁽¹⁷⁷⁾ numeric | colour | white ⁽¹⁴⁴⁾ character | colour | red ⁽¹³³⁾ character | 0.8 ⁽¹⁸²⁾ numeric | | | | | | | | | |
| family | plain ⁽¹⁸¹⁾ character | | | arrow | white ⁽¹³⁸⁾ character | 0.8 ⁽¹⁸⁷⁾ numeric | | | | | | | | | |
| face | black ⁽¹⁸²⁾ character | background | | | FALSE ⁽¹³⁷⁾ logical | 0.8 ⁽¹⁸⁸⁾ numeric | | | | | | | | | |
| colour | black ⁽¹⁸³⁾ character | | | grid.major | FALSE ⁽¹⁴²⁾ logical | 0.8 ⁽¹⁸⁹⁾ numeric | | | | | | | | | |
| angle | 0 ⁽¹⁸⁴⁾ numeric | | | grid.minor | | 0.8 ⁽¹⁹⁰⁾ numeric | | | | | | | | | |
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x axis: element

compare:a\$UpdatedThemes\$Scatter to base:ggplot2:::theme_get() Blue updated element with new value, Red active element