

Converting Colors

RGB(64, 234, 179)

Have a look what the booklet for
RGB(64, 234, 179) contains.

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Color

RGB(64, 234, 179)

Conversions

Conversions Part 1

Format	Color
Hex	40EAB3
RGB	64, 234, 179
RGB Percent	25%, 92%, 70%
CMY	0.7490, 0.0824, 0.2980
CMYK	0.73, 0.00, 0.24, 0.08
HSL	161°, 80%, 58%
HSV	161°, 73%, 92%
XYZ	39.6739, 63.1903, 52.7537
YIQ	176.9000, -83.6650, -53.1450

Conversions

Conversions Part 2

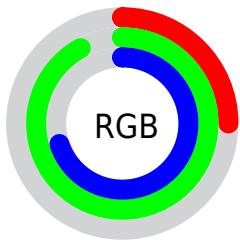
Format	Color
RYB	64, 165, 234
Decimal	4254387
CIELab	83.54, -55.39, 14.54
CIELCh	84, 57.266, 165.289
Yxy	63.1903, 0.2549, 0.4061
Android (android.graphics.Color)	4282444467 (0xFF40EAB3)
YUV	176.9000, 1.0353, -99.0133
Hunter-Lab	79.4923, -50.0239, 16.2978




Details

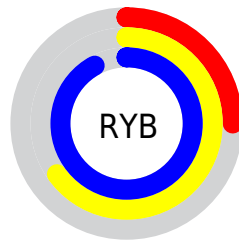
The RGB color **64, 234, 179** is a light color, and the websafe version is hex **66FFCC**. The color can be described as light muted spring green. A complement of this color would be **234, 64, 119**, and the grayscale version is **177, 177, 177**.




A 20% lighter version of the original color is **134, 255, 235**, and **0, 177, 126** is the 20% darker color. If you saturate the color by 10%, you get **41, 234, 171**, and if you desaturate by 10%, it is **87, 234, 187**.

Distribution







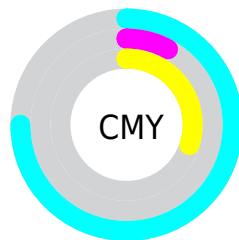
-  Red (25%)
-  Green (92%)
-  Blue (70%)






-  Red (25%)
-  Yellow (65%)
-  Blue (92%)



-  Cyan (73%)
-  Magenta (0%)
-  Yellow (24%)
-  Black (8%)



















-  Cyan (75%)
-  Magenta (8%)
-  Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the RGB color 64, 234, 179 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 64, 234, 179 by changing the saturation by 10% instead.

 64, 234, 179	 64, 234, 179
 255, 255, 255	 0, 205, 152
 134, 255, 235	 0, 177, 126
 165, 255, 255	 0, 150, 101
 196, 255, 255	 0, 123, 77
 227, 255, 255	 0, 97, 54
	 0, 72, 32
	 0, 49, 10
	 0, 21, 0
	 0, 0, 0

■ 64, 234, 179

■ 64, 234, 179

■ 41, 234, 171

■ 87, 234, 187

■ 17, 234, 164

■ 111, 234, 194

■ 0, 234, 158

■ 134, 234, 202

■ 158, 234, 209

■ 181, 234, 217

■ 204, 234, 224

■ 228, 234, 232

■ 251, 234, 240

■ 255, 234, 247

Harmonies

Analogous

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



153, 227, 130



64, 234, 179



0, 236, 235

Triad

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



64, 234, 179



169, 204, 255



255, 176, 134

Complementary

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



64, 234, 179



234, 64, 119

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, 164, 183



64, 234, 179



248, 183, 255

Square

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



64, 234, 179



0, 221, 255



255, 167, 237



255, 196, 102

Rectangle

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



64, 234, 179



0, 234, 255



255, 167, 237



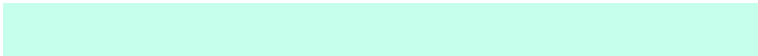
255, 171, 149

Sweetspot

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



64, 234, 179



199, 255, 237



121, 234, 64



94, 128, 117



0, 0, 0



128, 128, 128

Same Dimension

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



64, 234, 179



33, 255, 183



64, 206, 234



106, 117, 114



0, 181, 122



0, 54, 36

Inverse Universe

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



234, 64, 119



255, 33, 105



234, 92, 64



117, 106, 109



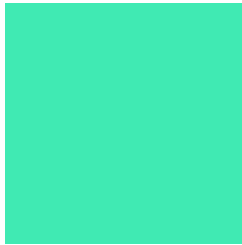
181, 0, 59



54, 0, 17

Previews

White Background



This preview shows how the RGB color 64, 234, 179 looks on a white background.

Color Contrast Check

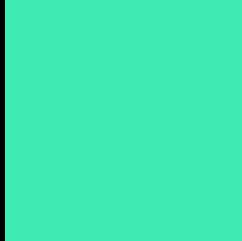
Large Text (above 18pt) WCAG AA × Fail

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 64, 234, 179 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

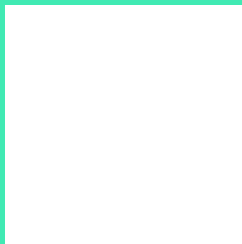
Any Text WCAG AAA ✓ Pass

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

RGB 64, 234, 179 Background



This preview shows how black text looks on a background with the RGB color 64, 234, 179.

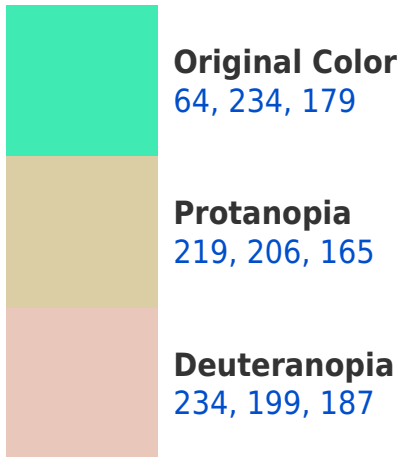


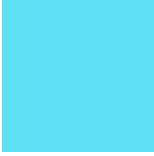
This preview shows how white text looks on a background with the RGB color 64, 234, 179.

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
95, 225, 244

Trichromacy



Original Color

64, 234, 179



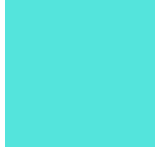
Protanomaly

163, 216, 170



Deuteranomaly

172, 212, 184



Tritanomaly

84, 228, 220

Monochromacy



Original Color

64, 234, 179



Achromatopsia

177, 177, 177



Achromatomaly

136, 198, 178

CSS Examples

Text

The CSS property to change the color of the text to RGB 64, 234, 179 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(64, 234, 179)` looks like.

```
.text, #text, p{  
    color:rgb(64, 234, 179)  
}
```

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(64, 234, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 234, 179) }
```

Border

The CSS property to change the border of an element to RGB 64, 234, 179 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(64, 234, 179) }
```

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

```
.border{ border-color:rgb(64, 234, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(64, 234, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 234, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 234, 179);  
box-shadow:4px 4px 4px 4px rgb(64, 234,  
179) }
```

Background

The CSS property to change the background color of an element to RGB 64, 234, 179 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 234, 179) }
```

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

```
.background{ background-color: rgb(64, 234,  
179) }
```

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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