

Converting Colors

RGB(128, 244, 205)

Have a look what the booklet for
RGB(128, 244, 205) contains.

RGB(128, 244, 205)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(128, 244, 205)

Conversions

Conversions Part 1

Format	Color
Hex	80F4CD
RGB	128, 244, 205
RGB Percent	50%, 96%, 80%
CMY	0.4980, 0.0431, 0.1961
CMYK	0.48, 0.00, 0.16, 0.04
HSL	160°, 84%, 73%
HSV	160°, 48%, 96%
XYZ	52.2722, 73.6983, 69.2278
YIQ	204.8700, -56.6170, -36.7210

Conversions

Conversions Part 2

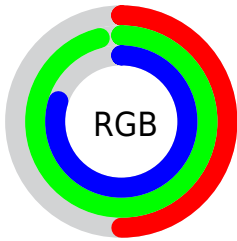
Format	Color
R _Y B	128, 198, 244
Decimal	8451277
CIE Lab	88.78, -41.99, 8.68
CIE LCh	89, 42.873, 168.322
Yxy	73.6983, 0.2678, 0.3776
Android (android.graphics.Color)	4286641357 (0xFF80F4CD)
YUV	204.8700, 0.0641, -67.4150
Hunter-Lab	85.8477, -41.5459, 12.2818

Details

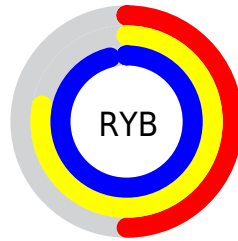
The RGB color **128, 244, 205** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **244, 128, 167**, and the grayscale version is **205, 205, 205**.

A 20% lighter version of the original color is **186, 255, 255**, and **68, 187, 151** is the 20% darker color. If you saturate the color by 10%, you get **104, 244, 197**, and if you desaturate by 10%, it is **152, 244, 213**.

Distribution



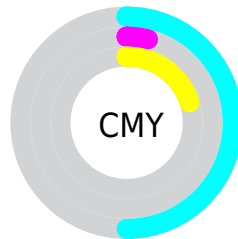
- Red (50%)
- Green (96%)
- Blue (80%)



- Red (50%)
- Yellow (78%)
- Blue (96%)



- Cyan (48%)
- Magenta (0%)
- Yellow (16%)
- Black (4%)



- Cyan (50%)
- Magenta (4%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the RGB color 128, 244, 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 128, 244, 205 by changing the saturation by 10% instead.


 128, 244, 205

 128, 244, 205


255, 255, 255

 99, 215, 178

 186, 255, 255


 68, 187, 151


 216, 255, 255

 30, 160, 125

 246, 255, 255

 0, 133, 100

 0, 107, 76

 0, 82, 53

 0, 58, 32

 0, 37, 9

 0, 0, 0

 128, 244, 205

 128, 244, 205

 104, 244, 197

 152, 244, 213

 79, 244, 189

 177, 244, 221

 55, 244, 180

 201, 244, 230

 30, 244, 172

 226, 244, 238

 6, 244, 164

 250, 244, 246

 0, 244, 162

 255, 244, 254

 255, 244, 255

Harmonies

Analogous

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



179, 238, 167



128, 244, 205



80, 245, 247

Triad

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



128, 244, 205



205, 218, 255



255, 201, 164

Complementary

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



128, 244, 205



244, 128, 167

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, 192, 199



128, 244, 205



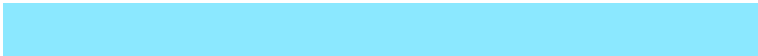
255, 204, 255

Square

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



128, 244, 205



139, 232, 255



255, 193, 241



255, 215, 143

Rectangle

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



128, 244, 205



71, 243, 255



255, 193, 241



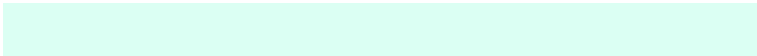
255, 197, 174

Sweetspot

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



128, 244, 205



219, 255, 243



169, 244, 128



106, 128, 120



0, 0, 0



128, 128, 128

Same Dimension

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



128, 244, 205



110, 255, 206



128, 227, 244



110, 122, 118



0, 186, 124



0, 59, 39

Inverse Universe

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



244, 128, 167



255, 110, 159



244, 145, 128



122, 110, 114



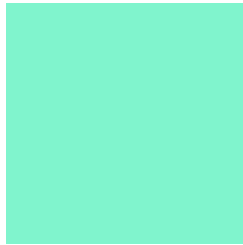
186, 0, 63



59, 0, 20

Previews

White Background



This preview shows how the RGB color 128, 244, 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 128, 244, 205 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

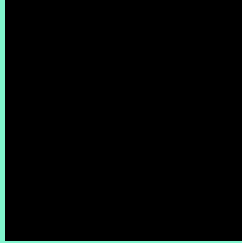
Any Text WCAG AA ✓ Pass

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 128, 244, 205 Background



This preview shows how black text looks on a background with the RGB color 128, 244, 205.

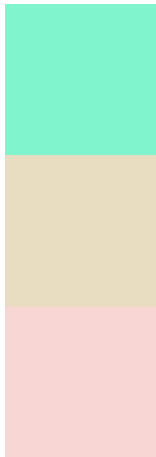


This preview shows how white text looks on a background with the RGB color 128, 244, 205.

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
128, 244, 205

Protanopia
232, 221, 193

Deuteranopia
247, 214, 211



Tritanopia
145, 236, 255

Trichromacy



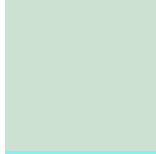
Original Color

128, 244, 205



Protanomaly

194, 229, 197



Deuteranomaly

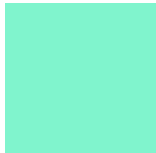
204, 225, 209



Tritanomaly

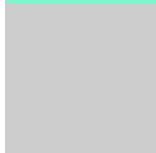
139, 239, 237

Monochromacy



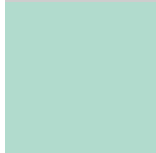
Original Color

128, 244, 205



Achromatopsia

205, 205, 205



Achromatomaly

177, 219, 205

CSS Examples

Text

The CSS property to change the color of the text to RGB 128, 244, 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(128, 244, 205)` looks like.

```
.text, #text, p{  
    color:rgb(128, 244, 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(128, 244, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 244, 205) }
```

Border

The CSS property to change the border of an element to RGB 128, 244, 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(128, 244, 205) }
```

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

```
.border{ border-color:rgb(128, 244, 205) }
```

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

Here you see how a box with a 4 pixel rgb(128, 244, 205) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 244, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 244, 205);  
box-shadow:4px 4px 4px 4px rgb(128, 244,  
205) }
```

Background

The CSS property to change the background color of an element to RGB 128, 244, 205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 244, 205) }
```

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

```
.background{ background-color: rgb(128,  
244, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor