

Converting Colors

RGB(89, 229, 202)

Have a look what the booklet for
RGB(89, 229, 202) contains.

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Color

RGB(89, 229, 202)

Conversions

Conversions Part 1

Format	Color
Hex	59E5CA
RGB	89, 229, 202
RGB Percent	35%, 90%, 79%
CMY	0.6510, 0.1020, 0.2078
CMYK	0.61, 0.00, 0.12, 0.10
HSL	168°, 73%, 62%
HSV	168°, 61%, 90%
XYZ	42.7998, 62.4267, 65.6709
YIQ	184.0620, -74.7730, -38.0770

Conversions

Conversions Part 2

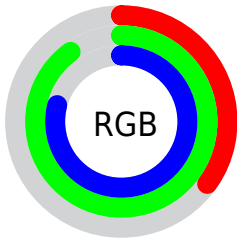
Format	Color
RYB	89, 166, 229
Decimal	5891530
CIELab	83.14, -44.09, 1.95
CIELCh	83, 44.130, 177.466
Yxy	62.4267, 0.2504, 0.3653
Android (android.graphics.Color)	4284081610 (0xFF59E5CA)
YUV	184.0620, 8.8434, -83.3694
Hunter-Lab	79.0106, -41.5756, 6.0276

Details

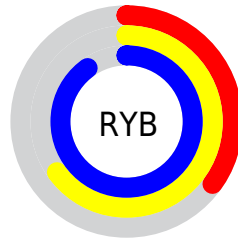
The RGB color **89, 229, 202** is a light color, and the websafe version is hex **66FFCC**. The color can be described as light muted cyan. A complement of this color would be **229, 89, 116**, and the grayscale version is **184, 184, 184**.

A 20% lighter version of the original color is **152, 255, 255**, and **0, 173, 148** is the 20% darker color. If you saturate the color by 10%, you get **66, 229, 198**, and if you desaturate by 10%, it is **112, 229, 206**.

Distribution



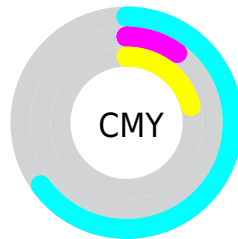
- Red (35%)
- Green (90%)
- Blue (79%)



- Red (35%)
- Yellow (65%)
- Blue (90%)



- Cyan (61%)
- Magenta (0%)
- Yellow (12%)
- Black (10%)



















- Cyan (65%)
- Magenta (10%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the RGB color 89, 229, 202 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 89, 229, 202 by changing the saturation by 10% instead.

 89, 229, 202	 89, 229, 202
 255, 255, 255	 53, 201, 175
 152, 255, 255	 0, 173, 148
 182, 255, 255	 0, 146, 122
 212, 255, 255	 0, 119, 98
 243, 255, 255	 0, 94, 74
	 0, 69, 51
	 0, 46, 30
	 0, 19, 6
	 0, 0, 0

■ 89, 229, 202

■ 89, 229, 202

■ 66, 229, 198

■ 112, 229, 206

■ 43, 229, 193

■ 135, 229, 211

■ 20, 229, 189

■ 158, 229, 215

■ 0, 229, 185

■ 181, 229, 220

■ 204, 229, 224

■ 226, 229, 228

■ 249, 229, 233

■ 255, 229, 237

■ 255, 229, 242

Harmonies

Analogous

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



146, 225, 161



89, 229, 202



19, 228, 244

Triad

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



89, 229, 202



207, 198, 255



255, 189, 138

Complementary

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



89, 229, 202



229, 89, 116

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, 178, 171



89, 229, 202



255, 183, 252

Square

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



89, 229, 202



140, 212, 255



255, 175, 212



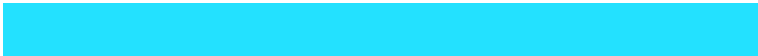
238, 203, 123

Rectangle

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



89, 229, 202



35, 225, 255



255, 175, 212



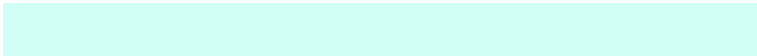
255, 184, 148

Sweetspot

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



89, 229, 202



209, 255, 246



117, 229, 89



99, 128, 122



0, 0, 0



128, 128, 128

Same Dimension

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



89, 229, 202



69, 255, 219



89, 187, 229



103, 115, 113



0, 179, 144



0, 51, 41

Inverse Universe

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



229, 89, 116



255, 69, 105



229, 131, 89



115, 103, 105



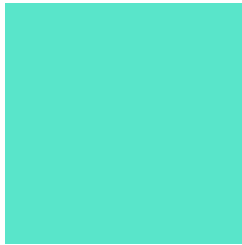
179, 0, 34



51, 0, 10

Previews

White Background



This preview shows how the RGB color 89, 229, 202 looks on a white background.

Color Contrast Check

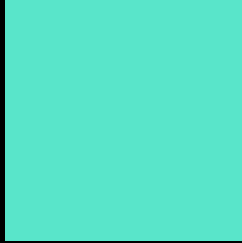
Large Text (above 18pt) WCAG AA × Fail

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 89, 229, 202 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

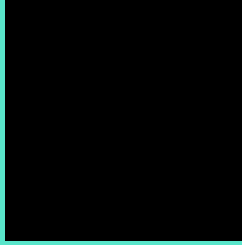
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

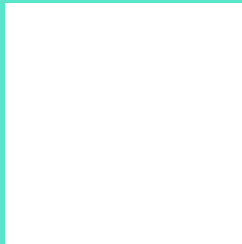
Any Text WCAG AAA ✓ Pass

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

RGB 89, 229, 202 Background



This preview shows how black text looks on a background with the RGB color 89, 229, 202.

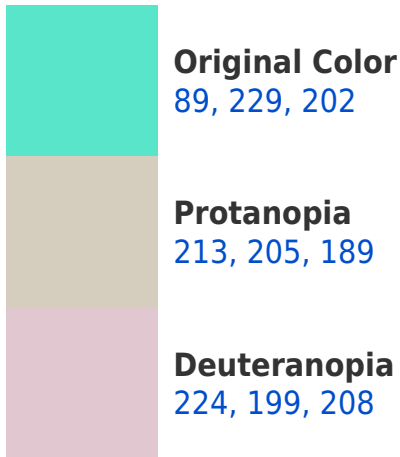


This preview shows how white text looks on a background with the RGB color 89, 229, 202.

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



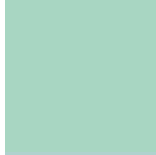


Tritanopia
105, 223, 241

Trichromacy



Original Color
89, 229, 202



Protanomaly
168, 214, 194



Deuteranomaly
175, 210, 206

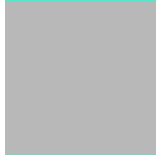


Tritanomaly
99, 225, 227

Monochromacy



Original Color
89, 229, 202



Achromatopsia
184, 184, 184



Achromatomaly
149, 200, 191

CSS Examples

Text

The CSS property to change the color of the text to RGB 89, 229, 202 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(89, 229, 202)` looks like.

```
.text, #text, p{  
    color:rgb(89, 229, 202)  
}
```

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(89, 229, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 229, 202) }
```

Border

The CSS property to change the border of an element to RGB 89, 229, 202 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(89, 229, 202) }
```

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

```
.border{ border-color:rgb(89, 229, 202) }
```

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

Here you see how a box with a 4 pixel rgb(89, 229, 202) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 229, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 229, 202);  
box-shadow:4px 4px 4px 4px rgb(89, 229,  
202) }
```

Background

The CSS property to change the background color of an element to RGB 89, 229, 202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 229, 202) }
```

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

```
.background{ background-color: rgb(89, 229,  
202) }
```

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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