

# Converting Colors

RGB(157, 204, 187)

Have a look what the booklet for  
RGB(157, 204, 187) contains.

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# **Color**

**RGB(157, 204, 187)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9DCCBB
RGB	157, 204, 187
RGB Percent	62%, 80%, 73%
CMY	0.3843, 0.2000, 0.2667
CMYK	0.23, 0.00, 0.08, 0.20
HSL	158°, 32%, 71%
HSV	158°, 23%, 80%
XYZ	44.4671, 53.9417, 55.0818
YIQ	188.0090, -22.5550, -15.2510

# Conversions

## Conversions Part 2

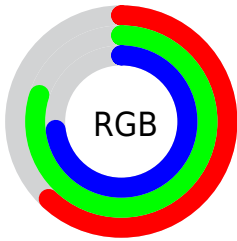
<b>Format</b>	<b>Color</b>
<b>RYB</b>	157, 186, 204
Decimal	10341563
CIELab	78.43, -18.86, 3.45
CIElCh	78, 19.175, 169.646
Yxy	53.9417, 0.2897, 0.3514
Android (android.graphics.Color)	4288531643 (0xFF9DCCBB)
YUV	188.0090, -0.4974, -27.1949
Hunter-Lab	73.4450, -20.4563, 6.9456

# Details

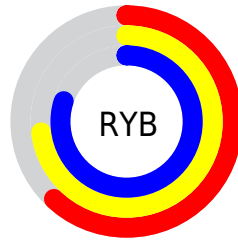
The RGB color **157, 204, 187** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **204, 157, 174**, and the grayscale version is **188, 188, 188**.

A 20% lighter version of the original color is **212, 255, 243**, and **105, 150, 134** is the 20% darker color. If you saturate the color by 10%, you get **137, 204, 180**, and if you desaturate by 10%, it is **177, 204, 194**.

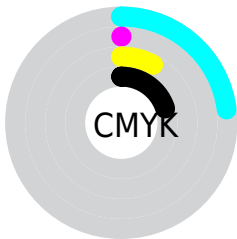
# Distribution



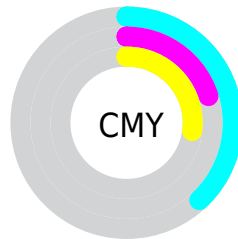
- Red (62%)
- Green (80%)
- Blue (73%)



- Red (62%)
- Yellow (73%)
- Blue (80%)



- Cyan (23%)
- Magenta (0%)
- Yellow (8%)
- Black (20%)



- Cyan (38%)
- Magenta (20%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the RGB color 157, 204, 187 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 157, 204, 187 by changing the saturation by 10% instead.




 157, 204, 187

255, 255, 255


 212, 255, 243

 241, 255, 255


 157, 204, 187

 130, 176, 160

 105, 150, 134

 80, 124, 109

 55, 99, 84

 31, 75, 61

 5, 52, 39

 0, 31, 19

 0, 0, 0

 157, 204, 187

 157, 204, 187

 137, 204, 180

 177, 204, 194

 116, 204, 172

 198, 204, 202

 96, 204, 165

 218, 204, 209

 75, 204, 157

 239, 204, 217

 55, 204, 150

 255, 204, 224

 35, 204, 143

 255, 204, 231

 14, 204, 135

 255, 204, 239

 0, 204, 130

 255, 204, 246

 255, 204, 253

# Harmonies

## Analogous

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



175, 201, 171



157, 204, 187



147, 204, 205

# Triad

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



157, 204, 187



189, 192, 227



227, 185, 168

# Complementary

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



157, 204, 187



204, 157, 174

# 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.



232, 182, 183



157, 204, 187



211, 186, 217

# Square

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



157, 204, 187



166, 197, 229



226, 182, 201



214, 191, 159

# Rectangle

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



157, 204, 187



148, 203, 216



226, 182, 201



230, 184, 172



# Sweetspot

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



157, 204, 187



237, 255, 249



174, 204, 157



117, 128, 124



0, 0, 0



128, 128, 128

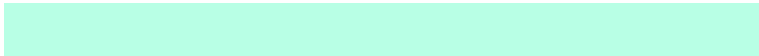


# Same Dimension

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



157, 204, 187



184, 255, 229



157, 198, 204



92, 102, 98



0, 166, 106



0, 38, 24



# Inverse Universe

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



204, 157, 174



255, 184, 209



204, 163, 157



102, 92, 95



166, 0, 60

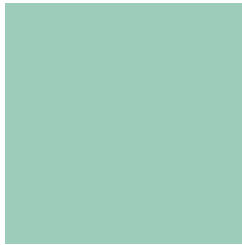


38, 0, 14



# Previews

## White Background



This preview shows how the RGB color 157, 204, 187 looks on a white background.

## Color Contrast Check

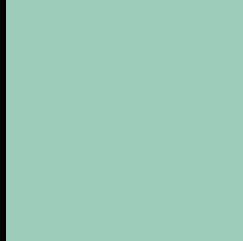
Large Text (above 18pt) WCAG AA × Fail

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 157, 204, 187 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

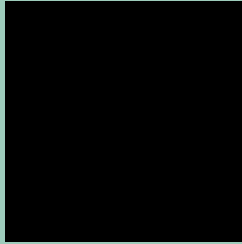
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## RGB 157, 204, 187 Background



This preview shows how black text looks on a background with the RGB color 157, 204, 187.

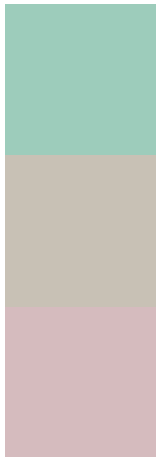


This preview shows how white text looks on a background with the RGB color 157, 204, 187.

# 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



**Original Color**  
157, 204, 187

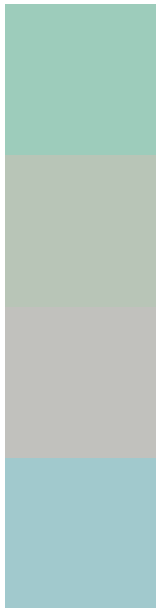
**Protanopia**  
200, 193, 181

**Deuteranopia**  
213, 187, 190



**Tritanopia**  
163, 200, 216

# Trichromacy



**Original Color**

157, 204, 187

**Protanomaly**

184, 197, 183

**Deuteranomaly**

193, 193, 189

**Tritanomaly**

161, 201, 205

# Monochromacy



**Original Color**

157, 204, 187

**Achromatopsia**

188, 188, 188

**Achromatomaly**

177, 194, 188

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 157, 204, 187 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(157, 204, 187)` looks like.

```
.text, #text, p{  
    color:rgb(157, 204, 187)  
}
```

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(157, 204, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 204, 187) }
```

## Border

The CSS property to change the border of an element to RGB 157, 204, 187 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(157, 204, 187) }
```

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

```
.border{ border-color:rgb(157, 204, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 204, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(157, 204, 187); -webkit-box-shadow:4px 4px 4px 4px rgb(157, 204, 187); box-shadow:4px 4px 4px 4px rgb(157, 204, 187) }
```

# Background

The CSS property to change the background color of an element to RGB 157, 204, 187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 204, 187) }
```

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

```
.background{ background-color: rgb(157,  
204, 187) }
```

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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