

Converting Colors

RGB(175, 231, 182)

Have a look what the booklet for
RGB(175, 231, 182) contains.

RGB(175, 231, 182)	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(175, 231, 182)

Conversions

Conversions Part 1

Format	Color
Hex	AFE7B6
RGB	175, 231, 182
RGB Percent	69%, 91%, 71%
CMY	0.3137, 0.0941, 0.2863
CMYK	0.24, 0.00, 0.21, 0.09
HSL	128°, 54%, 80%
HSV	128°, 24%, 91%
XYZ	54.6986, 69.6432, 54.8155
YIQ	208.6700, -17.6470, -27.1110

Conversions

Conversions Part 2

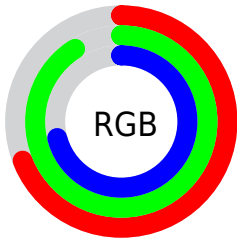
Format	Color
RYB	175, 225, 231
Decimal	11528118
CIELab	86.82, -27.30, 18.18
CIElCh	87, 32.799, 146.348
Yxy	69.6432, 0.3053, 0.3887
Android (android.graphics.Color)	4289718198 (0xFFAFE7B6)
YUV	208.6700, -13.1483, -29.5286
Hunter-Lab	83.4525, -29.0447, 19.4723

Details

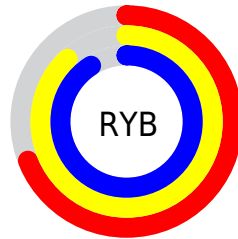
The RGB color **175, 231, 182** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **231, 175, 224**, and the grayscale version is **209, 209, 209**.

A 20% lighter version of the original color is **231, 255, 238**, and **121, 175, 129** is the 20% darker color. If you saturate the color by 10%, you get **152, 231, 162**, and if you desaturate by 10%, it is **198, 231, 202**.

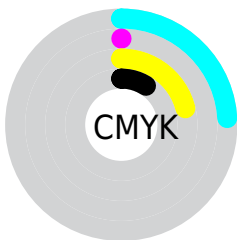
Distribution



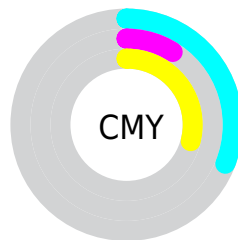
- Red (69%)
- Green (91%)
- Blue (71%)



- Red (69%)
- Yellow (88%)
- Blue (91%)



- Cyan (24%)
- Magenta (0%)
- Yellow (21%)
- Black (9%)



- Cyan (31%)
- Magenta (9%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the RGB color 175, 231, 182 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 175, 231, 182 by changing the saturation by 10% instead.


 175, 231, 182


255, 255, 255


 231, 255, 238

 175, 231, 182


 148, 203, 155

 121, 175, 129

 95, 148, 104

 70, 122, 79

 46, 97, 56

 20, 73, 34

 0, 50, 13

 0, 31, 0

 0, 0, 0

 175, 231, 182

 175, 231, 182

 152, 231, 162

 198, 231, 202

 129, 231, 142

 221, 231, 222

 106, 231, 121

 244, 231, 243

 83, 231, 101

 255, 231, 255

 59, 231, 81

 36, 231, 61

 13, 231, 41

 0, 231, 29

Harmonies

Analogous

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



211, 224, 161



175, 231, 182



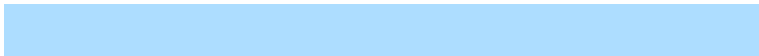
142, 235, 212

Triad

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



175, 231, 182



173, 221, 255



255, 196, 191

Complementary

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



175, 231, 182



231, 175, 224

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, 195, 222



175, 231, 182



217, 211, 255

Square

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



175, 231, 182



134, 230, 255



254, 201, 252



255, 204, 167

Rectangle

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



175, 231, 182



126, 235, 234



254, 201, 252



255, 195, 201

Sweetspot

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



175, 231, 182



237, 255, 239



224, 231, 175



117, 128, 119



0, 0, 0



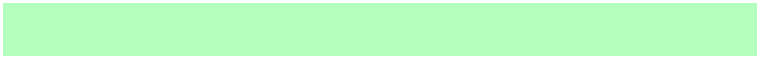
128, 128, 128

Same Dimension

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



175, 231, 182



181, 255, 190



175, 231, 210



103, 115, 105



0, 179, 22



0, 51, 6

Inverse Universe

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



231, 175, 224



255, 181, 246



231, 175, 196



115, 103, 113



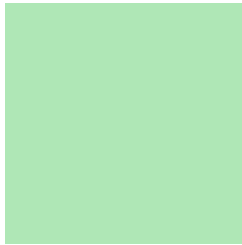
179, 0, 156



51, 0, 45

Previews

White Background



This preview shows how the RGB color 175, 231, 182 looks on a white background.

Color Contrast Check

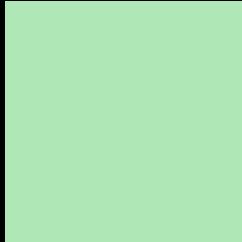
Large Text (above 18pt) WCAG AA × Fail

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 175, 231, 182 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

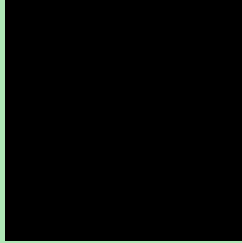
Any Text WCAG AA ✓ Pass

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 175, 231, 182 Background



This preview shows how black text looks on a background with the RGB color 175, 231, 182.

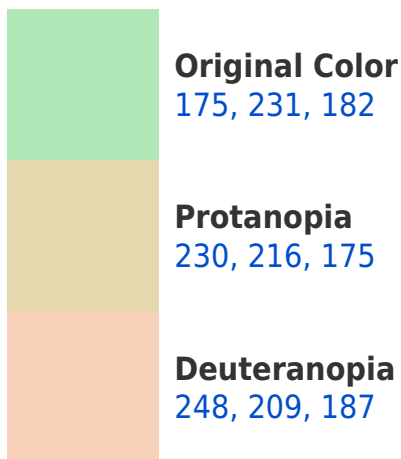


This preview shows how white text looks on a background with the RGB color 175, 231, 182.

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
186, 223, 241

Trichromacy



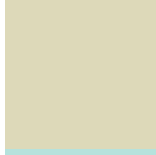
Original Color

175, 231, 182



Protanomaly

210, 221, 178



Deuteranomaly

221, 217, 185



Tritanomaly

182, 226, 220

Monochromacy



Original Color

175, 231, 182



Achromatopsia

209, 209, 209



Achromatomaly

197, 217, 199

CSS Examples

Text

The CSS property to change the color of the text to RGB 175, 231, 182 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(175, 231, 182)` looks like.

```
.text, #text, p{  
    color:rgb(175, 231, 182)  
}
```

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(175, 231, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 231, 182) }
```

Border

The CSS property to change the border of an element to RGB 175, 231, 182 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(175, 231, 182) }
```

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

```
.border{ border-color:rgb(175, 231, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 231, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 231, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 231, 182);  
box-shadow:4px 4px 4px 4px rgb(175, 231,  
182) }
```

Background

The CSS property to change the background color of an element to RGB 175, 231, 182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 231, 182) }
```

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

```
.background{ background-color: rgb(175,  
231, 182) }
```

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