

W8 Examples 3

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```
library(tidyverse)
```

```
data(mtcars)
```

Awesome Tables

formattable

```
library(formattable)
formattable(mtcars,
  list(mpg = color_tile("yellow", "orange"),
       area(col = disp) ~ normalize_bar("pink", 0.2),
       area(col = hp) ~ normalize_bar("lightgreen", 0.2),
       vs = formatter("span",
        style = x ~ style(color = ifelse(x, "green", "red")),
        x ~ icontext(ifelse(x, "ok", "remove"), ifelse(x, "Yes", "No")))))
```

mpg

cyl

disp

hp

drat

wt

qsec

vs

am

gear

carb

Mazda RX4

21.0

6

160.0

110

3.90

2.620

16.46

No

1

4

4

Mazda RX4 Wag

21.0

6

160.0

110

3.90

2.875

17.02

No

1

4

4

Datsun 710

22.8

4

108.0

93

3.85

2.320

18.61

Yes

1

4

1

Hornet 4 Drive

21.4

6

258.0

110

3.08

3.215

19.44

Yes
0
3
1
Hornet Sportabout
18.7
8
360.0
175
3.15
3.440
17.02
No
0
3
2
Valiant
18.1
6
225.0
105
2.76
3.460
20.22
Yes
0
3
1
Duster 360
14.3
8
360.0
245
3.21
3.570
15.84

No

0

3

4

Merc 240D

24.4

4

146.7

62

3.69

3.190

20.00

Yes

0

4

2

Merc 230

22.8

4

140.8

95

3.92

3.150

22.90

Yes

0

4

2

Merc 280

19.2

6

167.6

123

3.92

3.440

18.30

Yes

0

4

4

Merc 280C

17.8

6

167.6

123

3.92

3.440

18.90

Yes

0

4

4

Merc 450SE

16.4

8

275.8

180

3.07

4.070

17.40

No

0

3

3

Merc 450SL

17.3

8

275.8

180

3.07

3.730

17.60

No

0

3

3

Merc 450SLC

15.2

8

275.8

180

3.07

3.780

18.00

No

0

3

3

Cadillac Fleetwood

10.4

8

472.0

205

2.93

5.250

17.98

No

0

3

4

Lincoln Continental

10.4

8

460.0

215

3.00

5.424

17.82

No

0

3

4

Chrysler Imperial

14.7

8

440.0

230

3.23

5.345

17.42

No

0

3

4

Fiat 128

32.4

4

78.7

66

4.08

2.200

19.47

Yes

1

4

1

Honda Civic

30.4

4

75.7

52

4.93

1.615

18.52

Yes

1

4

2

Toyota Corolla

33.9

4

71.1

65

4.22

1.835

19.90

Yes

1

4

1

Toyota Corona

21.5

4

120.1

97

3.70

2.465

20.01

Yes

0

3

1

Dodge Challenger

15.5

8

318.0

150

2.76

3.520

16.87

No

0

3

2

AMC Javelin

15.2

8

304.0

150

3.15

3.435

17.30

No

0

3

2

Camaro Z28

13.3

8

350.0

245

3.73

3.840

15.41

No

0

3

4

Pontiac Firebird

19.2

8

400.0

175

3.08

3.845

17.05

No
0
3
2
Fiat X1-9
27.3
4
79.0
66
4.08
1.935
18.90
Yes
1
4
1
Porsche 914-2
26.0
4
120.3
91
4.43
2.140
16.70
No
1
5
2
Lotus Europa
30.4
4
95.1
113
3.77
1.513
16.90

Yes

1

5

2

Ford Pantera L

15.8

8

351.0

264

4.22

3.170

14.50

No

1

5

4

Ferrari Dino

19.7

6

145.0

175

3.62

2.770

15.50

No

1

5

6

Maserati Bora

15.0

8

301.0

335

3.54

3.570

14.60

No
1
5
8
Volvo 142E
21.4
4
121.0
109
4.11
2.780
18.60
Yes
1
4
2
reactable

```
library(reactable)
```

```
reactable(mtcars)
```

```
reactable(mtcars, filterable = TRUE, searchable = TRUE,  
          columns = list(  
            mpg = colDef(footer = "mean"),  
            cyl = colDef(footer = function(values) mean(values))  
          ))
```