

Converting Colors

RGB(120, 237, 197)

Have a look what the booklet for
RGB(120, 237, 197) contains.

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Color

RGB(120, 237, 197)

Conversions

Conversions Part 1

Format	Color
Hex	78EDC5
RGB	120, 237, 197
RGB Percent	47%, 93%, 77%
CMY	0.5294, 0.0706, 0.2275
CMYK	0.49, 0.00, 0.17, 0.07
HSL	159°, 76%, 70%
HSV	159°, 49%, 93%
XYZ	48.1080, 68.5927, 63.5275
YIQ	197.4570, -56.8920, -37.2440

Conversions

Conversions Part 2

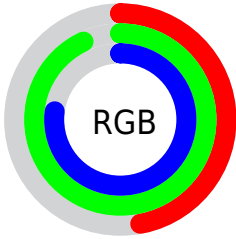
Format	Color
RYB	120, 191, 237
Decimal	7925189
CIELab	86.30, -42.49, 9.26
CIELCh	86, 43.484, 167.702
Yxy	68.5927, 0.2669, 0.3806
Android (android.graphics.Color)	4286115269 (0xFF78EDC5)
YUV	197.4570, -0.2253, -67.9298
Hunter-Lab	82.8207, -41.2511, 12.4962

Details

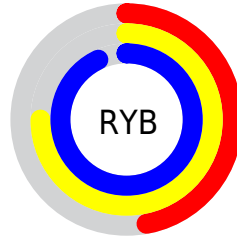
The RGB color **120, 237, 197** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **237, 120, 160**, and the grayscale version is **198, 198, 198**.

A 20% lighter version of the original color is **178, 255, 254**, and **58, 180, 143** is the 20% darker color. If you saturate the color by 10%, you get **96, 237, 189**, and if you desaturate by 10%, it is **144, 237, 205**.

Distribution



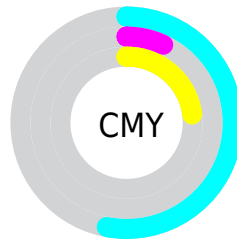
- Red (47%)
- Green (93%)
- Blue (77%)



- Red (47%)
- Yellow (75%)
- Blue (93%)



- Cyan (49%)
- Magenta (0%)
- Yellow (17%)
- Black (7%)



- Cyan (53%)
- Magenta (7%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the RGB color 120, 237, 197 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, 237, 197 by changing the saturation by 10% instead.

 120, 237, 197

255, 255, 255


 178, 255, 254


 208, 255, 255


 238, 255, 255

 120, 237, 197

 90, 208, 170

 58, 180, 143

 13, 153, 118

 0, 127, 93

 0, 101, 69

 0, 76, 47

 0, 52, 26

 0, 30, 0

 0, 0, 0

 120, 237, 197

 120, 237, 197

 96, 237, 189

 144, 237, 205

 73, 237, 181

 167, 237, 213

 49, 237, 173

 191, 237, 221

 25, 237, 165

 215, 237, 229

 2, 237, 156

 238, 237, 238

 0, 237, 156

 255, 237, 246

 255, 237, 254

 255, 237, 255

Harmonies

Analogous

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



172, 231, 159



120, 237, 197



66, 238, 240

Triad

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



120, 237, 197



196, 211, 255



255, 194, 157

Complementary

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



120, 237, 197



237, 120, 160

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, 185, 193



120, 237, 197



251, 197, 255

Square

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



120, 237, 197



128, 225, 255



255, 186, 235



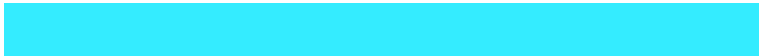
255, 208, 135

Rectangle

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



120, 237, 197



52, 236, 255



255, 186, 235



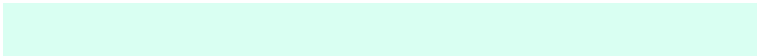
255, 190, 168

Sweetspot

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



120, 237, 197



217, 255, 242



161, 237, 120



105, 128, 120



0, 0, 0



128, 128, 128

Same Dimension

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



120, 237, 197



105, 255, 204



120, 219, 237



106, 117, 113



0, 181, 119



0, 54, 35

Inverse Universe

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



237, 120, 160



255, 105, 156



237, 138, 120



117, 106, 110



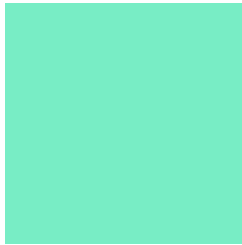
181, 0, 62



54, 0, 18

Previews

White Background



This preview shows how the RGB color 120, 237, 197 looks on a white background.

Color Contrast Check

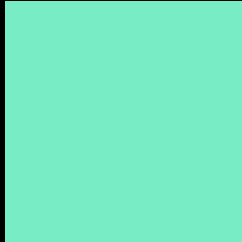
Large Text (above 18pt) WCAG AA × Fail

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, 237, 197 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

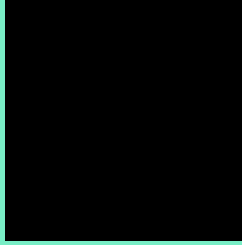
Any Text WCAG AA ✓ Pass

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, 237, 197 Background



This preview shows how black text looks on a background with the RGB color 120, 237, 197.

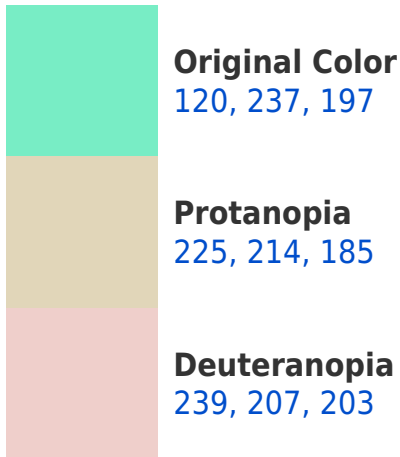


This preview shows how white text looks on a background with the RGB color 120, 237, 197.

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
135, 230, 248

Trichromacy



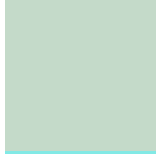
Original Color

120, 237, 197



Protanomaly

187, 222, 189



Deuteranomaly

196, 218, 201



Tritanomaly

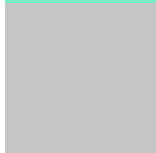
130, 233, 229

Monochromacy



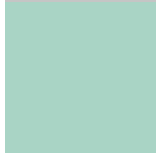
Original Color

120, 237, 197



Achromatopsia

197, 197, 197



Achromatomaly

169, 212, 197

CSS Examples

Text

The CSS property to change the color of the text to RGB 120, 237, 197 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, 237, 197)` looks like.

```
.text, #text, p{  
    color:rgb(120, 237, 197)  
}
```

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, 237, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 237, 197) }
```

Border

The CSS property to change the border of an element to RGB 120, 237, 197 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, 237, 197) }
```

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

```
.border{ border-color:rgb(120, 237, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 237, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 237, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 237, 197);  
box-shadow:4px 4px 4px 4px rgb(120, 237,  
197) }
```

Background

The CSS property to change the background color of an element to RGB 120, 237, 197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 237, 197) }
```

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

```
.background{ background-color: rgb(120,  
237, 197) }
```

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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