λέξις

a xaringan theme

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What does "λέξις" mean

https://github.com/jhelvy/lexis

Text styling

Header level 1

Header level 2

Header level 3

Header level 4

Header level 5

Header level 6

Regular

Italics

Bold

Bold italics

~~Strikethrough~~

Fancy text

external link

`Inline code`

Inverse text styling

Header level 1

Header level 2

Header level 3

Header level 4

Header level 5

Header level 6

Regular

Italics

Bold

Bold italics

~~Strikethrough~~

Fancy text

external link

`Inline code`

Colors!

Use this...

- `.red[text]`
- `.orange[text]`
- `.yellow[text]`
- `.green[text]`
- `.darkgreen[text]`
- `.blue[text]`
- `.darkblue[text]`
- `.purple[text]`
- `.black[text]`

...to get this

- **text**
- **text**
- **text**
- **text**
- **text**
- **text**
- **text**
- **text**
- **text**

Tables

```
knitr::kable(head(mpg))
```

manufacturer	model	displ	year	cyl	trans	drv	cty	hwy	fl	class
audi	a4	1.8	1999	4	auto(l5)	f	18	29	p	compact
audi	a4	1.8	1999	4	manual(m5)	f	21	29	p	compact
audi	a4	2.0	2008	4	manual(m6)	f	20	31	p	compact
audi	a4	2.0	2008	4	auto(av)	f	21	30	p	compact
audi	a4	2.8	1999	6	auto(l5)	f	16	26	p	compact
audi	a4	2.8	1999	6	manual(m5)	f	18	26	p	compact

Block quotes

Use the > to make block quotes:

```
> This is what a block quote looks like.
```

> This is what a block quote looks like.

Github code chunk highlighting

```
# function args are keywords c; function names are keywords d
foo <- function(arg1 = 100, arg2 = "character string") {
  if (TRUE) {
    x = NULL  # if, function, NULL are keywords a
    for (i in 1:10) x = c(x, mean(3 * rnorm(100) + 1))
  }
}

1 + "a"  # error
```

```
#> Error in 1 + "a": non-numeric argument to binary operator
```

Line highlighting

An example of using the trailing comment #<< to highlight lines:

Code

````
```{r}
library(ggplot2)
ggplot(mtcars) +
  aes(mpg, disp) +
  geom_point() +   #<<
  geom_smooth()    #<<
```
````

Output

```
library(ggplot2)
ggplot(mtcars) +
  aes(mpg, disp) +
  geom_point() +
  geom_smooth()
```

Layouts!

Fancy panels!

R Code Plot

```
ggplot(mtcars, aes(x = mpg, y = hp)) +
    geom_point() +
    theme_bw() +
    labs(color = 'Cylinders')
```

Three equal columns

`.cols3[]`

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat.

`.cols3[]`

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat.

`.cols3[]`

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Two equal columns

`.leftcol[]` or `.pull-left[]`

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`.rightcol[]` or `.pull-right[]`

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Two columns: 60-40 split

`.leftcol60[]`

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`.rightcol40[]`

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Two columns: 70-30 split

`.leftcol70[]`

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`.rightcol30[]`

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat.

Two columns: 80-20 split

`.leftcol80[]`

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`.rightcol20[]`

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...other two-column split options

50-50: `.leftcol[] .rightcol[]`

55-45: `.leftcol55[] .rightcol45[]`

60-40: `.leftcol60[] .rightcol40[]`

65-35: `.leftcol65[] .rightcol35[]`

70-30: `.leftcol70[] .rightcol30[]`

75-25: `.leftcol75[] .rightcol25[]`

80-20: `.leftcol80[] .rightcol20[]`

45-55: `.leftcol45[] .rightcol55[]`

40-60: `.leftcol40[] .rightcol60[]`

35-65: `.leftcol35[] .rightcol65[]`

30-70: `.leftcol30[] .rightcol70[]`

25-75: `.leftcol25[] .rightcol75[]`

20-80: `.leftcol20[] .rightcol80[]`

Full image background

```
background-image: url("images/blue_ridge_mountains.jpg")
```

Full background color

```
background-color: #909099
```

Images!

Images have no border by default

This code produces the image on the right:

```
<img src="images/blue_ridge_sunset.jpg">
```

Add a thin border with `.border[]`

This code produces the image on the right:

```
.border[
<img src="images/blue_ridge_sunset.jpg">
]
```

Or modify the border: `.borderthick[]`

This code produces the image on the right:

```
.borderthick[
<img src="images/blue_ridge_sunset.jpg">
]
```

Or modify the border: `.whiteborder[]`

This code produces the image on the right:

```
.whiteborder[
<img src="images/blue_ridge_sunset.jpg">
]
```

Or modify the border: `.whiteborderthick[]`

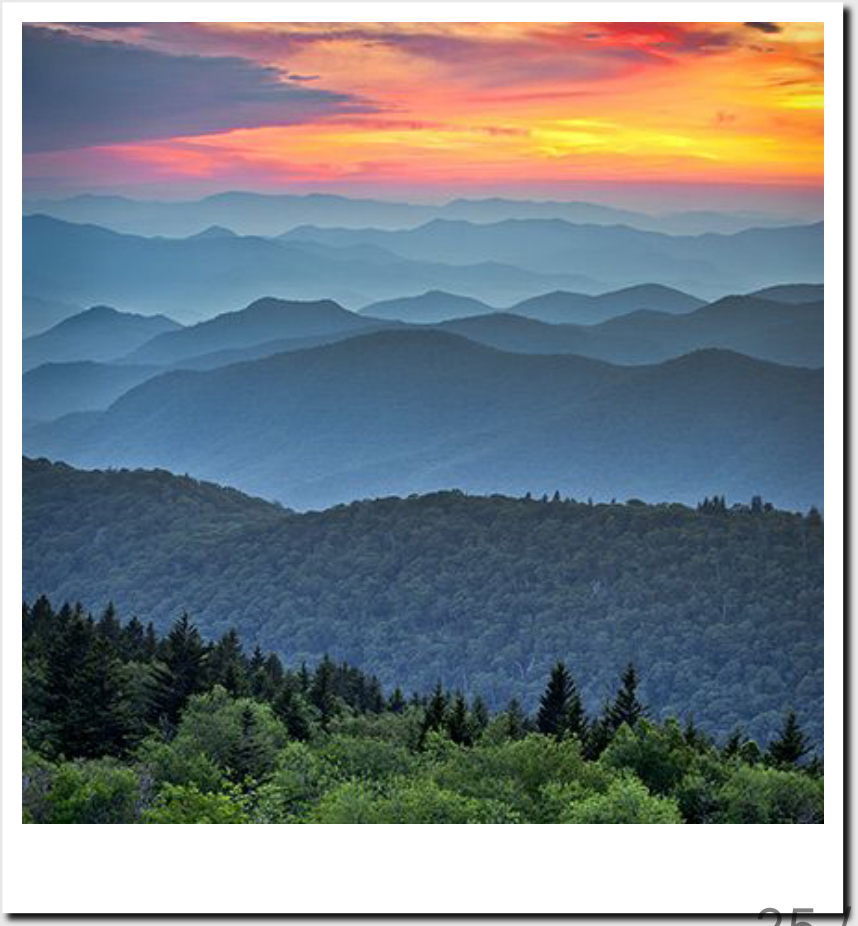
This code produces the image on the right:

```
.whiteborderthick[
<img src="images/blue_ridge_sunset.jpg">
]
```

Make a polaroid image: `.polaroid[]`

This code produces the image on the right:

```
.polaroid[
<img src="images/blue_ridge_sunset.jpg">
]
```



Make a circle image: `.circle[]`

This code produces the image on the right:

```
.circle[
<img src="images/blue_ridge_sunset.jpg">
]
```

Make a thumbnail image: `.thumbnail[]`

This code produces the image on the right:

```
.thumbnail[
<img src="images/blue_ridge_sunset.jpg">
]
```

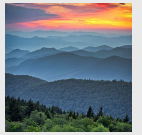
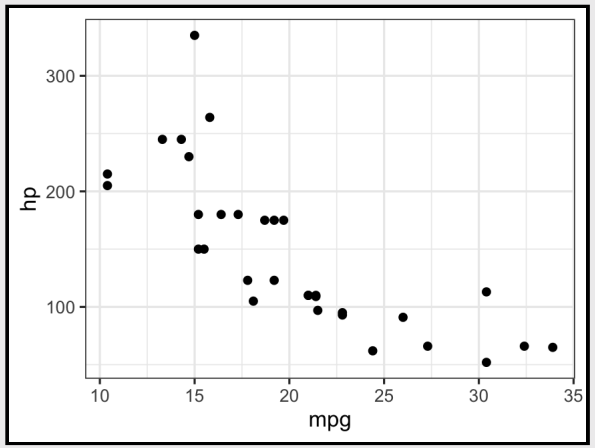
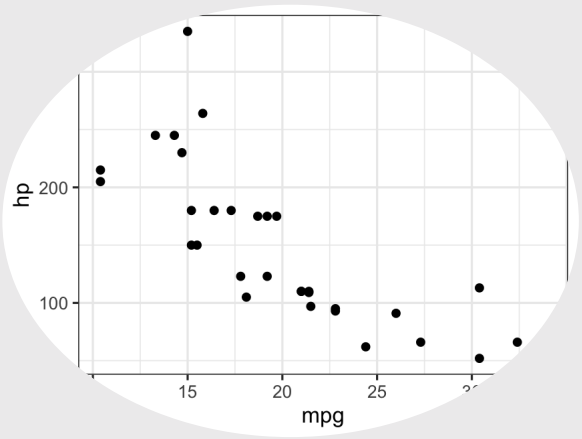


Image classes work on rendered charts too

````
.border[
```{r}
ggplot(mtcars, aes(x = mpg, y = hp)) +
    geom_point() +
    theme_bw() +
    labs(color = 'Cylinders')
```
]
````

````
.circle[
```{r}
ggplot(mtcars, aes(x = mpg, y = hp)) +
    geom_point() +
    theme_bw() +
    labs(color = 'Cylinders')
```
]
````





Thanks!

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https://github.com/jhelvy/lexis