

Converting Colors

RGB(124, 224, 178)

Have a look what the booklet for
RGB(124, 224, 178) contains.

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Color

RGB(124, 224, 178)

Conversions

Conversions Part 1

Format	Color
Hex	7CE0B2
RGB	124, 224, 178
RGB Percent	49%, 88%, 70%
CMY	0.5137, 0.1216, 0.3020
CMYK	0.45, 0.00, 0.21, 0.12
HSL	152°, 62%, 68%
HSV	152°, 45%, 88%
XYZ	43.0037, 60.8107, 51.5906
YIQ	188.8560, -44.8340, -35.5060

Conversions

Conversions Part 2

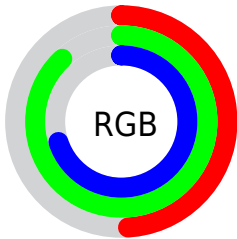
Format	Color
RYB	124, 189, 224
Decimal	8183986
CIELab	82.28, -39.76, 13.52
CIELCh	82, 41.996, 161.215
Yxy	60.8107, 0.2767, 0.3913
Android (android.graphics.Color)	4286374066 (0xFF7CE0B2)
YUV	188.8560, -5.3520, -56.8787
Hunter-Lab	77.9812, -38.0312, 15.3620

Details

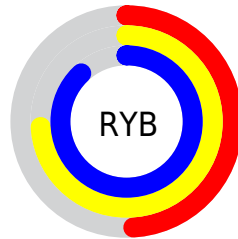
The RGB color **124, 224, 178** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **224, 124, 170**, and the grayscale version is **189, 189, 189**.

A 20% lighter version of the original color is **181, 255, 234**, and **67, 168, 125** is the 20% darker color. If you saturate the color by 10%, you get **102, 224, 168**, and if you desaturate by 10%, it is **146, 224, 188**.

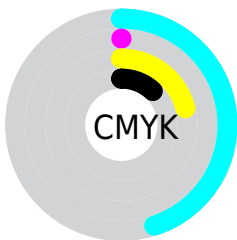
Distribution



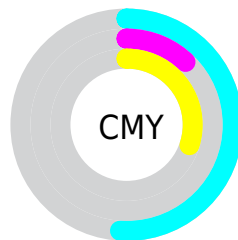
- Red (49%)
- Green (88%)
- Blue (70%)



- Red (49%)
- Yellow (74%)
- Blue (88%)



- Cyan (45%)
- Magenta (0%)
- Yellow (21%)
- Black (12%)



- Cyan (51%)
- Magenta (12%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the RGB color 124, 224, 178 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, 224, 178 by changing the saturation by 10% instead.

 124, 224, 178


255, 255, 255


 181, 255, 234


 210, 255, 255


 239, 255, 255

 124, 224, 178


 96, 196, 151

 67, 168, 125

 34, 141, 100

 0, 115, 76

 0, 90, 53

 0, 66, 32

 0, 43, 9

 0, 15, 0

 0, 0, 0

 124, 224, 178

 124, 224, 178

 102, 224, 168

 146, 224, 188

 79, 224, 157

 169, 224, 199

 57, 224, 147

 191, 224, 209

 34, 224, 137

 214, 224, 219

 12, 224, 126

 236, 224, 230

 0, 224, 121

 255, 224, 240

 255, 224, 250

 255, 224, 255

Harmonies

Analogous

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



173, 218, 144



124, 224, 178



71, 226, 219

Triad

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



124, 224, 178



172, 203, 255



255, 181, 155

Complementary

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



124, 224, 178



224, 124, 170

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, 174, 191



124, 224, 178



228, 189, 255

Square

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



124, 224, 178



106, 216, 255



255, 177, 231



252, 194, 130

Rectangle

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



124, 224, 178



45, 225, 244



255, 177, 231



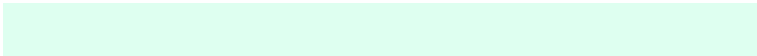
255, 178, 166

Sweetspot

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



124, 224, 178



222, 255, 240



171, 224, 124



107, 128, 118



0, 0, 0



128, 128, 128

Same Dimension

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



124, 224, 178



117, 255, 192



124, 221, 224



101, 112, 107



0, 176, 95



0, 48, 26

Inverse Universe

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



224, 124, 170



255, 117, 181



224, 127, 124



112, 101, 106



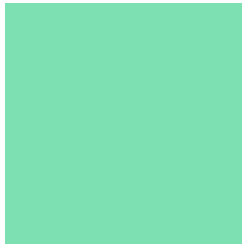
176, 0, 81



48, 0, 22

Previews

White Background



This preview shows how the RGB color 124, 224, 178 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, 224, 178 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, 224, 178 Background



This preview shows how black text looks on a background with the RGB color 124, 224, 178.

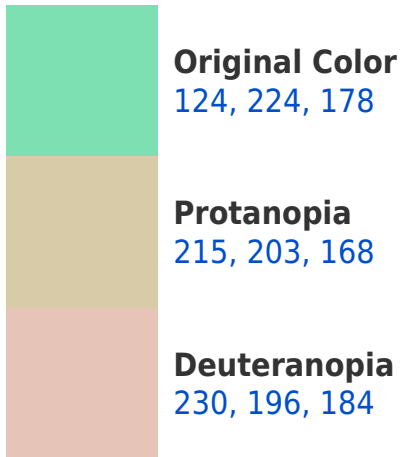


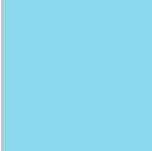
This preview shows how white text looks on a background with the RGB color 124, 224, 178.

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
138, 216, 234

Trichromacy



Original Color

124, 224, 178



Protanomaly

182, 211, 172



Deuteranomaly

191, 206, 182



Tritanomaly

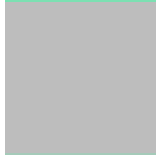
133, 219, 214

Monochromacy



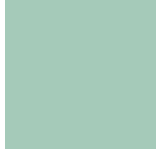
Original Color

124, 224, 178



Achromatopsia

189, 189, 189



Achromatomaly

165, 202, 185

CSS Examples

Text

The CSS property to change the color of the text to RGB 124, 224, 178 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, 224, 178)` looks like.

```
.text, #text, p{  
    color:rgb(124, 224, 178)  
}
```

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, 224, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 224, 178) }
```

Border

The CSS property to change the border of an element to RGB 124, 224, 178 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, 224, 178) }
```

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

```
.border{ border-color:rgb(124, 224, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 224, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(124, 224, 178); -webkit-box-shadow:4px 4px 4px 4px rgb(124, 224, 178); box-shadow:4px 4px 4px 4px rgb(124, 224, 178) }
```

Background

The CSS property to change the background color of an element to RGB 124, 224, 178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 224, 178) }
```

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

```
.background{ background-color: rgb(124,  
224, 178) }
```

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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