Converting Colors

RGB(134, 192, 176)

Have a look what the booklet for RGB(134, 192, 176) contains.

Color

RGB(134, 192, 176)

Conversions

Conversions Part 1

Format	Color
Hex	86C0B0
RGB	134, 192, 176
RGB Percent	53%, 75%, 69%
CMY	0.4745, 0.2471, 0.3098
CMYK	0.30, 0.00, 0.08, 0.25
HSL	163°, 32%, 64%
HSV	163°, 30%, 75%
XYZ	36.5176, 45.9022, 48.0096
YIQ	172.8340, -29.4320, -17.2720

Conversions

Conversions Part 2

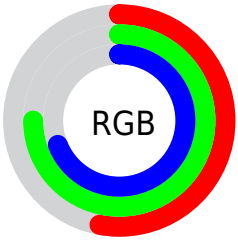
Format	Color
RYB	134, 168, 192
Decimal	8831152
CIELab	73.48, -22.21, 2.05
CIELCh	73, 22.304, 174.715
Yxy	45.9022, 0.2800, 0.3519
Android (android.graphics.Color)	4287021232 (0xFF86C0B0)
YUV	172.8340, 1.5608, -34.0574
Hunter-Lab	67.7512, -22.3537, 5.4119

Details

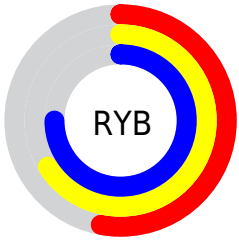
The RGB color 134, 192, 176 is a light color, and the websafe version is hex 99CCCC. A complement of this color would be 192, 134, 150, and the grayscale version is 173, 173, 173.

A 20% lighter version of the original color is 189, 249, 232, and 82, 138, 124 is the 20% darker color. If you saturate the color by 10%, you get 115, 192, 171, and if you desaturate by 10%, it is 153, 192, 181.

Distribution

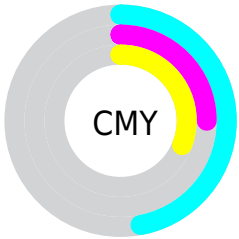


- Red (53%)
- Green (75%)
- Blue (69%)



- Red (53%)
- Yellow (66%)
- Blue (75%)

- Cyan (30%)
- Magenta (0%)
- Yellow (8%)
- Black (25%)



- Cyan (47%)
- Magenta (25%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the RGB color 134, 192, 176 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the RGB color 134, 192, 176 by changing the saturation by 10% instead.

134, 192, 176

255, 255, 255

189, 249, 232

217, 255, 255

246, 255, 255

134, 192, 176

108, 165, 149

82, 138, 124

57, 113, 99

31, 88, 75

0, 64, 52

0, 42, 31

0, 21, 7

0, 0, 0

134, 192, 176

134, 192, 176

115, 192, 171

96, 192, 165

76, 192, 160

57, 192, 155

38, 192, 150

19, 192, 144

0, 192, 139

153, 192, 181

172, 192, 187

192, 192, 192

211, 192, 197

230, 192, 202

249, 192, 208

255, 192, 213

255, 192, 218

255, 192, 224

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.

155, 189, 156

134, 192, 176

123, 192, 197

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.

134, 192, 176

179, 177, 217

216, 171, 148

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.

134, 192, 176

192, 134, 150

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.

223, 167, 164

134, 192, 176

204, 170, 204

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.

134, 192, 176

152, 183, 221

219, 166, 185

200, 178, 140

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.

134, 192, 176

126, 190, 209

219, 166, 185

219, 169, 153

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.

134, 192, 176

227, 250, 244

150, 192, 134

111, 125, 121

252, 252, 252

125, 125, 125

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.

134, 192, 176

160, 250, 225

134, 179, 192

87, 97, 94

0, 161, 116

0, 33, 24

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.

192, 134, 150

250, 160, 185

192, 147, 134

97, 87, 90

161, 0, 44

33, 0, 9

Previews

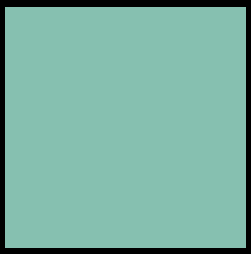
White Background

This preview shows how the RGB color 134, 192, 176 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail
Any Text WCAG AA × Fail
Large Text (above 18pt) WCAG AAA × Fail
Any Text WCAG AAA × Fail

Black Background



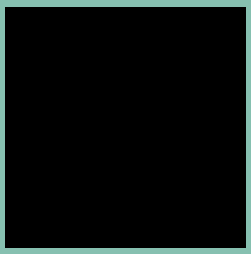
This preview shows how the RGB color 134, 192, 176 looks on a black background.

Color Contrast Check

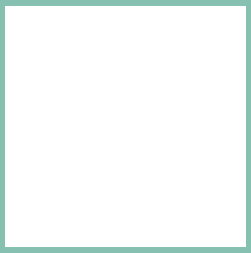
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the Color Contrast Checker.

RGB 134, 192, 176 Background



This preview shows how black text looks on a background with the RGB color 134, 192, 176.



This preview shows how white text looks on a background with the RGB color 134, 192, 176.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their article about color blindness.

Dichromacy

Original Color
134, 192, 176

Protanopia
186, 179, 169

Deuteranopia
197, 174, 180

Tritanopia
140, 188, 203

Trichromacy

Original Color
134, 192, 176

Protanomaly
167, 184, 172

Deuteranomaly
174, 181, 179

Tritanomaly
138, 189, 193

Monochromacy

Original Color
134, 192, 176

Achromatopsia
173, 173, 173

Achromatomaly
159, 180, 174

CSS Examples

Text

The CSS property to change the color of the text to RGB 134, 192, 176 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color rgb(134, 192, 176) looks like.

```
.text, #text, p{
    color:rgb(134, 192, 176)
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our CSS Text Shadow Generator.

Here you see how black text with a 4 pixel rgb(134, 192, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 192, 176) }
```

Border

The CSS property to change the border of an element to RGB 134, 192, 176 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(134, 192, 176) }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(134, 192, 176) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(134, 192, 176) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(134, 192, 176); -webkit-box-shadow:4px 4px 4px 4px rgb(134, 192, 176); box-shadow:4px 4px 4px 4px rgb(134, 192, 176) }
```

Background

The CSS property to change the background color of an element to RGB 134, 192, 176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(134, 192, 176) }
```

If only the background color should be changed can be used:

```
.background{ background-color:rgb(134,
192, 176) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our online CSS compressor and optimizer based on csstidy. If you want to create a linear or radial gradient as background or border, check our CSS Gradient Generator.

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