

Converting Colors

RGB(134, 217, 207)

Have a look what the booklet for
RGB(134, 217, 207) contains.

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Color

RGB(134, 217, 207)

Conversions

Conversions Part 1

Format	Color
Hex	86D9CF
RGB	134, 217, 207
RGB Percent	53%, 85%, 81%
CMY	0.4745, 0.1490, 0.1882
CMYK	0.38, 0.00, 0.05, 0.15
HSL	173°, 52%, 69%
HSV	173°, 38%, 85%
XYZ	45.9069, 59.1990, 68.0385
YIQ	191.0430, -46.2580, -20.7060

Conversions

Conversions Part 2

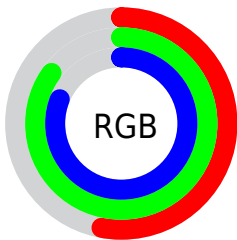
Format	Color
RYB	134, 178, 217
Decimal	8837583
CIELab	81.40, -27.53, -3.05
CIELCh	81, 27.702, 186.329
Yxy	59.1990, 0.2651, 0.3419
Android (android.graphics.Color)	4287027663 (0xFF86D9CF)
YUV	191.0430, 7.8668, -50.0267
Hunter-Lab	76.9409, -28.1444, 1.4288

Details

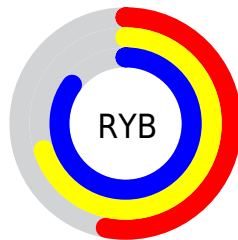
The RGB color **134, 217, 207** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **217, 134, 144**, and the grayscale version is **191, 191, 191**.

A 20% lighter version of the original color is **190, 255, 255**, and **79, 162, 153** is the 20% darker color. If you saturate the color by 10%, you get **112, 217, 204**, and if you desaturate by 10%, it is **156, 217, 210**.

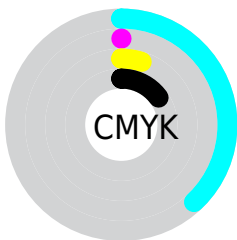
Distribution



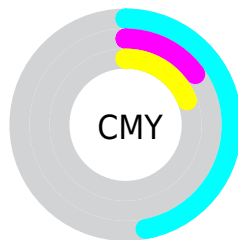
- Red (53%)
- Green (85%)
- Blue (81%)



- Red (53%)
- Yellow (70%)
- Blue (85%)



- Cyan (38%)
- Magenta (0%)
- Yellow (5%)
- Black (15%)



- Cyan (47%)
- Magenta (15%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the RGB color 134, 217, 207 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, 217, 207 by changing the saturation by 10% instead.


 134, 217, 207

 134, 217, 207


255, 255, 255

 106, 189, 179


 190, 255, 255

 79, 162, 153

 219, 255, 255

 50, 135, 127


 249, 255, 255

 12, 110, 102

 0, 85, 78

 0, 61, 55

 0, 39, 34

 0, 10, 12

 0, 0, 0

 134, 217, 207

 134, 217, 207

 112, 217, 204

 156, 217, 210


 91, 217, 202

 177, 217, 212

 69, 217, 199

 199, 217, 215

 47, 217, 197

 221, 217, 217

 26, 217, 194

 243, 217, 220

 4, 217, 191

 255, 217, 223

 0, 217, 191

 255, 217, 225

 255, 217, 228

 255, 217, 231

Harmonies

Analogous

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



158, 215, 181



134, 217, 207



127, 215, 232

Triad

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



134, 217, 207



213, 194, 244



239, 194, 155

Complementary

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



134, 217, 207



217, 134, 144

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.



253, 186, 173



134, 217, 207



240, 186, 224

Square

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



134, 217, 207



178, 203, 253



254, 183, 198



216, 202, 151

Rectangle

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



134, 217, 207



136, 213, 245



254, 183, 198



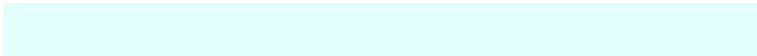
245, 191, 160

Sweetspot

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



134, 217, 207



227, 255, 252



145, 217, 134



111, 128, 126



0, 0, 0



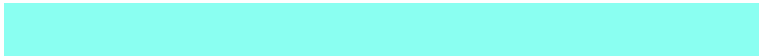
128, 128, 128

Same Dimension

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



134, 217, 207



138, 255, 241



134, 187, 217



99, 110, 108



0, 173, 153



0, 46, 40

Inverse Universe

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



217, 134, 144



255, 138, 152



217, 164, 134



110, 99, 100



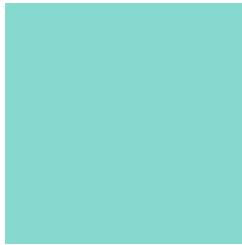
173, 0, 21



46, 0, 6

Previews

White Background



This preview shows how the RGB color 134, 217, 207 looks on a white background.

Color Contrast Check

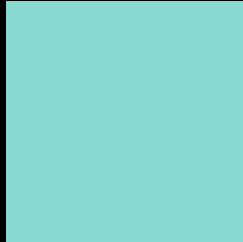
Large Text (above 18pt) WCAG AA × Fail

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, 217, 207 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

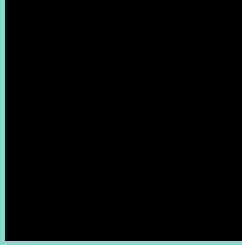
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

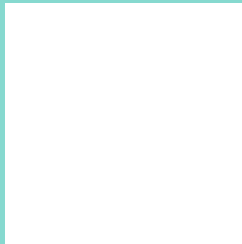
Any Text WCAG AAA ✓ Pass

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

RGB 134, 217, 207 Background



This preview shows how black text looks on a background with the RGB color 134, 217, 207.



This preview shows how white text looks on a background with the RGB color 134, 217, 207.

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
140, 213, 231

Trichromacy



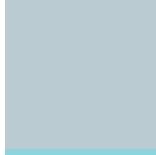
Original Color

134, 217, 207



Protanomaly

180, 206, 201



Deuteranomaly

186, 203, 210



Tritanomaly

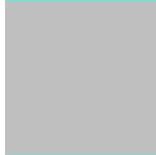
138, 214, 222

Monochromacy



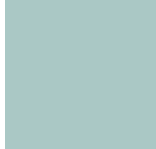
Original Color

134, 217, 207



Achromatopsia

191, 191, 191



Achromatomaly

170, 200, 197

CSS Examples

Text

The CSS property to change the color of the text to RGB 134, 217, 207 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, 217, 207)` looks like.

```
.text, #text, p{  
    color:rgb(134, 217, 207)  
}
```

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, 217, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 217, 207) }
```

Border

The CSS property to change the border of an element to RGB 134, 217, 207 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, 217, 207) }
```

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

```
.border{ border-color:rgb(134, 217, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 217, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 217, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 217, 207);  
box-shadow:4px 4px 4px 4px rgb(134, 217,  
207) }
```

Background

The CSS property to change the background color of an element to RGB 134, 217, 207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 217, 207) }
```

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

```
.background{ background-color: rgb(134,  
217, 207) }
```

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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