

# Converting Colors

RGB(185, 212, 205)

Have a look what the booklet for  
RGB(185, 212, 205) contains.

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# Color

**RGB(185, 212, 205)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B9D4CD
RGB	185, 212, 205
RGB Percent	73%, 83%, 80%
CMY	0.2745, 0.1686, 0.1961
CMYK	0.13, 0.00, 0.03, 0.17
HSL	164°, 24%, 78%
HSV	164°, 13%, 83%
XYZ	54.5705, 61.8090, 66.8118
YIQ	203.1290, -13.8450, -7.9010

# Conversions

## Conversions Part 2

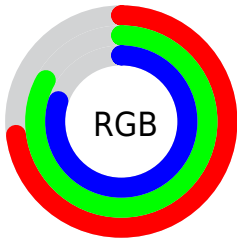
Format	Color
<b>RYB</b>	185, 201, 212
Decimal	12178637
CIELab	82.81, -10.34, 0.41
CIELCh	83, 10.352, 177.716
Yxy	61.8090, 0.2979, 0.3374
Android (android.graphics.Color)	4290368717 (0xFFB9D4CD)
YUV	203.1290, 0.9224, -15.8991
Hunter-Lab	78.6187, -13.6831, 4.6473

# Details

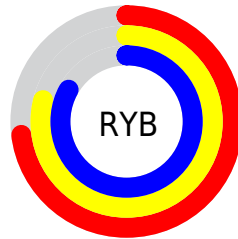
The RGB color **185, 212, 205** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **212, 185, 192**, and the grayscale version is **203, 203, 203**.

A 20% lighter version of the original color is **241, 255, 255**, and **132, 157, 151** is the 20% darker color. If you saturate the color by 10%, you get **164, 212, 200**, and if you desaturate by 10%, it is **206, 212, 210**.

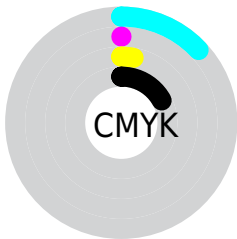
# Distribution



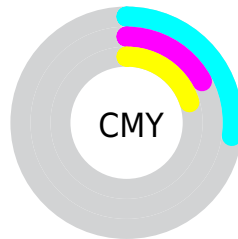
- Red (73%)
- Green (83%)
- Blue (80%)



- Red (73%)
- Yellow (79%)
- Blue (83%)



- Cyan (13%)
- Magenta (0%)
- Yellow (3%)
- Black (17%)



- Cyan (27%)
- Magenta (17%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the RGB color 185, 212, 205 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 185, 212, 205 by changing the saturation by 10% instead.



 185, 212, 205

255, 255, 255


 241, 255, 255

 185, 212, 205

 158, 184, 178

 132, 157, 151


 106, 131, 125

 82, 106, 100

 58, 82, 76

 36, 59, 54

 15, 37, 32

 0, 17, 9

 0, 0, 0

 185, 212, 205

 185, 212, 205

 164, 212, 200

 206, 212, 210

 143, 212, 194

 227, 212, 216

 121, 212, 189

 249, 212, 221

 100, 212, 183

 255, 212, 227

 79, 212, 178

 255, 212, 232

 58, 212, 172

 255, 212, 238

 37, 212, 167

 255, 212, 243

 15, 212, 161

 255, 212, 249

 0, 212, 157

 255, 212, 254

# Harmonies

## Analogous

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



193, 211, 196



185, 212, 205



182, 212, 215

# Triad

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



185, 212, 205



207, 204, 223



224, 202, 190

# Complementary

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



185, 212, 205



212, 185, 192

# 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.



227, 200, 198



185, 212, 205



218, 201, 217

# Square

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



185, 212, 205



195, 207, 225



226, 200, 207



215, 205, 187

# Rectangle

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



185, 212, 205



184, 211, 220



226, 200, 207



225, 201, 192



# Sweetspot

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



185, 212, 205



245, 255, 252



192, 212, 185



121, 128, 126



0, 0, 0



128, 128, 128

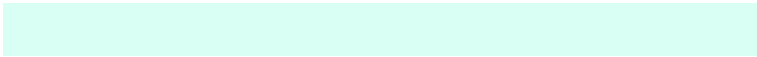


# Same Dimension

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



185, 212, 205



217, 255, 245



185, 206, 212



96, 107, 104



0, 171, 127



0, 43, 32



# Inverse Universe

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



212, 185, 192



255, 217, 227



212, 191, 185



107, 96, 99



171, 0, 44



43, 0, 11



# Previews

## White Background



This preview shows how the RGB color 185, 212, 205 looks on a white background.

## Color Contrast Check

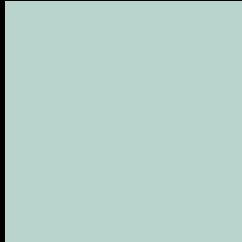
Large Text (above 18pt) WCAG AA × Fail

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 185, 212, 205 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

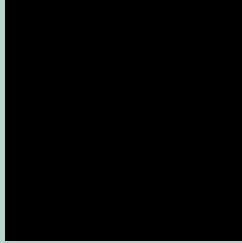
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

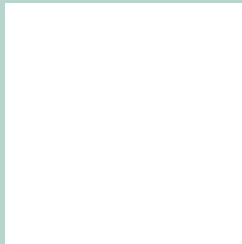
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## RGB 185, 212, 205 Background



This preview shows how black text looks on a background with the RGB color 185, 212, 205.



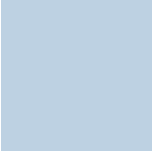
This preview shows how white text looks on a background with the RGB color 185, 212, 205.

# 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](#).

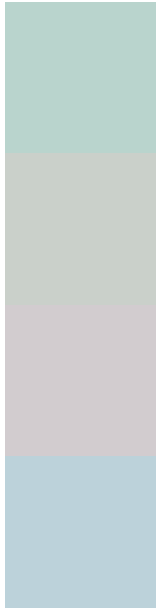
## Dichromacy





**Tritanopia**  
189, 209, 226

# Trichromacy



**Original Color**

185, 212, 205

**Protanomaly**

202, 208, 202

**Deuteranomaly**

210, 204, 207

**Tritanomaly**

188, 210, 218

# Monochromacy



**Original Color**

185, 212, 205

**Achromatopsia**

203, 203, 203

**Achromatomaly**

196, 206, 204

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 185, 212, 205 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(185, 212, 205)` looks like.

```
.text, #text, p{  
    color:rgb(185, 212, 205)  
}
```

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(185, 212, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 212, 205) }
```

## Border

The CSS property to change the border of an element to RGB 185, 212, 205 is called "border". The border property can be set on classes, ids or directly on the HTML element.

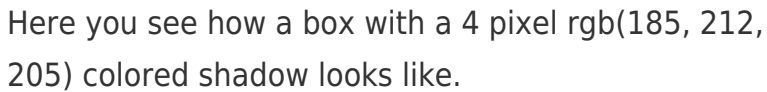
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(185, 212, 205) }
```

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

```
.border{ border-color:rgb(185, 212, 205) }
```

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



Here you see how a box with a 4 pixel `rgb(185, 212, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 212, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 212, 205);  
box-shadow:4px 4px 4px 4px rgb(185, 212,  
205) }
```

# Background

The CSS property to change the background color of an element to RGB 185, 212, 205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 212, 205) }
```

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

```
.background{ background-color: rgb(185,  
212, 205) }
```

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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