

# Converting Colors

RGB(175, 224, 185)

Have a look what the booklet for  
RGB(175, 224, 185) contains.

<b>RGB(175, 224, 185)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**RGB(175, 224, 185)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AFE0B9
RGB	175, 224, 185
RGB Percent	69%, 88%, 73%
CMY	0.3137, 0.1216, 0.2745
CMYK	0.22, 0.00, 0.17, 0.12
HSL	132°, 44%, 78%
HSV	132°, 22%, 88%
XYZ	53.0918, 65.9281, 55.8261
YIQ	204.9030, -16.6850, -22.5170

# Conversions

## Conversions Part 2

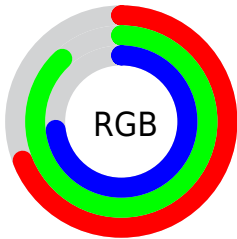
<b>Format</b>	<b>Color</b>
<b>RYB</b>	175, 216, 224
Decimal	11526329
CIELab	84.96, -23.39, 13.99
CIElCh	85, 27.257, 149.109
Yxy	65.9281, 0.3036, 0.3771
Android (android.graphics.Color)	4289716409 (0xFFAFE0B9)
YUV	204.9030, -9.8122, -26.2249
Hunter-Lab	81.1961, -25.3771, 16.0726

# Details

The RGB color **175, 224, 185** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **224, 175, 214**, and the grayscale version is **205, 205, 205**.

A 20% lighter version of the original color is **231, 255, 241**, and **122, 169, 132** is the 20% darker color. If you saturate the color by 10%, you get **153, 224, 167**, and if you desaturate by 10%, it is **197, 224, 203**.

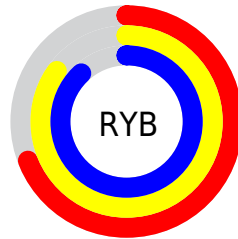
# Distribution



Red (69%)

Green (88%)

Blue (73%)



Red (69%)

Yellow (85%)

Blue (88%)

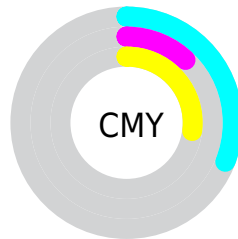


Cyan (22%)

Magenta (0%)

Yellow (17%)

Black (12%)



Cyan (31%)

Magenta (12%)

Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the RGB color 175, 224, 185 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, 224, 185 by changing the saturation by 10% instead.



■ 175, 224, 185

255, 255, 255

■ 231, 255, 241

■ 175, 224, 185

■ 148, 196, 158

■ 122, 169, 132

■ 96, 142, 107

■ 71, 116, 82

■ 47, 91, 59

■ 23, 68, 37

■ 0, 45, 17

■ 0, 26, 0

■ 0, 0, 0

 175, 224, 185

 175, 224, 185

 153, 224, 167

 197, 224, 203

 130, 224, 149

 220, 224, 221

 108, 224, 132

 242, 224, 238

 85, 224, 114

 255, 224, 255

 63, 224, 96

 41, 224, 78

 18, 224, 60

 0, 224, 46

# Harmonies

## Analogous

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



204, 218, 167



175, 224, 185



150, 227, 210

# Triad

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



175, 224, 185



180, 215, 255



255, 195, 188

# Complementary

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



175, 224, 185



224, 175, 214

# 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, 194, 214



175, 224, 185



215, 206, 255

# Square

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



175, 224, 185



150, 222, 255



245, 198, 239



254, 202, 169

# Rectangle

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



175, 224, 185



140, 227, 228



245, 198, 239



255, 194, 196



# Sweetspot

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



175, 224, 185



237, 255, 241



214, 224, 175



117, 128, 119



0, 0, 0



128, 128, 128

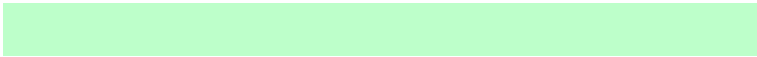


# Same Dimension

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



175, 224, 185



189, 255, 202



175, 224, 209



101, 112, 103



0, 176, 36



0, 48, 10



# Inverse Universe

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



224, 175, 214



255, 189, 241



224, 175, 190



112, 101, 110



176, 0, 140

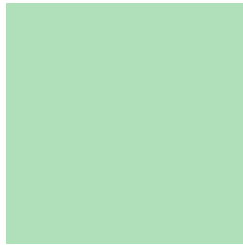


48, 0, 39



# Previews

## White Background



This preview shows how the RGB color 175, 224, 185 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, 224, 185 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

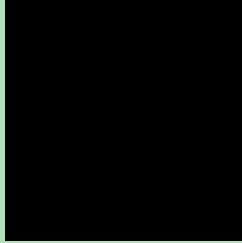
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

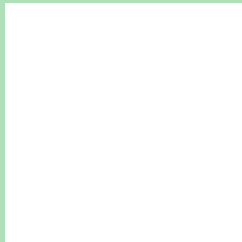
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## RGB 175, 224, 185 Background



This preview shows how black text looks on a background with the RGB color 175, 224, 185.

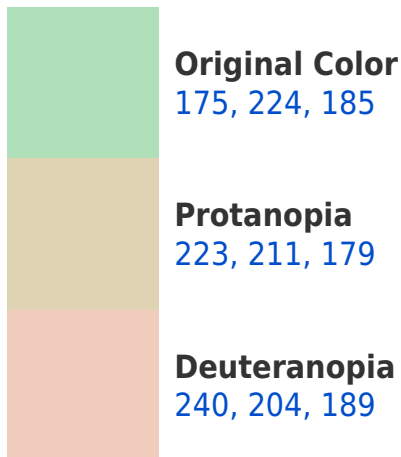


This preview shows how white text looks on a background with the RGB color 175, 224, 185.

# 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**  
184, 217, 234

# Trichromacy



**Original Color**  
175, 224, 185

**Protanomaly**  
206, 216, 181

**Deuteranomaly**  
216, 211, 188

**Tritanomaly**  
181, 220, 216

# Monochromacy



**Original Color**  
175, 224, 185

**Achromatopsia**  
205, 205, 205

**Achromatomaly**  
194, 212, 198

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 175, 224, 185 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, 224, 185)` looks like.

```
.text, #text, p{  
    color:rgb(175, 224, 185)  
}
```

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, 224, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 224, 185) }
```

## Border

The CSS property to change the border of an element to RGB 175, 224, 185 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, 224, 185) }
```

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

```
.border{ border-color:rgb(175, 224, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 224, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 224, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 224, 185);  
box-shadow:4px 4px 4px 4px rgb(175, 224,  
185) }
```

# Background

The CSS property to change the background color of an element to RGB 175, 224, 185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 224, 185) }
```

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

```
.background{ background-color: rgb(175,  
224, 185) }
```

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