

Converting Colors

RGB(95, 244, 204)

Have a look what the booklet for
RGB(95, 244, 204) contains.

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Color

RGB(95, 244, 204)

Conversions

Conversions Part 1

Format	Color
Hex	5FF4CC
RGB	95, 244, 204
RGB Percent	37%, 96%, 80%
CMY	0.6275, 0.0431, 0.2000
CMYK	0.61, 0.00, 0.16, 0.04
HSL	164°, 87%, 66%
HSV	164°, 61%, 96%
XYZ	47.9691, 71.4939, 68.3982
YIQ	194.8890, -75.9640, -44.0280

Conversions

Conversions Part 2

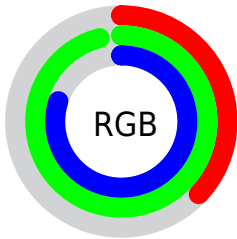
Format	Color
R _Y B	95, 181, 244
Decimal	6288588
CIE Lab	87.72, -49.00, 7.55
CIE LCh	88, 49.579, 171.243
Yxy	71.4939, 0.2553, 0.3806
Android (android.graphics.Color)	4284478668 (0xFF5FF4CC)
YUV	194.8890, 4.4917, -87.6027
Hunter-Lab	84.5541, -46.7033, 11.2265

Details

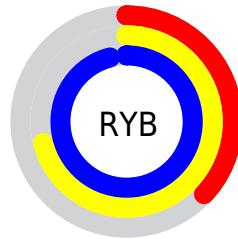
The RGB color **95, 244, 204** is a light color, and the websafe version is hex **66FFCC**. The color can be described as light muted cyan. A complement of this color would be **244, 95, 135**, and the grayscale version is **195, 195, 195**.

A 20% lighter version of the original color is **158, 255, 255**, and **0, 187, 150** is the 20% darker color. If you saturate the color by 10%, you get **71, 244, 197**, and if you desaturate by 10%, it is **119, 244, 211**.

Distribution



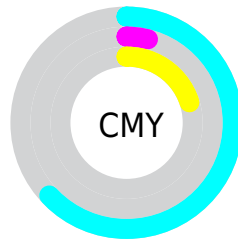
- Red (37%)
- Green (96%)
- Blue (80%)



- Red (37%)
- Yellow (71%)
- Blue (96%)



- Cyan (61%)
- Magenta (0%)
- Yellow (16%)
- Black (4%)



















- Cyan (63%)
- Magenta (4%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the RGB color 95, 244, 204 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 95, 244, 204 by changing the saturation by 10% instead.

 95, 244, 204	 95, 244, 204
 255, 255, 255	 59, 215, 177
 158, 255, 255	 0, 187, 150
 189, 255, 255	 0, 159, 124
 219, 255, 255	 0, 132, 99
 250, 255, 255	 0, 106, 75
	 0, 81, 53
	 0, 57, 31
	 0, 34, 8
	 0, 0, 0

■ 95, 244, 204

■ 95, 244, 204

■ 71, 244, 197

■ 119, 244, 211

■ 46, 244, 191

■ 144, 244, 217

■ 22, 244, 184

■ 168, 244, 224

■ 0, 244, 178

■ 193, 244, 230

■ 217, 244, 237

■ 241, 244, 243

■ 255, 244, 250

■ 255, 244, 255

Harmonies

Analogous

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



162, 238, 159



95, 244, 204



0, 245, 253

Triad

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



95, 244, 204



204, 213, 255



255, 196, 148

Complementary

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



95, 244, 204



244, 95, 135

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, 184, 188



95, 244, 204



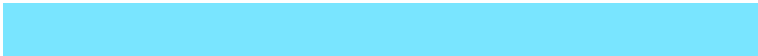
255, 196, 255

Square

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



95, 244, 204



121, 229, 255



255, 184, 236



255, 212, 126

Rectangle

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



95, 244, 204



0, 242, 255



255, 184, 236



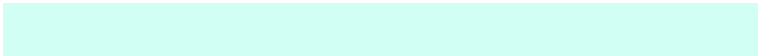
255, 191, 160

Sweetspot

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



95, 244, 204



209, 255, 243



137, 244, 95



99, 128, 120



0, 0, 0



128, 128, 128

Same Dimension

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



95, 244, 204



69, 255, 205



95, 212, 244



110, 122, 119



0, 186, 136



0, 59, 43

Inverse Universe

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



244, 95, 135



255, 69, 119



244, 127, 95



122, 110, 113



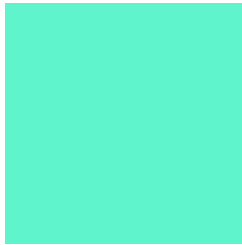
186, 0, 50



59, 0, 16

Previews

White Background



This preview shows how the RGB color 95, 244, 204 looks on a white background.

Color Contrast Check

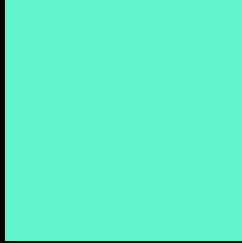
Large Text (above 18pt) WCAG AA × Fail

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 95, 244, 204 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

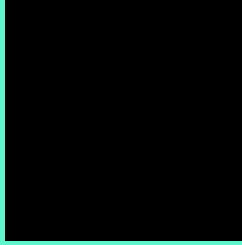
Any Text WCAG AA ✓ Pass

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 95, 244, 204 Background



This preview shows how black text looks on a background with the RGB color 95, 244, 204.

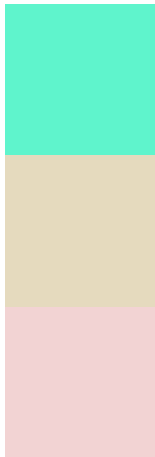


This preview shows how white text looks on a background with the RGB color 95, 244, 204.

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](#).

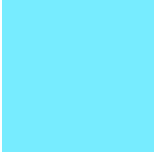
Dichromacy



Original Color
95, 244, 204

Protanopia
229, 218, 190

Deuteranopia
242, 211, 211



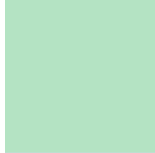
Tritanopia
119, 236, 255

Trichromacy



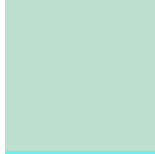
Original Color

95, 244, 204



Protanomaly

180, 227, 195



Deuteranomaly

189, 223, 208



Tritanomaly

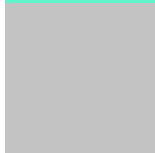
110, 239, 236

Monochromacy



Original Color

95, 244, 204



Achromatopsia

195, 195, 195



Achromatomaly

159, 213, 198

CSS Examples

Text

The CSS property to change the color of the text to RGB 95, 244, 204 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(95, 244, 204)` looks like.

```
.text, #text, p{  
    color:rgb(95, 244, 204)  
}
```

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(95, 244, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 244, 204) }
```

Border

The CSS property to change the border of an element to RGB 95, 244, 204 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(95, 244, 204) }
```

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

```
.border{ border-color:rgb(95, 244, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 244, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 244, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 244, 204);  
box-shadow:4px 4px 4px 4px rgb(95, 244,  
204) }
```

Background

The CSS property to change the background color of an element to RGB 95, 244, 204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 244, 204) }
```

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

```
.background{ background-color: rgb(95, 244,  
204) }
```

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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