Converting Colors

RGB(135, 200, 188)

Have a look what the booklet for RGB(135, 200, 188) contains.

Color

RGB(135, 200, 188)

Conversions

Conversions Part 1

Format	Color
Hex	87C8BC
RGB	135, 200, 188
RGB Percent	53%, 78%, 74%
CMY	0.4706, 0.2157, 0.2627
CMYK	0.32, 0.00, 0.06, 0.22
HSL	169°, 37%, 66%
HSV	169°, 32%, 78%
XYZ	39.7231, 50.0903, 55.1517
YIQ	179.1970, -34.8880, -17.5120

Conversions

Conversions Part 2

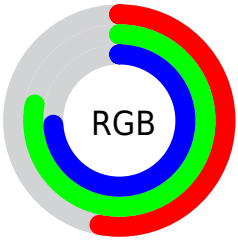
Format	Color
RYB	135, 171, 200
Decimal	8898748
CIELab	76.12, -23.26, -0.59
CIELCh	76, 23.269, 181.457
Yxy	50.0903, 0.2740, 0.3455
Android (android.graphics.Color)	4287088828 (0xFF87C8BC)
YUV	179.1970, 4.3399, -38.7608
Hunter-Lab	70.7745, -23.6701, 3.3398

Details

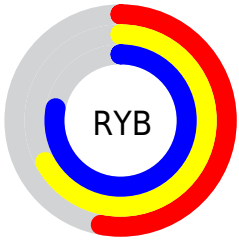
The RGB color 135, 200, 188 is a light color, and the websafe version is hex 99CCCC. A complement of this color would be 200, 135, 147, and the grayscale version is 179, 179, 179.

A 20% lighter version of the original color is 190, 255, 244, and 82, 146, 135 is the 20% darker color. If you saturate the color by 10%, you get 115, 200, 184, and if you desaturate by 10%, it is 155, 200, 192.

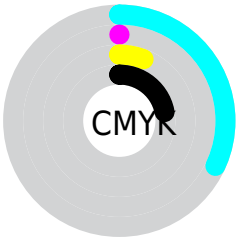
Distribution



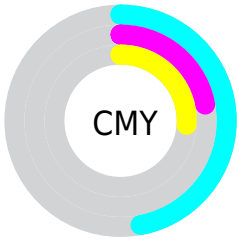
- Red (53%)
- Green (78%)
- Blue (74%)



- Red (53%)
- Yellow (67%)
- Blue (78%)



- Cyan (32%)
- Magenta (0%)
- Yellow (6%)
- Black (22%)



- Cyan (47%)
- Magenta (22%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the RGB color 135, 200, 188 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 135, 200, 188 by changing the saturation by 10% instead.

135, 200, 188

255, 255, 255

190, 255, 244

219, 255, 255

248, 255, 255

135, 200, 188

108, 173, 161

82, 146, 135

56, 120, 110

28, 95, 85

0, 71, 62

0, 48, 40

0, 29, 20

0, 0, 0

135, 200, 188

135, 200, 188

115, 200, 184

95, 200, 181

75, 200, 177

55, 200, 173

35, 200, 170

15, 200, 166

0, 200, 163

155, 200, 192

175, 200, 195

195, 200, 199

215, 200, 203

235, 200, 206

255, 200, 210

255, 200, 214

255, 200, 218

255, 200, 221

Harmonies

Analogous

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

155, 198, 167

135, 200, 188

127, 199, 209

Triad

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

135, 200, 188

193, 182, 224

221, 179, 151

Complementary

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

135, 200, 188

200, 135, 147

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.

231, 174, 166

135, 200, 188

217, 175, 209

Square

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

135, 200, 188

164, 189, 230

230, 172, 187

203, 187, 145

Rectangle

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

135, 200, 188

133, 197, 221

230, 172, 187

226, 177, 155

Sweetspot

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

135, 200, 188

230, 255, 250

148, 200, 135

112, 128, 125

0, 0, 0

128, 128, 128

Same Dimension

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

135, 200, 188

156, 255, 237

135, 181, 200

90, 99, 98

0, 163, 133

0, 36, 29

Inverse Universe

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

200, 135, 147

255, 156, 174

200, 155, 135

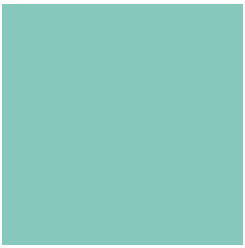
99, 90, 91

163, 0, 30

36, 0, 7

Previews

White Background

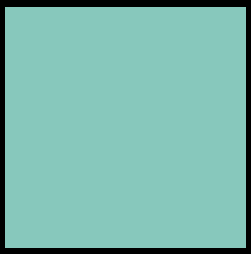


This preview shows how the RGB color 135, 200, 188 looks on a white background.

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



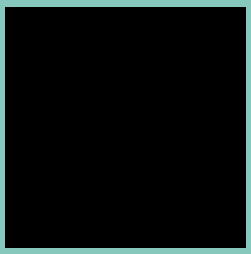
This preview shows how the RGB color 135, 200, 188 looks on a black background.

Color Contrast Check

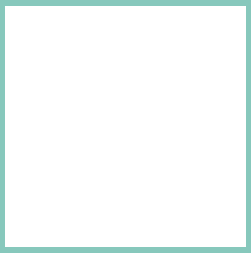
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✓ Pass

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

RGB 135, 200, 188 Background



This preview shows how black text looks on a background with the RGB color 135, 200, 188.



This preview shows how white text looks on a background with the RGB color 135, 200, 188.

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

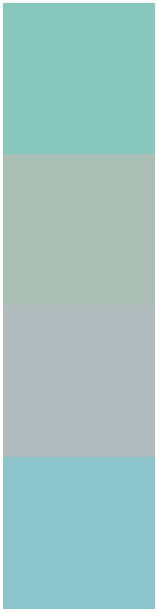
Original Color
135, 200, 188

Protanopia
192, 186, 180

Deuteranopia
203, 181, 192

Tritanopia
141, 196, 212

Trichromacy



Original Color
135, 200, 188

Protanomaly
171, 191, 183

Deuteranomaly
178, 188, 191

Tritanomaly
139, 197, 203

Monochromacy

Original Color
135, 200, 188

Achromatopsia
179, 179, 179

Achromatomaly
163, 187, 182

CSS Examples

Text

The CSS property to change the color of the text to RGB 135, 200, 188 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(135, 200, 188) looks like.

```
.text, #text, p{
    color:rgb(135, 200, 188)
}
```

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(135, 200, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 200, 188) }
```

Border

The CSS property to change the border of an element to RGB 135, 200, 188 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(135, 200, 188) }
```

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

```
.border{ border-color:rgb(135, 200, 188) }
```

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

Here you see how a box with a 4 pixel rgb(135, 200, 188) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(135, 200, 188); -webkit-box-shadow:4px 4px 4px 4px rgb(135, 200, 188); box-shadow:4px 4px 4px 4px rgb(135, 200, 188) }
```

Background

The CSS property to change the background color of an element to RGB 135, 200, 188 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(135, 200, 188) }
```

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

```
.background{ background-color:rgb(135,
200, 188) }
```

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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