

Converting Colors

RGB(134, 211, 205)

Have a look what the booklet for
RGB(134, 211, 205) contains.

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Color

RGB(134, 211, 205)

Conversions

Conversions Part 1

Format	Color
Hex	86D3CD
RGB	134, 211, 205
RGB Percent	53%, 83%, 80%
CMY	0.4745, 0.1725, 0.1961
CMYK	0.36, 0.00, 0.03, 0.17
HSL	175°, 47%, 68%
HSV	175°, 36%, 83%
XYZ	44.1452, 56.0646, 66.2525
YIQ	187.2930, -43.9660, -18.1900

Conversions

Conversions Part 2

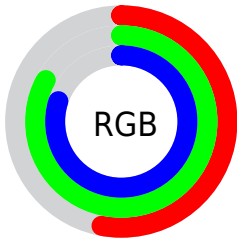
Format	Color
RYB	134, 174, 211
Decimal	8836045
CIELab	79.65, -25.07, -4.56
CIELCh	80, 25.484, 190.313
Yxy	56.0646, 0.2652, 0.3368
Android (android.graphics.Color)	4287026125 (0xFF86D3CD)
YUV	187.2930, 8.7296, -46.7380
Hunter-Lab	74.8763, -25.7944, -0.0479

Details

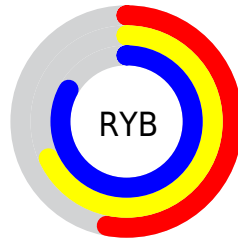
The RGB color **134, 211, 205** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **211, 134, 140**, and the grayscale version is **187, 187, 187**.

A 20% lighter version of the original color is **190, 255, 255**, and **79, 156, 151** is the 20% darker color. If you saturate the color by 10%, you get **113, 211, 203**, and if you desaturate by 10%, it is **155, 211, 207**.

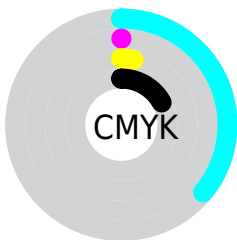
Distribution



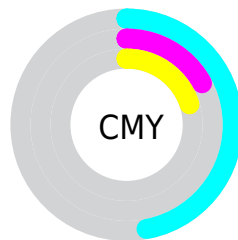
- Red (53%)
- Green (83%)
- Blue (80%)



- Red (53%)
- Yellow (68%)
- Blue (83%)



- Cyan (36%)
- Magenta (0%)
- Yellow (3%)
- Black (17%)



- Cyan (47%)
- Magenta (17%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the RGB color 134, 211, 205 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, 211, 205 by changing the saturation by 10% instead.


 134, 211, 205

 134, 211, 205


255, 255, 255

 107, 183, 178


 190, 255, 255

 79, 156, 151

 219, 255, 255

 51, 130, 125

 248, 255, 255

 17, 104, 100

 0, 80, 76

 0, 57, 54

 0, 35, 32

 0, 0, 10

 0, 0, 0

■ 134, 211, 205

■ 134, 211, 205

■ 113, 211, 203

■ 155, 211, 207

■ 92, 211, 202

■ 176, 211, 208

■ 71, 211, 200

■ 197, 211, 210

■ 50, 211, 198

■ 218, 211, 212

■ 29, 211, 197

■ 240, 211, 213

■ 7, 211, 195

■ 255, 211, 215

■ 0, 211, 195

■ 255, 211, 217

■ 255, 211, 218

■ 255, 211, 220

Harmonies

Analogous

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



154, 210, 181



134, 211, 205



131, 209, 227

Triad

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



134, 211, 205



212, 189, 234



229, 191, 153

Complementary

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



134, 211, 205



211, 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.



243, 184, 168



134, 211, 205



235, 182, 214

Square

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



134, 211, 205



180, 197, 244



246, 180, 190



207, 198, 151

Rectangle

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



134, 211, 205



141, 206, 238



246, 180, 190



235, 188, 157

Sweetspot

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



134, 211, 205



227, 255, 253



140, 211, 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, 211, 205



143, 255, 246



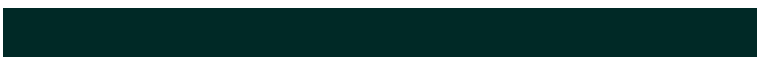
134, 179, 211



94, 105, 104



0, 168, 155



0, 41, 38

Inverse Universe

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



211, 134, 140



255, 143, 152



211, 166, 134



105, 94, 95



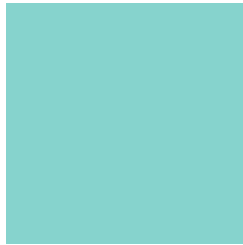
168, 0, 13



41, 0, 3

Previews

White Background



This preview shows how the RGB color 134, 211, 205 looks on a white background.

Color Contrast Check

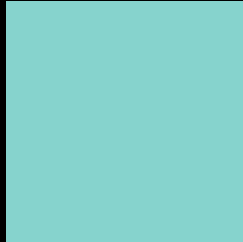
Large Text (above 18pt) WCAG AA × Fail

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, 211, 205 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

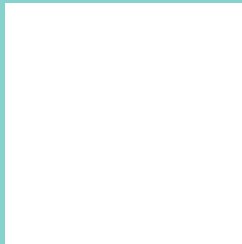
Any Text WCAG AAA ✓ Pass

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

RGB 134, 211, 205 Background



This preview shows how black text looks on a background with the RGB color 134, 211, 205.

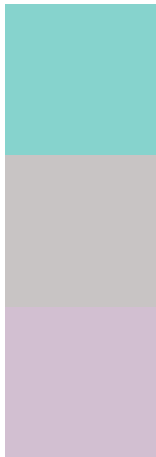


This preview shows how white text looks on a background with the RGB color 134, 211, 205.

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, 211, 205

Protanopia
200, 196, 196

Deuteranopia
210, 191, 209



Tritanopia
139, 208, 225

Trichromacy



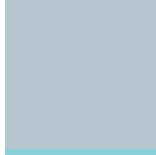
Original Color

134, 211, 205



Protanomaly

176, 201, 199



Deuteranomaly

182, 198, 208



Tritanomaly

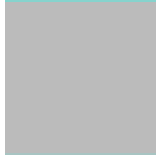
137, 209, 218

Monochromacy



Original Color

134, 211, 205



Achromatopsia

187, 187, 187



Achromatomaly

168, 196, 194

CSS Examples

Text

The CSS property to change the color of the text to RGB 134, 211, 205 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, 211, 205)` looks like.

```
.text, #text, p{  
    color:rgb(134, 211, 205)  
}
```

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, 211, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 211, 205) }
```

Border

The CSS property to change the border of an element to RGB 134, 211, 205 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, 211, 205) }
```

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

```
.border{ border-color:rgb(134, 211, 205) }
```

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

Here you see how a box with a 4 pixel rgb(134, 211, 205) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 211, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 211, 205);  
box-shadow:4px 4px 4px 4px rgb(134, 211,  
205) }
```

Background

The CSS property to change the background color of an element to RGB 134, 211, 205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 211, 205) }
```

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

```
.background{ background-color: rgb(134,  
211, 205) }
```

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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