

Converting Colors

RGB(78, 236, 197)

Have a look what the booklet for
RGB(78, 236, 197) contains.

RGB(78, 236, 197)	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(78, 236, 197)

Conversions

Conversions Part 1

Format	Color
Hex	4EECC5
RGB	78, 236, 197
RGB Percent	31%, 93%, 77%
CMY	0.6941, 0.0745, 0.2275
CMYK	0.67, 0.00, 0.17, 0.07
HSL	165°, 81%, 62%
HSV	165°, 67%, 93%
XYZ	43.2154, 65.6418, 63.2158
YIQ	184.3120, -81.6490, -45.6250

Conversions

Conversions Part 2

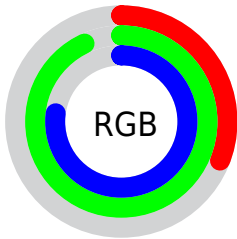
Format	Color
RYB	78, 168, 236
Decimal	5172421
CIELab	84.81, -50.06, 6.97
CIELCh	85, 50.547, 172.075
Yxy	65.6418, 0.2511, 0.3815
Android (android.graphics.Color)	4283362501 (0xFF4EECC5)
YUV	184.3120, 6.2552, -93.2356
Hunter-Lab	81.0196, -46.5736, 10.4526

Details

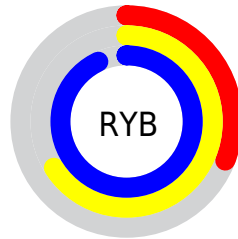
The RGB color **78, 236, 197** is a light color, and the websafe version is hex **66FFCC**. The color can be described as light muted cyan. A complement of this color would be **236, 78, 117**, and the grayscale version is **184, 184, 184**.

A 20% lighter version of the original color is **144, 255, 254**, and **0, 179, 143** is the 20% darker color. If you saturate the color by 10%, you get **54, 236, 191**, and if you desaturate by 10%, it is **102, 236, 203**.

Distribution



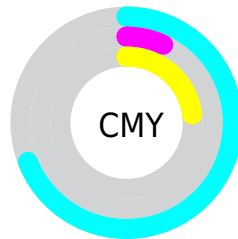
- Red (31%)
- Green (93%)
- Blue (77%)



- Red (31%)
- Yellow (66%)
- Blue (93%)



- Cyan (67%)
- Magenta (0%)
- Yellow (17%)
- Black (7%)



















- Cyan (69%)
- Magenta (7%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the RGB color 78, 236, 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 78, 236, 197 by changing the saturation by 10% instead.

 78, 236, 197	 78, 236, 197
 255, 255, 255	 33, 207, 170
 144, 255, 254	 0, 179, 143
 175, 255, 255	 0, 152, 118
 206, 255, 255	 0, 125, 93
 237, 255, 255	 0, 99, 69
	 0, 74, 47
	 0, 50, 26
	 0, 26, 0
	 0, 0, 0

 78, 236, 197

 78, 236, 197

 54, 236, 191

 102, 236, 203

 31, 236, 185

 125, 236, 209

 7, 236, 180

 149, 236, 214

 0, 236, 178

 172, 236, 220

 196, 236, 226

 220, 236, 232

 243, 236, 238

 255, 236, 244

 255, 236, 249

Harmonies

Analogous

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



151, 230, 151



78, 236, 197



0, 236, 246

Triad

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



78, 236, 197



197, 204, 255



255, 188, 138

Complementary

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



78, 236, 197



236, 78, 117

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, 175, 178



78, 236, 197



255, 186, 255

Square

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



78, 236, 197



110, 220, 255



255, 175, 226



253, 205, 116

Rectangle

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



78, 236, 197



0, 234, 255



255, 175, 226



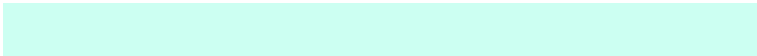
255, 183, 150

Sweetspot

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



78, 236, 197



204, 255, 242



118, 236, 78



97, 128, 120



0, 0, 0



128, 128, 128

Same Dimension

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



78, 236, 197



51, 255, 205



78, 196, 236



106, 117, 114



0, 181, 136



0, 54, 40

Inverse Universe

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



236, 78, 117



255, 51, 101



236, 118, 78



117, 106, 108



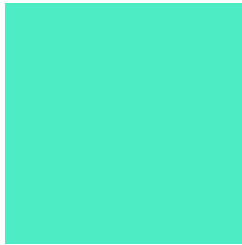
181, 0, 45



54, 0, 13

Previews

White Background



This preview shows how the RGB color 78, 236, 197 looks on a white background.

Color Contrast Check

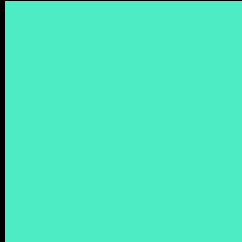
Large Text (above 18pt) WCAG AA × Fail

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 78, 236, 197 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

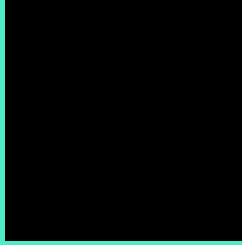
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

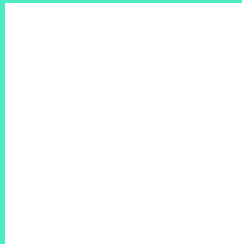
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 78, 236, 197 Background



This preview shows how black text looks on a background with the RGB color 78, 236, 197.

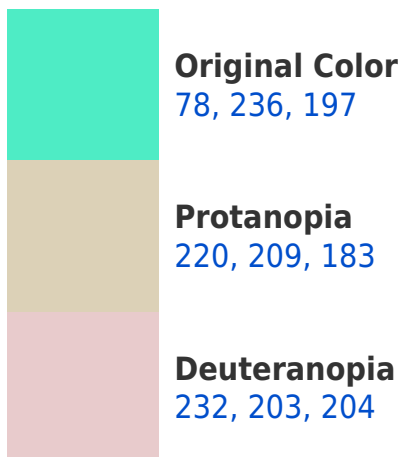


This preview shows how white text looks on a background with the RGB color 78, 236, 197.

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
100, 229, 248

Trichromacy



Original Color

78, 236, 197



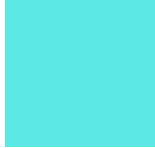
Protanomaly

168, 219, 188



Deuteranomaly

176, 215, 201



Tritanomaly

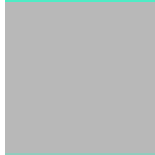
92, 232, 229

Monochromacy



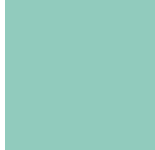
Original Color

78, 236, 197



Achromatopsia

184, 184, 184



Achromatomaly

145, 203, 189

CSS Examples

Text

The CSS property to change the color of the text to RGB 78, 236, 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(78, 236, 197)` looks like.

```
.text, #text, p{  
    color:rgb(78, 236, 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(78, 236, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 236, 197) }
```

Border

The CSS property to change the border of an element to RGB 78, 236, 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(78, 236, 197) }
```

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

```
.border{ border-color:rgb(78, 236, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(78, 236, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 236, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 236, 197);  
box-shadow:4px 4px 4px 4px rgb(78, 236,  
197) }
```

Background

The CSS property to change the background color of an element to RGB 78, 236, 197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 236, 197) }
```

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

```
.background{ background-color: rgb(78, 236,  
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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