

Converting Colors

RGB(134, 207, 201)

Have a look what the booklet for
RGB(134, 207, 201) contains.

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Color

RGB(134, 207, 201)

Conversions

Conversions Part 1

Format	Color
Hex	86CFC9
RGB	134, 207, 201
RGB Percent	53%, 81%, 79%
CMY	0.4745, 0.1882, 0.2118
CMYK	0.35, 0.00, 0.03, 0.19
HSL	175°, 43%, 67%
HSV	175°, 35%, 81%
XYZ	42.6870, 53.9110, 63.4144
YIQ	184.4890, -41.5820, -17.3420

Conversions

Conversions Part 2

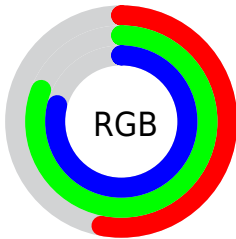
Format	Color
RYB	134, 172, 207
Decimal	8835017
CIELab	78.41, -24.04, -4.25
CIElCh	78, 24.408, 190.018
Yxy	53.9110, 0.2668, 0.3369
Android (android.graphics.Color)	4287025097 (0xFF86CFC9)
YUV	184.4890, 8.1399, -44.2789
Hunter-Lab	73.4241, -24.7168, 0.1898

Details

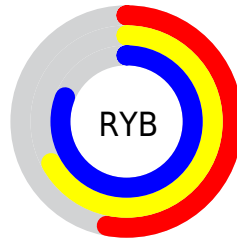
The RGB color **134, 207, 201** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **207, 134, 140**, and the grayscale version is **184, 184, 184**.

A 20% lighter version of the original color is **190, 255, 255**, and **80, 152, 147** is the 20% darker color. If you saturate the color by 10%, you get **113, 207, 199**, and if you desaturate by 10%, it is **155, 207, 203**.

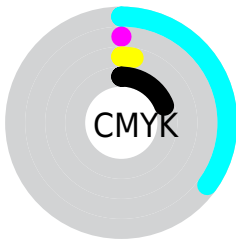
Distribution



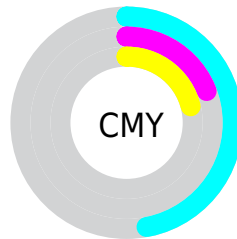
- Red (53%)
- Green (81%)
- Blue (79%)



- Red (53%)
- Yellow (67%)
- Blue (81%)



- Cyan (35%)
- Magenta (0%)
- Yellow (3%)
- Black (19%)



- Cyan (47%)
- Magenta (19%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the RGB color 134, 207, 201 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, 207, 201 by changing the saturation by 10% instead.


 134, 207, 201

 134, 207, 201


255, 255, 255

 107, 179, 174


 190, 255, 255

 80, 152, 147

 218, 255, 255

 52, 126, 121

 248, 255, 255

 20, 101, 97

 0, 77, 73

 0, 54, 50

 0, 33, 29

 0, 0, 4

 0, 0, 0

 134, 207, 201

 134, 207, 201

 113, 207, 199

 155, 207, 203

 93, 207, 198

 175, 207, 204

 72, 207, 196

 196, 207, 206

 51, 207, 194

 217, 207, 208

 30, 207, 192

 238, 207, 210

 10, 207, 191

 255, 207, 211

 0, 207, 190

 255, 207, 213

 255, 207, 215

 255, 207, 216

Harmonies

Analogous

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



153, 206, 178



134, 207, 201



131, 205, 222

Triad

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



134, 207, 201



207, 186, 229



225, 187, 152

Complementary

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



134, 207, 201



207, 134, 140

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.



238, 181, 166



134, 207, 201



230, 180, 210

Square

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



134, 207, 201



177, 193, 238



240, 178, 187



203, 195, 149

Rectangle

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



134, 207, 201



141, 202, 233



240, 178, 187



230, 185, 155

Sweetspot

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



134, 207, 201



227, 255, 253



140, 207, 134



111, 128, 126



0, 0, 0



128, 128, 128

Same Dimension

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



134, 207, 201



148, 255, 246



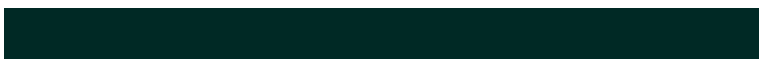
134, 177, 207



94, 105, 104



0, 168, 154



0, 41, 37

Inverse Universe

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



207, 134, 140



255, 148, 157



207, 164, 134



105, 94, 95



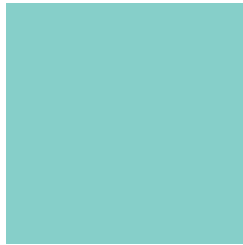
168, 0, 14



41, 0, 3

Previews

White Background



This preview shows how the RGB color 134, 207, 201 looks on a white background.

Color Contrast Check

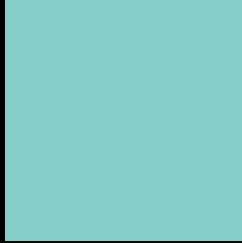
Large Text (above 18pt) WCAG AA × Fail

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, 207, 201 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

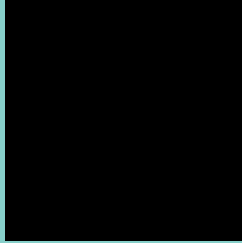
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

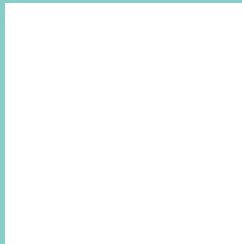
Any Text WCAG AAA ✓ Pass

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

RGB 134, 207, 201 Background



This preview shows how black text looks on a background with the RGB color 134, 207, 201.

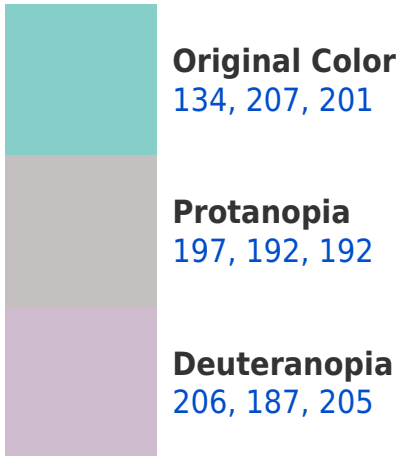


This preview shows how white text looks on a background with the RGB color 134, 207, 201.

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](#).

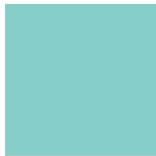
Dichromacy





Tritanopia
139, 204, 220

Trichromacy



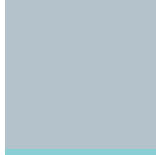
Original Color

134, 207, 201



Protanomaly

174, 197, 195



Deuteranomaly

180, 194, 204



Tritanomaly

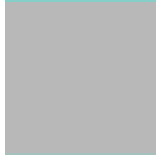
137, 205, 213

Monochromacy



Original Color

134, 207, 201



Achromatopsia

184, 184, 184



Achromatomaly

166, 192, 190

CSS Examples

Text

The CSS property to change the color of the text to RGB 134, 207, 201 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, 207, 201)` looks like.

```
.text, #text, p{  
    color:rgb(134, 207, 201)  
}
```

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, 207, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 207, 201) }
```

Border

The CSS property to change the border of an element to RGB 134, 207, 201 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, 207, 201) }
```

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

```
.border{ border-color:rgb(134, 207, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 207, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 207, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 207, 201);  
box-shadow:4px 4px 4px 4px rgb(134, 207,  
201) }
```

Background

The CSS property to change the background color of an element to RGB 134, 207, 201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 207, 201) }
```

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

```
.background{ background-color: rgb(134,  
207, 201) }
```

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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