

Converting Colors

RGB(123, 245, 187)

Have a look what the booklet for
RGB(123, 245, 187) contains.

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Color

RGB(123, 245, 187)

Conversions

Conversions Part 1

Format	Color
Hex	7BF5BB
RGB	123, 245, 187
RGB Percent	48%, 96%, 73%
CMY	0.5176, 0.0392, 0.2667
CMYK	0.50, 0.00, 0.24, 0.04
HSL	151°, 86%, 72%
HSV	151°, 50%, 96%
XYZ	49.7904, 73.1036, 58.4999
YIQ	201.9100, -54.0940, -43.9020

Conversions

Conversions Part 2

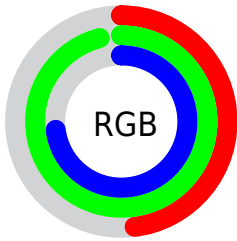
Format	Color
RYB	123, 203, 245
Decimal	8123835
CIELab	88.50, -47.36, 17.58
CIELCh	88, 50.513, 159.637
Yxy	73.1036, 0.2745, 0.4030
Android (android.graphics.Color)	4286313915 (0xFF7BF5BB)
YUV	201.9100, -7.3506, -69.2041
Hunter-Lab	85.5007, -45.6785, 19.2840

Details

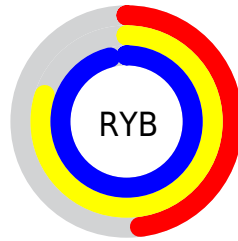
The RGB color **123, 245, 187** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **245, 123, 181**, and the grayscale version is **202, 202, 202**.

A 20% lighter version of the original color is **182, 255, 243**, and **61, 188, 134** is the 20% darker color. If you saturate the color by 10%, you get **98, 245, 175**, and if you desaturate by 10%, it is **147, 245, 199**.

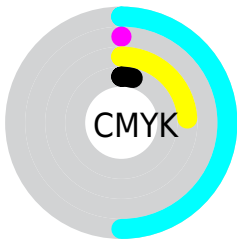
Distribution



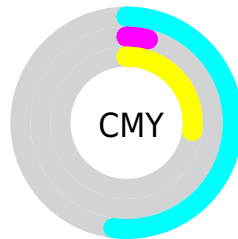
- Red (48%)
- Green (96%)
- Blue (73%)



- Red (48%)
- Yellow (80%)
- Blue (96%)



- Cyan (50%)
- Magenta (0%)
- Yellow (24%)
- Black (4%)



- Cyan (52%)
- Magenta (4%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the RGB color 123, 245, 187 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 123, 245, 187 by changing the saturation by 10% instead.

 123, 245, 187

255, 255, 255


 182, 255, 243


 211, 255, 255


 241, 255, 255


 123, 245, 187


 93, 216, 160

 61, 188, 134

 18, 160, 108

 0, 134, 84

 0, 107, 60

 0, 82, 38

 0, 58, 17

 0, 36, 0

 0, 0, 0

 123, 245, 187

 123, 245, 187

 98, 245, 175

 147, 245, 199

 74, 245, 164

 172, 245, 210

 49, 245, 152

 196, 245, 222

 25, 245, 140

 221, 245, 234

 0, 245, 129

 246, 245, 245

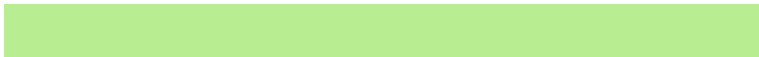
 0, 245, 129

 255, 245, 255

Harmonies

Analogous

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



185, 237, 146



123, 245, 187



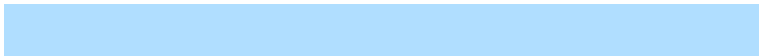
16, 248, 237

Triad

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



123, 245, 187



176, 222, 255



255, 192, 163

Complementary

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



123, 245, 187



245, 123, 181

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, 208



123, 245, 187



247, 204, 255

Square

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



123, 245, 187



77, 236, 255



255, 189, 255



255, 208, 132

Rectangle

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



123, 245, 187



0, 246, 255



255, 189, 255



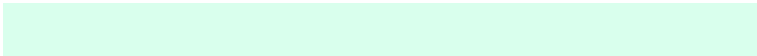
255, 188, 177

Sweetspot

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



123, 245, 187



217, 255, 237



182, 245, 123



105, 128, 117



0, 0, 0



128, 128, 128

Same Dimension

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



123, 245, 187



102, 255, 182



123, 243, 245



110, 122, 117



0, 186, 98



0, 59, 31

Inverse Universe

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



245, 123, 181



255, 102, 175



245, 125, 123



122, 110, 116



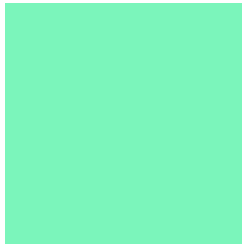
186, 0, 88



59, 0, 28

Previews

White Background



This preview shows how the RGB color 123, 245, 187 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 123, 245, 187 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 123, 245, 187 Background



This preview shows how black text looks on a background with the RGB color 123, 245, 187.

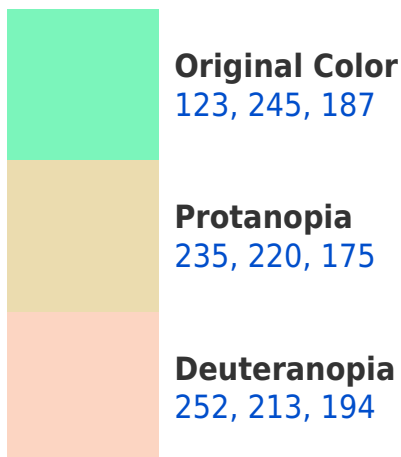


This preview shows how white text looks on a background with the RGB color 123, 245, 187.

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
142, 236, 255

Trichromacy



Original Color

123, 245, 187



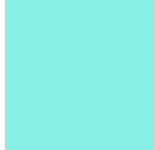
Protanomaly

194, 229, 179



Deuteranomaly

205, 225, 191



Tritanomaly

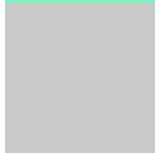
135, 239, 230

Monochromacy



Original Color

123, 245, 187



Achromatopsia

202, 202, 202



Achromatomaly

173, 218, 197

CSS Examples

Text

The CSS property to change the color of the text to RGB 123, 245, 187 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(123, 245, 187)` looks like.

```
.text, #text, p{  
    color:rgb(123, 245, 187)  
}
```

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(123, 245, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 245, 187) }
```

Border

The CSS property to change the border of an element to RGB 123, 245, 187 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(123, 245, 187) }
```

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

```
.border{ border-color:rgb(123, 245, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 245, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 245, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 245, 187);  
box-shadow:4px 4px 4px 4px rgb(123, 245,  
187) }
```

Background

The CSS property to change the background color of an element to RGB 123, 245, 187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 245, 187) }
```

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

```
.background{ background-color: rgb(123,  
245, 187) }
```

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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