

Converting Colors

RGB(164, 226, 191)

Have a look what the booklet for
RGB(164, 226, 191) contains.

RGB(164, 226, 191)	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(164, 226, 191)

Conversions

Conversions Part 1

Format	Color
Hex	A4E2BF
RGB	164, 226, 191
RGB Percent	64%, 89%, 75%
CMY	0.3569, 0.1137, 0.2510
CMYK	0.27, 0.00, 0.15, 0.11
HSL	146°, 52%, 76%
HSV	146°, 27%, 89%
XYZ	51.9102, 66.0468, 59.3026
YIQ	203.4720, -25.7170, -24.0290

Conversions

Conversions Part 2

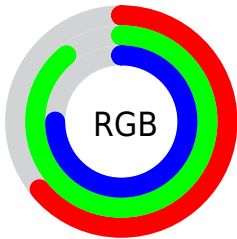
Format	Color
RYB	164, 207, 226
Decimal	10805951
CIELab	85.02, -26.73, 10.84
CIELCh	85, 28.844, 157.921
Yxy	66.0468, 0.2928, 0.3726
Android (android.graphics.Color)	4288996031 (0xFFA4E2BF)
YUV	203.4720, -6.1487, -34.6169
Hunter-Lab	81.2692, -28.2054, 13.6242

Details

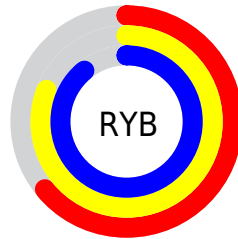
The RGB color **164, 226, 191** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **226, 164, 199**, and the grayscale version is **204, 204, 204**.

A 20% lighter version of the original color is **220, 255, 247**, and **111, 170, 138** is the 20% darker color. If you saturate the color by 10%, you get **141, 226, 178**, and if you desaturate by 10%, it is **187, 226, 204**.

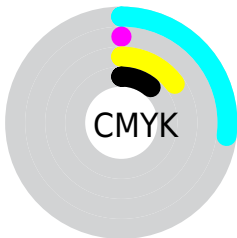
Distribution



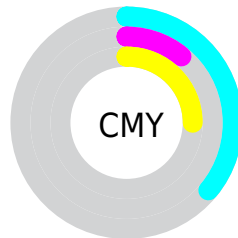
- Red (64%)
- Green (89%)
- Blue (75%)



- Red (64%)
- Yellow (81%)
- Blue (89%)



- Cyan (27%)
- Magenta (0%)
- Yellow (15%)
- Black (11%)



- Cyan (36%)
- Magenta (11%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the RGB color 164, 226, 191 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 164, 226, 191 by changing the saturation by 10% instead.


 164, 226, 191


255, 255, 255


 220, 255, 247

 249, 255, 255

 164, 226, 191

 137, 198, 164

 111, 170, 138

 85, 144, 112

 59, 118, 88

 34, 93, 64


 2, 69, 42


 0, 46, 22

 0, 26, 0

 0, 0, 0

 164, 226, 191

 164, 226, 191

 141, 226, 178

 187, 226, 204

 119, 226, 165

 209, 226, 217

 96, 226, 153

 232, 226, 229

 74, 226, 140

 254, 226, 242

 51, 226, 127

 255, 226, 255

 28, 226, 114

 255, 226, 255

 6, 226, 102

 0, 226, 98

Harmonies

Analogous

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



195, 221, 169



164, 226, 191



140, 228, 219

Triad

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



164, 226, 191



189, 212, 255



255, 196, 180

Complementary

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



164, 226, 191



226, 164, 199

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, 193, 206



164, 226, 191



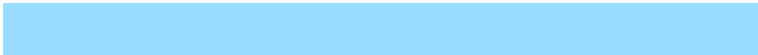
226, 203, 255

Square

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



164, 226, 191



153, 221, 255



254, 195, 233



250, 204, 163

Rectangle

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



164, 226, 191



133, 227, 237



254, 195, 233



255, 194, 188

Sweetspot

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



164, 226, 191



235, 255, 243



199, 226, 164



115, 128, 120



0, 0, 0



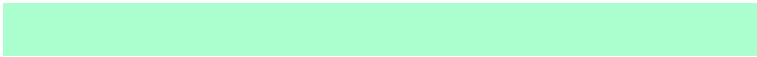
128, 128, 128

Same Dimension

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



164, 226, 191



171, 255, 207



164, 226, 222



101, 112, 106



0, 176, 77



0, 48, 21

Inverse Universe

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



226, 164, 199



255, 171, 218



226, 164, 168



112, 101, 107



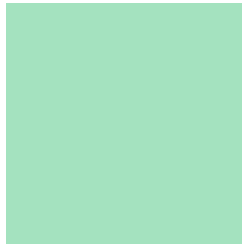
176, 0, 99



48, 0, 27

Previews

White Background



This preview shows how the RGB color 164, 226, 191 looks on a white background.

Color Contrast Check

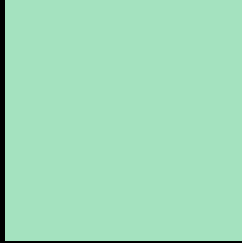
Large Text (above 18pt) WCAG AA × Fail

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 164, 226, 191 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

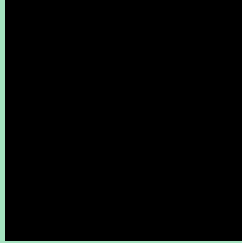
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

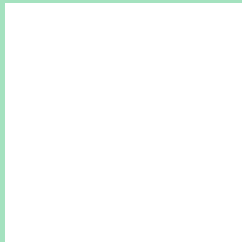
Any Text WCAG AAA ✓ Pass

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

RGB 164, 226, 191 Background



This preview shows how black text looks on a background with the RGB color 164, 226, 191.

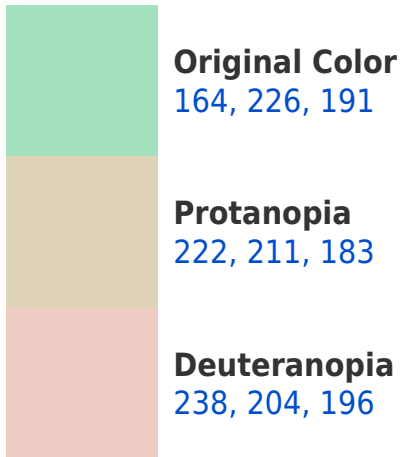


This preview shows how white text looks on a background with the RGB color 164, 226, 191.

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
173, 220, 237

Trichromacy



Original Color

164, 226, 191



Protanomaly

201, 216, 186



Deuteranomaly

211, 212, 194



Tritanomaly

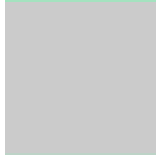
170, 222, 220

Monochromacy



Original Color

164, 226, 191



Achromatopsia

203, 203, 203



Achromatomaly

189, 211, 199

CSS Examples

Text

The CSS property to change the color of the text to RGB 164, 226, 191 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(164, 226, 191)` looks like.

```
.text, #text, p{  
    color:rgb(164, 226, 191)  
}
```

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(164, 226, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 226, 191) }
```

Border

The CSS property to change the border of an element to RGB 164, 226, 191 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(164, 226, 191) }
```

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

```
.border{ border-color:rgb(164, 226, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 226, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 226, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 226, 191);  
box-shadow:4px 4px 4px 4px rgb(164, 226,  
191) }
```

Background

The CSS property to change the background color of an element to RGB 164, 226, 191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 226, 191) }
```

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

```
.background{ background-color: rgb(164,  
226, 191) }
```

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