

Converting Colors

RGB(120, 250, 195)

Have a look what the booklet for
RGB(120, 250, 195) contains.

| | |
|--|----|
| RGB(120, 250, 195) | 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(120, 250, 195)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 78FAC3 |
| RGB | 120, 250, 195 |
| RGB Percent | 47%, 98%, 76% |
| CMY | 0.5294, 0.0196, 0.2353 |
| CMYK | 0.52, 0.00, 0.22, 0.02 |
| HSL | 155°, 93%, 73% |
| HSV | 155°, 52%, 98% |
| XYZ | 51.7817, 76.3044, 63.6288 |
| YIQ | 204.8600, -59.8250, -44.6650 |

Conversions

Conversions Part 2

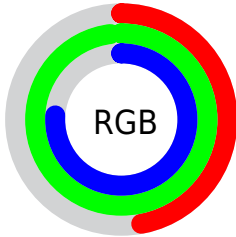
| Format | Color |
|-------------------------------------|---|
| RYB | 120, 202, 250 |
| Decimal | 7928515 |
| CIELab | 90.00, -48.53, 15.55 |
| CIELCh | 90, 50.963, 162.235 |
| Yxy | 76.3044, 0.2701, 0.3980 |
| Android (android.graphics.Color) | 4286118595 (0xFF78FAC3) |
| YUV | 204.8600, -4.8610, -74.4222 |
| Hunter-Lab | 87.3524, -47.0536, 17.9589 |

Details

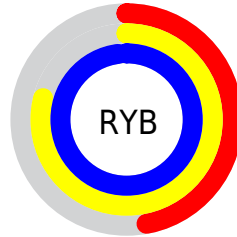
The RGB color **120, 250, 195** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **250, 120, 175**, and the grayscale version is **205, 205, 205**.

A 20% lighter version of the original color is **180, 255, 252**, and **55, 193, 141** is the 20% darker color. If you saturate the color by 10%, you get **95, 250, 184**, and if you desaturate by 10%, it is **145, 250, 206**.

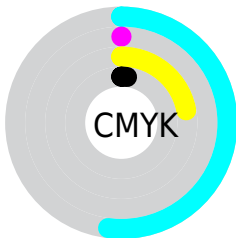
Distribution



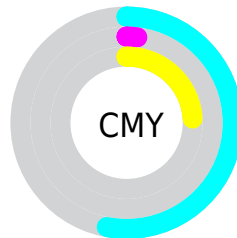
- Red (47%)
- Green (98%)
- Blue (76%)



- Red (47%)
- Yellow (79%)
- Blue (98%)



- Cyan (52%)
- Magenta (0%)
- Yellow (22%)
- Black (2%)



- Cyan (53%)
- Magenta (2%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the RGB color 120, 250, 195 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 120, 250, 195 by changing the saturation by 10% instead.

 120, 250, 195

255, 255, 255


 180, 255, 252

 209, 255, 255


 240, 255, 255


 120, 250, 195


 89, 221, 168


 55, 193, 141

 0, 165, 116

 0, 138, 91

 0, 112, 67

 0, 86, 45

 0, 62, 24

 0, 40, 0

 0, 0, 0

 120, 250, 195

 120, 250, 195

 95, 250, 184

 145, 250, 206

 70, 250, 174

 170, 250, 216

 45, 250, 163

 195, 250, 227

 20, 250, 153

 220, 250, 237

 0, 250, 144

 245, 250, 248

 255, 250, 255

Harmonies

Analogous

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



184, 243, 152



120, 250, 195



0, 252, 245

Triad

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



120, 250, 195



187, 224, 255



255, 197, 163

Complementary

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



120, 250, 195



250, 120, 175

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, 188, 208



120, 250, 195



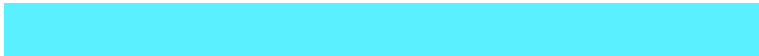
255, 206, 255

Square

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



120, 250, 195



91, 240, 255



255, 192, 255



255, 213, 134

Rectangle

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



120, 250, 195



0, 251, 255



255, 192, 255



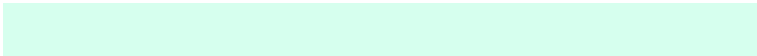
255, 193, 177

Sweetspot

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



120, 250, 195



214, 255, 238



176, 250, 120



103, 128, 117



0, 0, 0



128, 128, 128

Same Dimension

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



120, 250, 195



97, 255, 188



120, 241, 250



112, 125, 120



0, 189, 109



0, 61, 35

Inverse Universe

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



250, 120, 175



255, 97, 164



250, 129, 120



125, 112, 118



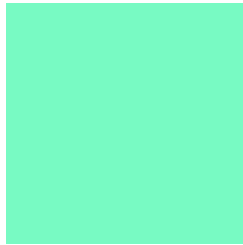
189, 0, 80



61, 0, 26

Previews

White Background



This preview shows how the RGB color 120, 250, 195 looks on a white background.

Color Contrast Check

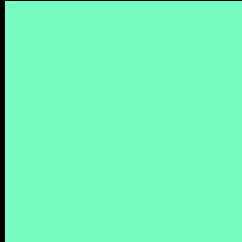
Large Text (above 18pt) WCAG AA × Fail

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 120, 250, 195 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

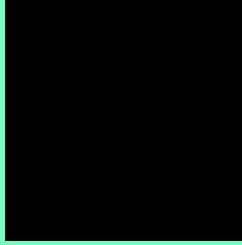
Any Text WCAG AA ✓ Pass

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 120, 250, 195 Background



This preview shows how black text looks on a background with the RGB color 120, 250, 195.

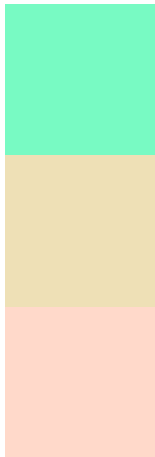


This preview shows how white text looks on a background with the RGB color 120, 250, 195.

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
120, 250, 195

Protanopia
238, 224, 182

Deuteranopia
255, 217, 202



Tritanopia
158, 239, 255

Trichromacy



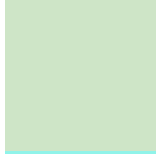
Original Color

120, 250, 195



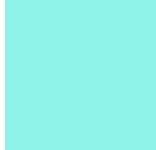
Protanomaly

195, 233, 187



Deuteranomaly

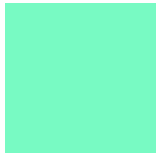
206, 229, 199



Tritanomaly

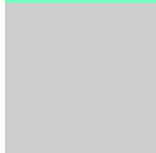
144, 243, 233

Monochromacy



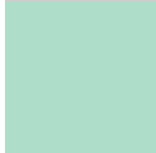
Original Color

120, 250, 195



Achromatopsia

205, 205, 205



Achromatomaly

174, 221, 201

CSS Examples

Text

The CSS property to change the color of the text to RGB 120, 250, 195 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(120, 250, 195)` looks like.

```
.text, #text, p{  
    color:rgb(120, 250, 195)  
}
```

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(120, 250, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 250, 195) }
```

Border

The CSS property to change the border of an element to RGB 120, 250, 195 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(120, 250, 195) }
```

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

```
.border{ border-color:rgb(120, 250, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 250, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 250, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 250, 195);  
box-shadow:4px 4px 4px 4px rgb(120, 250,  
195) }
```

Background

The CSS property to change the background color of an element to RGB 120, 250, 195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 250, 195) }
```

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

```
.background{ background-color: rgb(120,  
250, 195) }
```

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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