

Converting Colors

RGB(124, 227, 197)

Have a look what the booklet for
RGB(124, 227, 197) contains.

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Color

RGB(124, 227, 197)

Conversions

Conversions Part 1

Format	Color
Hex	7CE3C5
RGB	124, 227, 197
RGB Percent	49%, 89%, 77%
CMY	0.5137, 0.1098, 0.2275
CMYK	0.45, 0.00, 0.13, 0.11
HSL	163°, 65%, 69%
HSV	163°, 45%, 89%
XYZ	45.8593, 63.2545, 62.6156
YIQ	192.7830, -51.7580, -31.1660

Conversions

Conversions Part 2

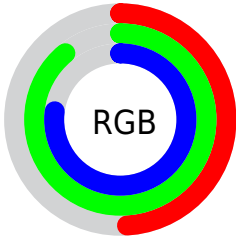
Format	Color
RYB	124, 184, 227
Decimal	8184773
CIELab	83.58, -37.04, 5.37
CIELCh	84, 37.431, 171.759
Yxy	63.2545, 0.2670, 0.3683
Android (android.graphics.Color)	4286374853 (0xFF7CE3C5)
YUV	192.7830, 2.0790, -60.3227
Hunter-Lab	79.5327, -36.2574, 8.9942

Details

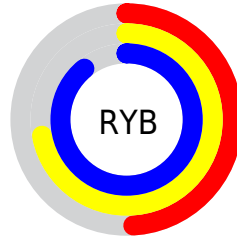
The RGB color **124, 227, 197** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **227, 124, 154**, and the grayscale version is **193, 193, 193**.

A 20% lighter version of the original color is **181, 255, 254**, and **66, 171, 143** is the 20% darker color. If you saturate the color by 10%, you get **101, 227, 190**, and if you desaturate by 10%, it is **147, 227, 204**.

Distribution



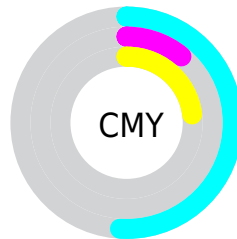
- Red (49%)
- Green (89%)
- Blue (77%)



- Red (49%)
- Yellow (72%)
- Blue (89%)



- Cyan (45%)
- Magenta (0%)
- Yellow (13%)
- Black (11%)



- Cyan (51%)
- Magenta (11%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the RGB color 124, 227, 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 124, 227, 197 by changing the saturation by 10% instead.

 124, 227, 197


255, 255, 255


 181, 255, 254


 211, 255, 255


 240, 255, 255

 124, 227, 197

 95, 199, 170

 66, 171, 143

 31, 144, 118

 0, 118, 93

 0, 93, 69

 0, 68, 47


 0, 45, 26

 0, 21, 0

 0, 0, 0

 124, 227, 197

 124, 227, 197

 101, 227, 190

 147, 227, 204

 79, 227, 184

 169, 227, 210

 56, 227, 177

 192, 227, 217

 33, 227, 171

 215, 227, 223

 11, 227, 164

 238, 227, 230

 0, 227, 161

 255, 227, 237

 255, 227, 243

 255, 227, 250

 255, 227, 255

Harmonies

Analogous

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



166, 223, 164



124, 227, 197



92, 227, 233

Triad

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



124, 227, 197



199, 203, 255



255, 191, 154

Complementary

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



124, 227, 197



227, 124, 154

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, 183, 184



124, 227, 197



244, 190, 252

Square

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



124, 227, 197



146, 215, 255



255, 183, 220



242, 203, 139

Rectangle

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



124, 227, 197



91, 225, 254



255, 183, 220



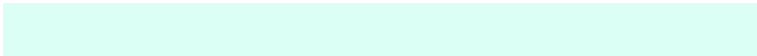
255, 188, 163

Sweetspot

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



124, 227, 197



219, 255, 245



155, 227, 124



106, 128, 121



0, 0, 0



128, 128, 128

Same Dimension

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



124, 227, 197



117, 255, 215



124, 206, 227



103, 115, 111



0, 179, 127



0, 51, 36

Inverse Universe

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



227, 124, 154



255, 117, 157



227, 145, 124



115, 103, 107



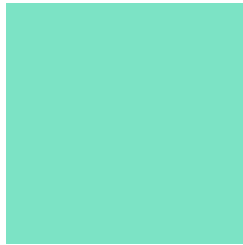
179, 0, 52



51, 0, 15

Previews

White Background



This preview shows how the RGB color 124, 227, 197 looks on a white background.

Color Contrast Check

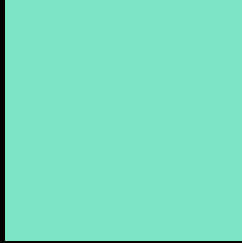
Large Text (above 18pt) WCAG AA × Fail

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 124, 227, 197 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

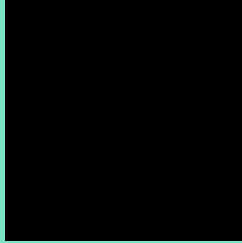
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

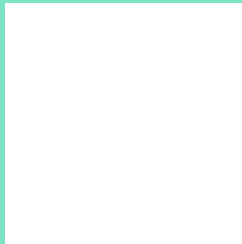
Any Text WCAG AAA ✓ Pass

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

RGB 124, 227, 197 Background



This preview shows how black text looks on a background with the RGB color 124, 227, 197.

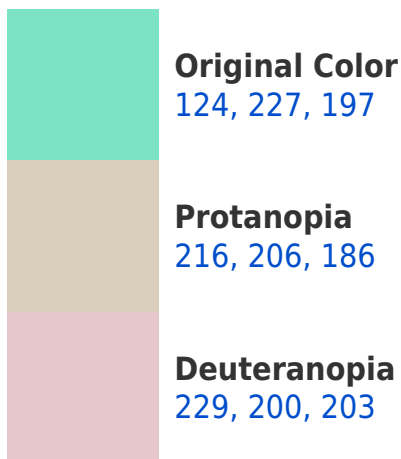


This preview shows how white text looks on a background with the RGB color 124, 227, 197.

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, 221, 239

Trichromacy



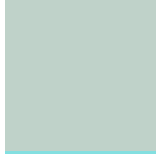
Original Color

124, 227, 197



Protanomaly

183, 214, 190



Deuteranomaly

191, 210, 201



Tritanomaly

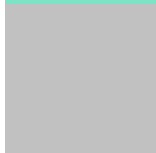
131, 223, 224

Monochromacy



Original Color

124, 227, 197



Achromatopsia

193, 193, 193



Achromatomaly

168, 205, 194

CSS Examples

Text

The CSS property to change the color of the text to RGB 124, 227, 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(124, 227, 197)` looks like.

```
.text, #text, p{  
    color:rgb(124, 227, 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(124, 227, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 227, 197) }
```

Border

The CSS property to change the border of an element to RGB 124, 227, 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(124, 227, 197) }
```

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

```
.border{ border-color:rgb(124, 227, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 227, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(124, 227, 197); -webkit-box-shadow:4px 4px 4px 4px rgb(124, 227, 197); box-shadow:4px 4px 4px 4px rgb(124, 227, 197) }
```

Background

The CSS property to change the background color of an element to RGB 124, 227, 197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 227, 197) }
```

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

```
.background{ background-color: rgb(124,  
227, 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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