

# Converting Colors

RGB(134, 199, 197)

Have a look what the booklet for  
RGB(134, 199, 197) contains.

<b>RGB(134, 199, 197)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**RGB(134, 199, 197)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	86C7C5
RGB	134, 199, 197
RGB Percent	53%, 78%, 77%
CMY	0.4745, 0.2196, 0.2275
CMYK	0.33, 0.00, 0.01, 0.22
HSL	178°, 37%, 65%
HSV	178°, 33%, 78%
XYZ	40.3330, 49.9464, 60.3382
YIQ	179.3370, -38.0980, -14.4020

# Conversions

## Conversions Part 2

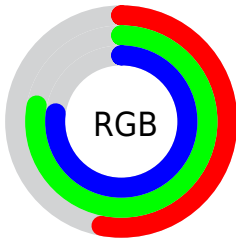
<b>Format</b>	<b>Color</b>
<b>RYB</b>	134, 167, 199
Decimal	8832965
CIELab	76.04, -20.98, -5.59
CIELCh	76, 21.710, 194.928
Yxy	49.9464, 0.2678, 0.3316
Android (android.graphics.Color)	4287023045 (0xFF86C7C5)
YUV	179.3370, 8.7079, -39.7605
Hunter-Lab	70.6728, -21.8073, -1.1490

# Details

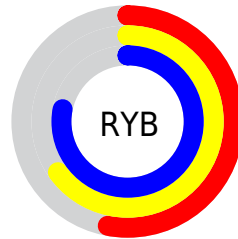
The RGB color **134, 199, 197** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **199, 134, 136**, and the grayscale version is **179, 179, 179**.

A 20% lighter version of the original color is **189, 255, 254**, and **81, 145, 143** is the 20% darker color. If you saturate the color by 10%, you get **114, 199, 196**, and if you desaturate by 10%, it is **154, 199, 198**.

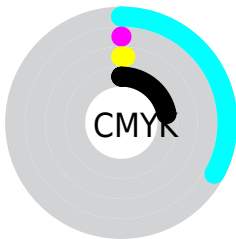
# Distribution



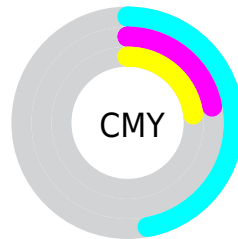
- Red (53%)
- Green (78%)
- Blue (77%)



- Red (53%)
- Yellow (65%)
- Blue (78%)



- Cyan (33%)
- Magenta (0%)
- Yellow (1%)
- Black (22%)



- Cyan (47%)
- Magenta (22%)
- Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the RGB color 134, 199, 197 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, 199, 197 by changing the saturation by 10% instead.




 134, 199, 197


255, 255, 255


 189, 255, 254


 218, 255, 255

 247, 255, 255

 134, 199, 197

 107, 172, 170

 81, 145, 143

 54, 119, 118


 25, 94, 93


 0, 70, 70


 0, 47, 47


 0, 28, 26


 0, 0, 0

 134, 199, 197


 134, 199, 197

 114, 199, 196


 154, 199, 198

 94, 199, 196


 174, 199, 198

 74, 199, 195


 194, 199, 199

 54, 199, 195

 214, 199, 199

 35, 199, 194

 234, 199, 200

 15, 199, 193

 253, 199, 201

 0, 199, 193

 255, 199, 201

 255, 199, 202

 255, 199, 203

# Harmonies

## Analogous

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



148, 198, 176



134, 199, 197



135, 197, 215

# Triad

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



134, 199, 197



203, 179, 216



212, 183, 149

# Complementary

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



134, 199, 197



199, 134, 136

# 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.



225, 177, 160



134, 199, 197



221, 174, 198

# Square

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



134, 199, 197



178, 186, 226



229, 173, 178



192, 189, 149

# Rectangle

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



134, 199, 197



145, 194, 223



229, 173, 178



218, 181, 152

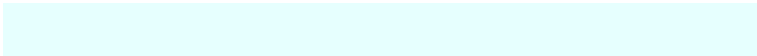


# Sweetspot

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



134, 199, 197



230, 255, 254



136, 199, 134



112, 128, 127



0, 0, 0



128, 128, 128



# Same Dimension

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



134, 199, 197



156, 255, 252



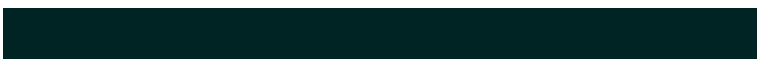
134, 169, 199



90, 99, 99



0, 163, 158



0, 36, 35



# Inverse Universe

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



199, 134, 136



255, 156, 159



199, 164, 134



99, 90, 90



163, 0, 5

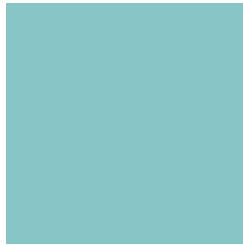


36, 0, 1



# Previews

## White Background



This preview shows how the RGB color 134, 199, 197 looks on a white background.

## Color Contrast Check

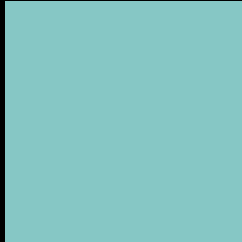
Large Text (above 18pt) WCAG AA × Fail

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, 199, 197 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, 199, 197 Background



This preview shows how black text looks on a background with the RGB color 134, 199, 197.



This preview shows how white text looks on a background with the RGB color 134, 199, 197.

# 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](#).

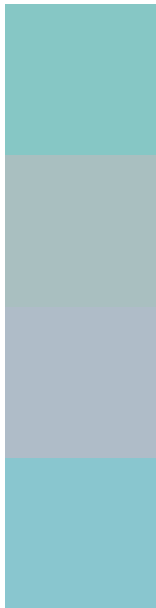
## Dichromacy





**Tritanopia**  
138, 197, 212

# Trichromacy



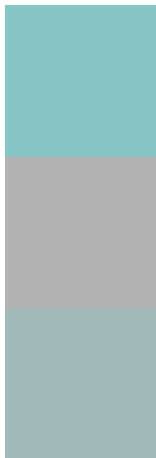
**Original Color**  
134, 199, 197

**Protanomaly**  
169, 191, 192

**Deuteranomaly**  
175, 188, 200

**Tritanomaly**  
137, 198, 207

# Monochromacy



**Original Color**  
134, 199, 197

**Achromatopsia**  
179, 179, 179

**Achromatomaly**  
163, 186, 186

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 134, 199, 197 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, 199, 197)` looks like.

```
.text, #text, p{  
    color:rgb(134, 199, 197)  
}
```

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, 199, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 199, 197) }
```

## Border

The CSS property to change the border of an element to RGB 134, 199, 197 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, 199, 197) }
```

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

```
.border{ border-color:rgb(134, 199, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 199, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 199, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 199, 197);  
box-shadow:4px 4px 4px 4px rgb(134, 199,  
197) }
```

# Background

The CSS property to change the background color of an element to RGB 134, 199, 197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 199, 197) }
```

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

```
.background{ background-color: rgb(134,  
199, 197) }
```

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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