

Converting Colors

RGB(137, 207, 198)

Have a look what the booklet for
RGB(137, 207, 198) contains.

RGB(137, 207, 198)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(137, 207, 198)

Conversions

Conversions Part 1

Format	Color
Hex	89CFC6
RGB	137, 207, 198
RGB Percent	54%, 81%, 78%
CMY	0.4627, 0.1882, 0.2235
CMYK	0.34, 0.00, 0.04, 0.19
HSL	172°, 42%, 67%
HSV	172°, 34%, 81%
XYZ	42.8224, 54.0212, 61.5962
YIQ	185.0440, -38.8310, -17.6390

Conversions

Conversions Part 2

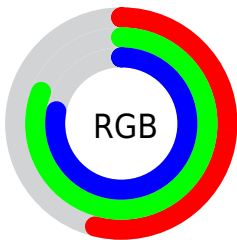
Format	Color
RYB	137, 174, 207
Decimal	9031622
CIELab	78.47, -23.91, -2.52
CIElCh	78, 24.041, 186.025
Yxy	54.0212, 0.2703, 0.3410
Android (android.graphics.Color)	4287221702 (0xFF89CFC6)
YUV	185.0440, 6.3873, -42.1346
Hunter-Lab	73.4991, -24.6250, 1.7612

Details

The RGB color **137, 207, 198** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **207, 137, 146**, and the grayscale version is **185, 185, 185**.

A 20% lighter version of the original color is **193, 255, 255**, and **83, 152, 144** is the 20% darker color. If you saturate the color by 10%, you get **116, 207, 195**, and if you desaturate by 10%, it is **158, 207, 201**.

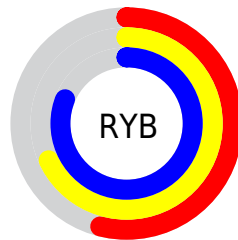
Distribution



Red (54%)

Green (81%)

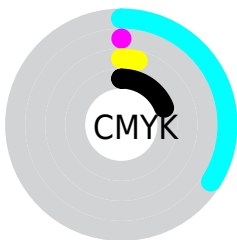
Blue (78%)



Red (54%)

Yellow (68%)

Blue (81%)

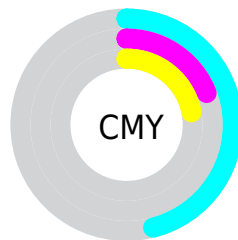


Cyan (34%)

Magenta (0%)

Yellow (4%)

Black (19%)



Cyan (46%)

Magenta (19%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the RGB color 137, 207, 198 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 137, 207, 198 by changing the saturation by 10% instead.

 137, 207, 198

255, 255, 255


 193, 255, 255


 221, 255, 255


 251, 255, 255

 137, 207, 198

 110, 179, 171

 83, 152, 144

 56, 126, 119

 27, 101, 94

 0, 77, 70

 0, 54, 48

 0, 33, 27

 0, 0, 0

 137, 207, 198

 137, 207, 198

 116, 207, 195

 158, 207, 201

 96, 207, 193

 178, 207, 203

 75, 207, 190

 199, 207, 206

 54, 207, 187

 220, 207, 209

 33, 207, 185

 241, 207, 211

 13, 207, 182

 255, 207, 214

 0, 207, 180

 255, 207, 217

 255, 207, 219

 255, 207, 222

Harmonies

Analogous

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



157, 205, 175



137, 207, 198



132, 206, 220

Triad

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



137, 207, 198



204, 187, 230



227, 187, 154

Complementary

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



137, 207, 198



207, 137, 146

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.



239, 181, 169



137, 207, 198



227, 181, 213

Square

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



137, 207, 198



174, 195, 238



239, 178, 190



207, 194, 150

Rectangle

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



137, 207, 198



139, 203, 230



239, 178, 190



232, 184, 158

Sweetspot

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



137, 207, 198



230, 255, 252



146, 207, 137



112, 128, 126



0, 0, 0



128, 128, 128

Same Dimension

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



137, 207, 198



150, 255, 242



137, 181, 207



94, 105, 103



0, 168, 147



0, 41, 36

Inverse Universe

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



207, 137, 146



255, 150, 164



207, 163, 137



105, 94, 95



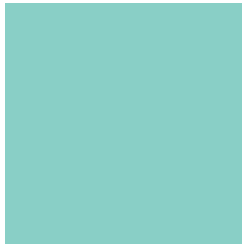
168, 0, 22



41, 0, 5

Previews

White Background



This preview shows how the RGB color 137, 207, 198 looks on a white background.

Color Contrast Check

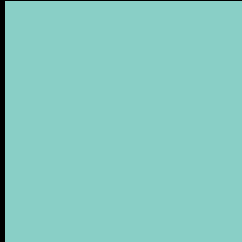
Large Text (above 18pt) WCAG AA × Fail

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 137, 207, 198 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

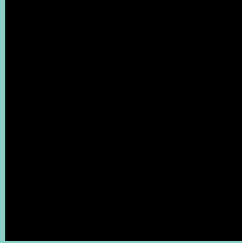
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

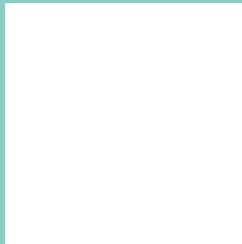
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 137, 207, 198 Background



This preview shows how black text looks on a background with the RGB color 137, 207, 198.

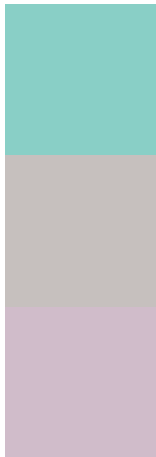


This preview shows how white text looks on a background with the RGB color 137, 207, 198.

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
137, 207, 198

Protanopia
198, 192, 190

Deuteranopia
208, 188, 202



Tritanopia
142, 204, 220

Trichromacy



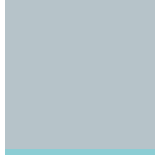
Original Color

137, 207, 198



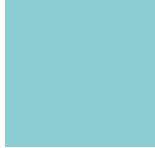
Protanomaly

176, 197, 193



Deuteranomaly

182, 195, 201



Tritanomaly

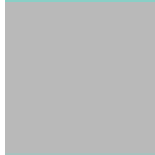
140, 205, 212

Monochromacy



Original Color

137, 207, 198



Achromatopsia

185, 185, 185



Achromatomaly

168, 193, 190

CSS Examples

Text

The CSS property to change the color of the text to RGB 137, 207, 198 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(137, 207, 198)` looks like.

```
.text, #text, p{  
    color:rgb(137, 207, 198)  
}
```

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(137, 207, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 207, 198) }
```

Border

The CSS property to change the border of an element to RGB 137, 207, 198 is called "border". The border property can be set on classes, ids or directly on the HTML element.

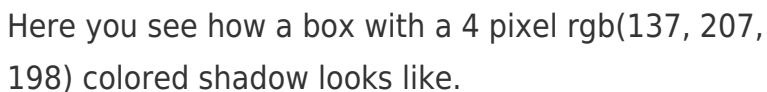
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(137, 207, 198) }
```

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

```
.border{ border-color:rgb(137, 207, 198) }
```

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



Here you see how a box with a 4 pixel `rgb(137, 207, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(137, 207, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(137, 207, 198); box-shadow:4px 4px 4px 4px rgb(137, 207, 198) }
```

Background

The CSS property to change the background color of an element to RGB 137, 207, 198 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 207, 198) }
```

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

```
.background{ background-color: rgb(137,  
207, 198) }
```

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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