

Converting Colors

RGB(96, 224, 178)

Have a look what the booklet for
RGB(96, 224, 178) contains.

RGB(96, 224, 178)	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(96, 224, 178)

Conversions

Conversions Part 1

Format	Color
Hex	60E0B2
RGB	96, 224, 178
RGB Percent	38%, 88%, 70%
CMY	0.6235, 0.1216, 0.3020
CMYK	0.57, 0.00, 0.21, 0.12
HSL	158°, 67%, 63%
HSV	158°, 57%, 88%
XYZ	39.5154, 59.0125, 51.4273
YIQ	180.4840, -61.5220, -41.4420

Conversions

Conversions Part 2

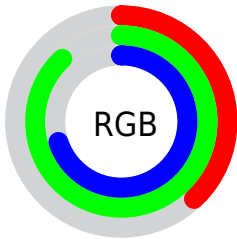
Format	Color
RYB	96, 174, 224
Decimal	6348978
CIELab	81.30, -46.21, 12.00
CIELCh	81, 47.748, 165.443
Yxy	59.0125, 0.2635, 0.3935
Android (android.graphics.Color)	4284539058 (0xFF60E0B2)
YUV	180.4840, -1.2246, -74.0925
Hunter-Lab	76.8196, -42.6152, 14.0816

Details

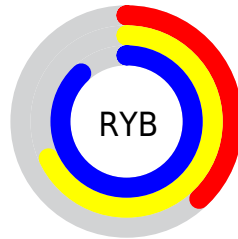
The RGB color **96, 224, 178** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **224, 96, 142**, and the grayscale version is **181, 181, 181**.

A 20% lighter version of the original color is **156, 255, 234**, and **19, 168, 125** is the 20% darker color. If you saturate the color by 10%, you get **74, 224, 170**, and if you desaturate by 10%, it is **118, 224, 186**.

Distribution



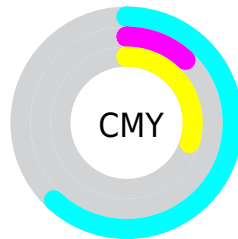
- Red (38%)
- Green (88%)
- Blue (70%)



- Red (38%)
- Yellow (68%)
- Blue (88%)



- Cyan (57%)
- Magenta (0%)
- Yellow (21%)
- Black (12%)



















- Cyan (62%)
- Magenta (12%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the RGB color 96, 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 96, 224, 178 by changing the saturation by 10% instead.

 96, 224, 178	 96, 224, 178
 255, 255, 255	 64, 196, 151
 156, 255, 234	 19, 168, 125
 186, 255, 255	 0, 141, 100
 215, 255, 255	 0, 115, 76
 246, 255, 255	 0, 89, 53
	 0, 65, 32
	 0, 43, 10
	 0, 9, 0
	 0, 0, 0

 96, 224, 178

 96, 224, 178

 74, 224, 170

 118, 224, 186

 51, 224, 162

 141, 224, 194

 29, 224, 154

 163, 224, 202

 6, 224, 146

 186, 224, 210

 0, 224, 144

 208, 224, 218

 230, 224, 226

 253, 224, 234

 255, 224, 242

 255, 224, 250

Harmonies

Analogous

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



157, 218, 137



96, 224, 178



0, 225, 224

Triad

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



96, 224, 178



173, 198, 255



255, 176, 140

Complementary

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



96, 224, 178



224, 96, 142

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, 167, 180



96, 224, 178



236, 182, 255

Square

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



96, 224, 178



86, 213, 255



255, 169, 226



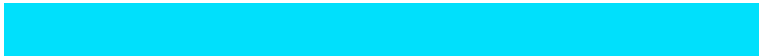
249, 192, 115

Rectangle

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



96, 224, 178



0, 224, 252



255, 169, 226



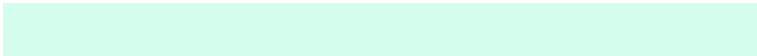
255, 172, 152

Sweetspot

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



96, 224, 178



212, 255, 239



143, 224, 96



102, 128, 118



0, 0, 0



128, 128, 128

Same Dimension

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



96, 224, 178



79, 255, 192



96, 207, 224



101, 112, 108



0, 176, 113



0, 48, 31

Inverse Universe

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



224, 96, 142



255, 79, 142



224, 113, 96



112, 101, 105



176, 0, 63



48, 0, 17

Previews

White Background



This preview shows how the RGB color 96, 224, 178 looks on a white background.

Color Contrast Check

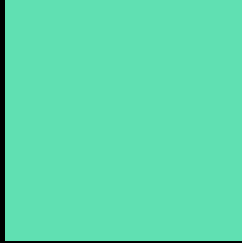
Large Text (above 18pt) WCAG AA × Fail

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 96, 224, 178 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

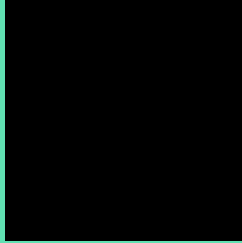
Any Text WCAG AA ✓ Pass

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 96, 224, 178 Background



This preview shows how black text looks on a background with the RGB color 96, 224, 178.

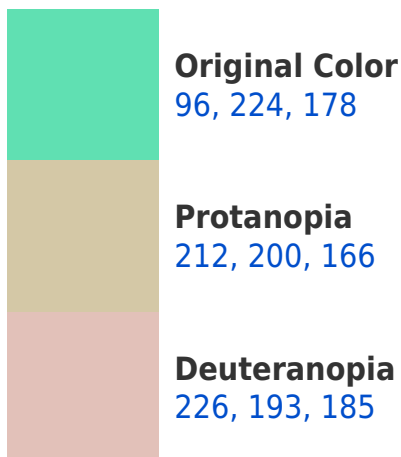



This preview shows how white text looks on a background with the RGB color 96, 224, 178.

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
114, 216, 234

Trichromacy



Original Color

96, 224, 178



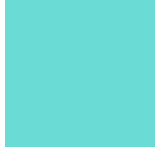
Protanomaly

170, 209, 170



Deuteranomaly

179, 204, 182



Tritanomaly

107, 219, 214

Monochromacy



Original Color

96, 224, 178



Achromatopsia

180, 180, 180



Achromatomaly

149, 196, 179

CSS Examples

Text

The CSS property to change the color of the text to RGB 96, 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(96, 224, 178)` looks like.

```
.text, #text, p{  
    color:rgb(96, 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(96, 224, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 224, 178) }
```

Border

The CSS property to change the border of an element to RGB 96, 224, 178 is called "border". The border property can be set on classes, ids or directly on the HTML element.

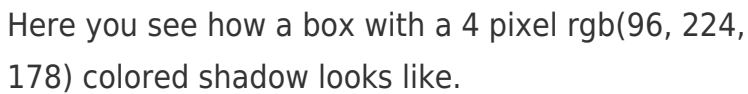
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(96, 224, 178) }
```

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

```
.border{ border-color:rgb(96, 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(96, 224, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 224, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 224, 178);  
box-shadow:4px 4px 4px 4px rgb(96, 224,  
178) }
```

Background

The CSS property to change the background color of an element to RGB 96, 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(96, 224, 178) }
```

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

```
.background{ background-color: rgb(96, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor