

Converting Colors

RGB(124, 233, 176)

Have a look what the booklet for
RGB(124, 233, 176) contains.

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Color

RGB(124, 233, 176)

Conversions

Conversions Part 1

Format	Color
Hex	7CE9B0
RGB	124, 233, 176
RGB Percent	49%, 91%, 69%
CMY	0.5137, 0.0863, 0.3098
CMYK	0.47, 0.00, 0.24, 0.09
HSL	149°, 71%, 70%
HSV	149°, 47%, 91%
XYZ	45.2876, 65.6975, 51.3683
YIQ	193.9110, -46.6670, -40.8350

Conversions

Conversions Part 2

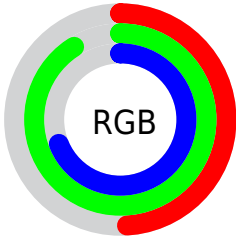
Format	Color
RYB	124, 198, 233
Decimal	8186288
CIELab	84.84, -44.14, 18.17
CIELCh	85, 47.731, 157.624
Yxy	65.6975, 0.2789, 0.4047
Android (android.graphics.Color)	4286376368 (0xFF7CE9B0)
YUV	193.9110, -8.8301, -61.3119
Hunter-Lab	81.0540, -42.1106, 19.1625

Details

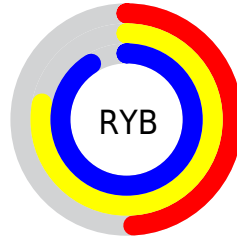
The RGB color **124, 233, 176** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **233, 124, 181**, and the grayscale version is **194, 194, 194**.

A 20% lighter version of the original color is **182, 255, 232**, and **65, 177, 123** is the 20% darker color. If you saturate the color by 10%, you get **101, 233, 164**, and if you desaturate by 10%, it is **147, 233, 188**.

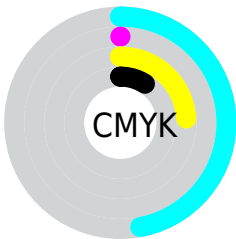
Distribution



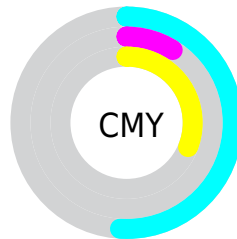
- Red (49%)
- Green (91%)
- Blue (69%)



- Red (49%)
- Yellow (78%)
- Blue (91%)



- Cyan (47%)
- Magenta (0%)
- Yellow (24%)
- Black (9%)



- Cyan (51%)
- Magenta (9%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the RGB color 124, 233, 176 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, 233, 176 by changing the saturation by 10% instead.

 124, 233, 176

255, 255, 255


 182, 255, 232


 211, 255, 255


 240, 255, 255

 124, 233, 176

 95, 204, 149


 65, 177, 123

 30, 149, 98

 0, 123, 74

 0, 97, 51

 0, 73, 29


 0, 49, 6

 0, 26, 0

 0, 0, 0

 124, 233, 176

 124, 233, 176

 101, 233, 164

 147, 233, 188

 77, 233, 152

 171, 233, 200

 54, 233, 139

 194, 233, 213

 31, 233, 127

 217, 233, 225

 8, 233, 115

 241, 233, 237

 0, 233, 111

 255, 233, 249

 255, 233, 255

Harmonies

Analogous

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



181, 225, 139



124, 233, 176



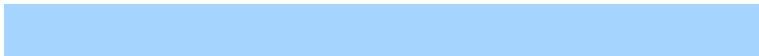
44, 236, 222

Triad

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



124, 233, 176



164, 212, 255



255, 183, 159

Complementary

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



124, 233, 176



233, 124, 181

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, 176, 202



124, 233, 176



232, 196, 255

Square

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



124, 233, 176



73, 226, 255



255, 181, 247



255, 197, 129

Rectangle

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



124, 233, 176



0, 235, 252



255, 181, 247



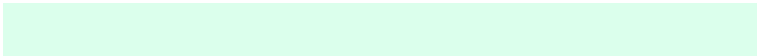
255, 179, 172

Sweetspot

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



124, 233, 176



219, 255, 236



182, 233, 124



106, 128, 116



0, 0, 0



128, 128, 128

Same Dimension

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



124, 233, 176



112, 255, 180



124, 233, 229



106, 117, 111



0, 181, 86



0, 54, 26

Inverse Universe

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



233, 124, 181



255, 112, 187



233, 124, 128



117, 106, 112



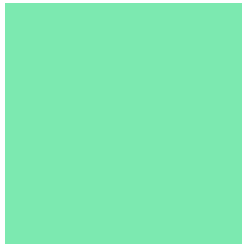
181, 0, 95



54, 0, 28

Previews

White Background



This preview shows how the RGB color 124, 233, 176 looks on a white background.

Color Contrast Check

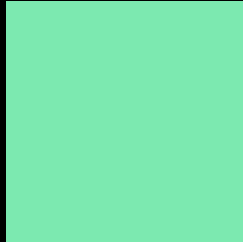
Large Text (above 18pt) WCAG AA × Fail

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, 233, 176 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

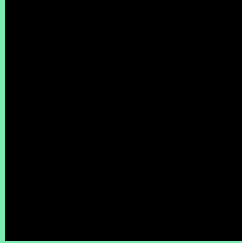
Any Text WCAG AA ✓ Pass

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, 233, 176 Background



This preview shows how black text looks on a background with the RGB color 124, 233, 176.

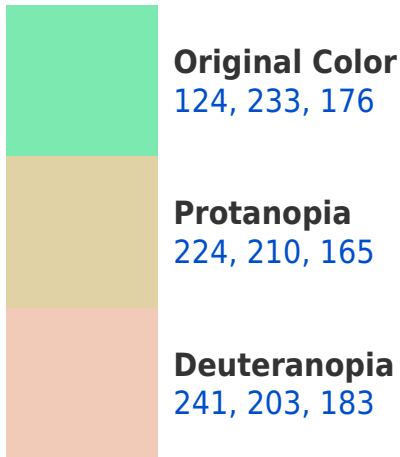


This preview shows how white text looks on a background with the RGB color 124, 233, 176.

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
141, 224, 242

Trichromacy



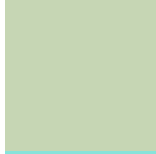
Original Color

124, 233, 176



Protanomaly

188, 218, 169



Deuteranomaly

198, 214, 180



Tritanomaly

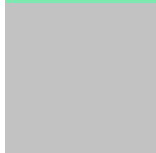
135, 227, 218

Monochromacy



Original Color

124, 233, 176



Achromatopsia

194, 194, 194



Achromatomaly

169, 208, 187

CSS Examples

Text

The CSS property to change the color of the text to RGB 124, 233, 176 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, 233, 176)` looks like.

```
.text, #text, p{  
    color:rgb(124, 233, 176)  
}
```

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, 233, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 233, 176) }
```

Border

The CSS property to change the border of an element to RGB 124, 233, 176 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, 233, 176) }
```

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

```
.border{ border-color:rgb(124, 233, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 233, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 233, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 233, 176);  
box-shadow:4px 4px 4px 4px rgb(124, 233,  
176) }
```

Background

The CSS property to change the background color of an element to RGB 124, 233, 176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 233, 176) }
```

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

```
.background{ background-color: rgb(124,  
233, 176) }
```

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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