

Converting Colors

RGB(123, 245, 200)

Have a look what the booklet for
RGB(123, 245, 200) contains.

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Color

RGB(123, 245, 200)

Conversions

Conversions Part 1

Format	Color
Hex	7BF5C8
RGB	123, 245, 200
RGB Percent	48%, 96%, 78%
CMY	0.5176, 0.0392, 0.2157
CMYK	0.50, 0.00, 0.18, 0.04
HSL	158°, 86%, 72%
HSV	158°, 50%, 96%
XYZ	51.2461, 73.6859, 66.1654
YIQ	203.3920, -58.2670, -39.8590

Conversions

Conversions Part 2

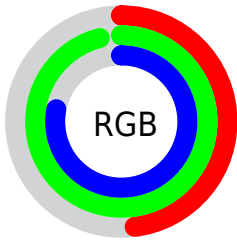
Format	Color
R _Y B	123, 198, 245
Decimal	8123848
CIE Lab	88.77, -44.66, 11.24
CIE LCh	89, 46.052, 165.871
Yxy	73.6859, 0.2682, 0.3856
Android (android.graphics.Color)	4286313928 (0xFF7BF5C8)
YUV	203.3920, -1.6723, -70.5038
Hunter-Lab	85.8405, -43.6577, 14.3879

Details

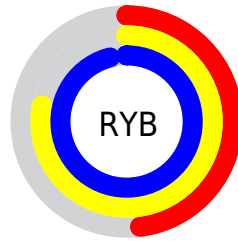
The RGB color **123, 245, 200** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **245, 123, 168**, and the grayscale version is **203, 203, 203**.

A 20% lighter version of the original color is **182, 255, 255**, and **61, 188, 146** is the 20% darker color. If you saturate the color by 10%, you get **98, 245, 191**, and if you desaturate by 10%, it is **147, 245, 209**.

Distribution



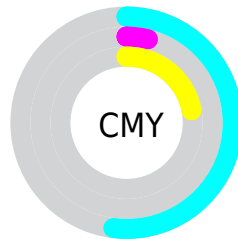
- Red (48%)
- Green (96%)
- Blue (78%)



- Red (48%)
- Yellow (78%)
- Blue (96%)



- Cyan (50%)
- Magenta (0%)
- Yellow (18%)
- Black (4%)



- Cyan (52%)
- Magenta (4%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the RGB color 123, 245, 200 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, 200 by changing the saturation by 10% instead.


 123, 245, 200

 123, 245, 200


255, 255, 255

 93, 216, 173


 182, 255, 255


 61, 188, 146

 212, 255, 255

 16, 160, 120

 242, 255, 255

 0, 134, 96

 0, 108, 72

 0, 83, 49

 0, 58, 28

 0, 37, 3

 0, 0, 0

 123, 245, 200

 123, 245, 200

 98, 245, 191

 147, 245, 209

 74, 245, 182

 172, 245, 218

 49, 245, 173

 196, 245, 227

 25, 245, 164

 221, 245, 236

 0, 245, 155

 246, 245, 245

 0, 245, 155

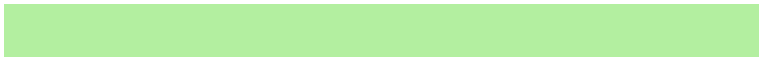
 255, 245, 254

 255, 245, 255

Harmonies

Analogous

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



179, 239, 160



123, 245, 200



58, 246, 245

Triad

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



123, 245, 200



197, 219, 255



255, 198, 162

Complementary

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



123, 245, 200



245, 123, 168

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, 189, 201



123, 245, 200



255, 203, 255

Square

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



123, 245, 200



122, 233, 255



255, 191, 246



255, 213, 138

Rectangle

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



123, 245, 200



29, 245, 255



255, 191, 246



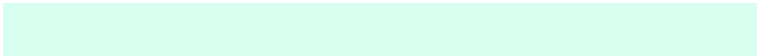
255, 194, 174

Sweetspot

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



123, 245, 200



217, 255, 241



170, 245, 123



105, 128, 119



0, 0, 0



128, 128, 128

Same Dimension

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



123, 245, 200



102, 255, 199



123, 231, 245



110, 122, 118



0, 186, 117



0, 59, 37

Inverse Universe

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



245, 123, 168



255, 102, 158



245, 137, 123



122, 110, 115



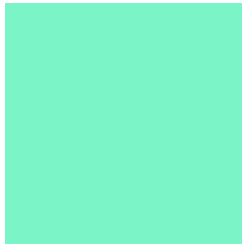
186, 0, 69



59, 0, 22

Previews

White Background



This preview shows how the RGB color 123, 245, 200 looks on a white background.

Color Contrast Check

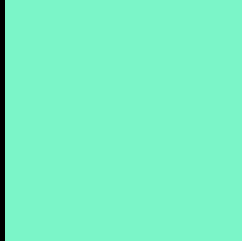
Large Text (above 18pt) WCAG AA × Fail

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, 200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

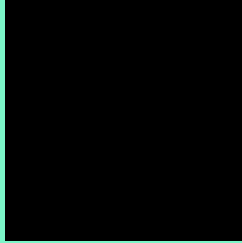
Any Text WCAG AA ✓ Pass

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, 200 Background



This preview shows how black text looks on a background with the RGB color 123, 245, 200.

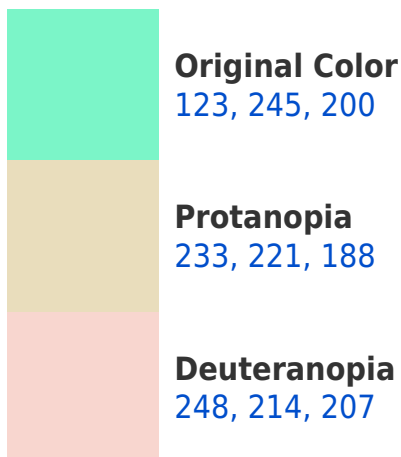


This preview shows how white text looks on a background with the RGB color 123, 245, 200.

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





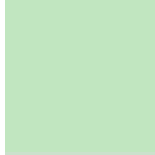
Tritanopia
144, 237, 255

Trichromacy



Original Color

123, 245, 200



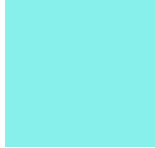
Protanomaly

193, 230, 192



Deuteranomaly

203, 225, 204



Tritanomaly

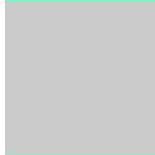
136, 240, 235

Monochromacy



Original Color

123, 245, 200



Achromatopsia

203, 203, 203



Achromatomaly

174, 218, 202

CSS Examples

Text

The CSS property to change the color of the text to RGB 123, 245, 200 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, 200)` looks like.

```
.text, #text, p{  
    color:rgb(123, 245, 200)  
}
```

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, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 245, 200) }
```

Border

The CSS property to change the border of an element to RGB 123, 245, 200 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, 200) }
```

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

```
.border{ border-color:rgb(123, 245, 200) }
```

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, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(123, 245, 200); -webkit-box-shadow:4px 4px 4px 4px rgb(123, 245, 200); box-shadow:4px 4px 4px 4px rgb(123, 245, 200) }
```

Background

The CSS property to change the background color of an element to RGB 123, 245, 200 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, 200) }
```

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

```
.background{ background-color: rgb(123,  
245, 200) }
```

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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