

Converting Colors

RGB(134, 223, 212)

Have a look what the booklet for
RGB(134, 223, 212) contains.

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Color

RGB(134, 223, 212)

Conversions

Conversions Part 1

Format	Color
Hex	86DFD4
RGB	134, 223, 212
RGB Percent	53%, 87%, 83%
CMY	0.4745, 0.1255, 0.1686
CMYK	0.40, 0.00, 0.05, 0.13
HSL	173°, 58%, 70%
HSV	173°, 40%, 87%
XYZ	48.1029, 62.5972, 71.8345
YIQ	195.1350, -49.5130, -22.2890

Conversions

Conversions Part 2

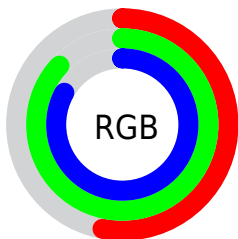
Format	Color
RYB	134, 181, 223
Decimal	8839124
CIELab	83.23, -29.26, -3.02
CIELCh	83, 29.415, 185.898
Yxy	62.5972, 0.2635, 0.3429
Android (android.graphics.Color)	4287029204 (0xFF86DFD4)
YUV	195.1350, 8.3144, -53.6154
Hunter-Lab	79.1184, -29.9316, 1.5512

Details

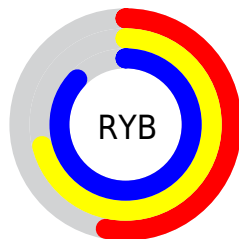
The RGB color **134, 223, 212** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **223, 134, 145**, and the grayscale version is **195, 195, 195**.

A 20% lighter version of the original color is **191, 255, 255**, and **78, 167, 157** is the 20% darker color. If you saturate the color by 10%, you get **112, 223, 209**, and if you desaturate by 10%, it is **156, 223, 215**.

Distribution



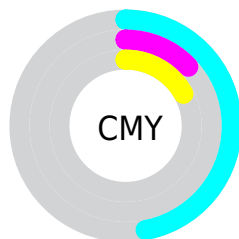
- Red (53%)
- Green (87%)
- Blue (83%)



- Red (53%)
- Yellow (71%)
- Blue (87%)



- Cyan (40%)
- Magenta (0%)
- Yellow (5%)
- Black (13%)



- Cyan (47%)
- Magenta (13%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the RGB color 134, 223, 212 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, 223, 212 by changing the saturation by 10% instead.


 134, 223, 212

 134, 223, 212


255, 255, 255

 106, 195, 184


 191, 255, 255

 78, 167, 157


 220, 255, 255

 48, 141, 131

 249, 255, 255

 4, 115, 106

 0, 90, 82

 0, 66, 59

 0, 43, 38

 0, 20, 17

 0, 0, 0

 134, 223, 212

 134, 223, 212

 112, 223, 209

 156, 223, 215

 89, 223, 206

 179, 223, 218

 67, 223, 204

 201, 223, 220

 45, 223, 201

 223, 223, 223

 22, 223, 198

 245, 223, 226

 0, 223, 195

 255, 223, 229

 0, 223, 195

 255, 223, 231

 255, 223, 234

 255, 223, 237

Harmonies

Analogous

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



160, 221, 184



134, 223, 212



126, 221, 239

Triad

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



134, 223, 212



219, 198, 252



247, 198, 158

Complementary

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



134, 223, 212



223, 134, 145

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.



255, 190, 176



134, 223, 212



248, 190, 230

Square

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



134, 223, 212



181, 208, 255



255, 187, 203



222, 207, 152

Rectangle

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



134, 223, 212



136, 218, 252



255, 187, 203



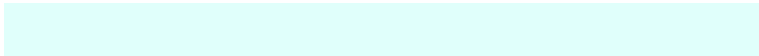
253, 195, 163

Sweetspot

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



134, 223, 212



224, 255, 251



146, 223, 134



110, 128, 125



0, 0, 0



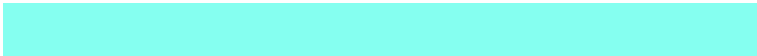
128, 128, 128

Same Dimension

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



134, 223, 212



133, 255, 240



134, 190, 223



101, 112, 111



0, 176, 154



0, 48, 42

Inverse Universe

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



223, 134, 145



255, 133, 148



223, 167, 134



112, 101, 102



176, 0, 22



48, 0, 6

Previews

White Background



This preview shows how the RGB color 134, 223, 212 looks on a white background.

Color Contrast Check

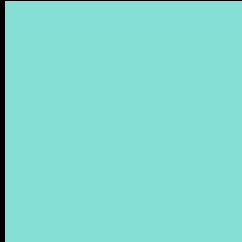
Large Text (above 18pt) WCAG AA × Fail

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, 223, 212 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

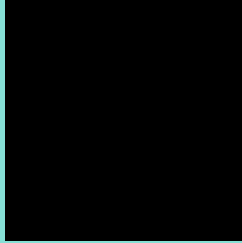
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

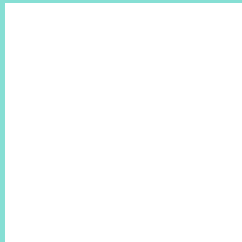
Any Text WCAG AAA ✓ Pass

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

RGB 134, 223, 212 Background



This preview shows how black text looks on a background with the RGB color 134, 223, 212.

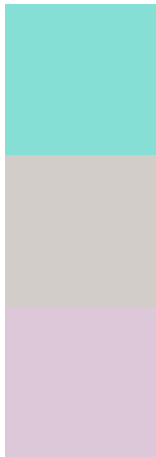


This preview shows how white text looks on a background with the RGB color 134, 223, 212.

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](#).

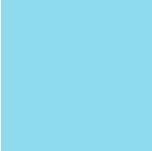
Dichromacy



Original Color
134, 223, 212

Protanopia
211, 205, 202

Deuteranopia
221, 200, 217



Tritanopia
141, 219, 237

Trichromacy



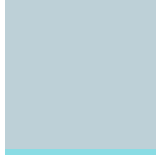
Original Color

134, 223, 212



Protanomaly

183, 212, 206



Deuteranomaly

189, 208, 215



Tritanomaly

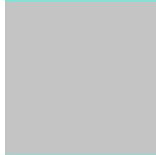
138, 220, 228

Monochromacy



Original Color

134, 223, 212



Achromatopsia

195, 195, 195



Achromatomaly

173, 205, 201

CSS Examples

Text

The CSS property to change the color of the text to RGB 134, 223, 212 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, 223, 212)` looks like.

```
.text, #text, p{  
    color:rgb(134, 223, 212)  
}
```

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, 223, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 223, 212) }
```

Border

The CSS property to change the border of an element to RGB 134, 223, 212 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, 223, 212) }
```

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

```
.border{ border-color:rgb(134, 223, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 223, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 223, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 223, 212);  
box-shadow:4px 4px 4px 4px rgb(134, 223,  
212) }
```

Background

The CSS property to change the background color of an element to RGB 134, 223, 212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 223, 212) }
```

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

```
.background{ background-color: rgb(134,  
223, 212) }
```

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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