

# Converting Colors

RGB(144, 205, 194)

Have a look what the booklet for  
RGB(144, 205, 194) contains.

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# **Color**

**RGB(144, 205, 194)**

# Conversions

## Conversions Part 1

Format	Color
Hex	90CDC2
RGB	144, 205, 194
RGB Percent	56%, 80%, 76%
CMY	0.4353, 0.1961, 0.2392
CMYK	0.30, 0.00, 0.05, 0.20
HSL	169°, 38%, 68%
HSV	169°, 30%, 80%
XYZ	43.0705, 53.4870, 59.0929
YIQ	185.5070, -32.8250, -16.3530

# Conversions

## Conversions Part 2

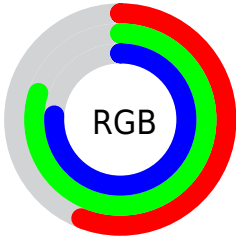
<b>Format</b>	<b>Color</b>
<b>RYB</b>	144, 178, 205
Decimal	9489858
CIELab	78.16, -21.82, -0.79
CIELCh	78, 21.837, 182.074
Yxy	53.4870, 0.2767, 0.3436
Android (android.graphics.Color)	4287679938 (0xFF90CDC2)
YUV	185.5070, 4.1870, -36.4016
Hunter-Lab	73.1348, -22.8637, 3.2880

# Details

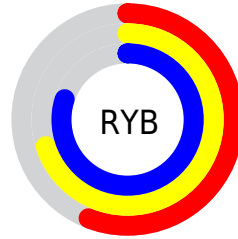
The RGB color **144, 205, 194** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **205, 144, 155**, and the grayscale version is **185, 185, 185**.

A 20% lighter version of the original color is **199, 255, 250**, and **91, 151, 140** is the 20% darker color. If you saturate the color by 10%, you get **123, 205, 190**, and if you desaturate by 10%, it is **164, 205, 198**.

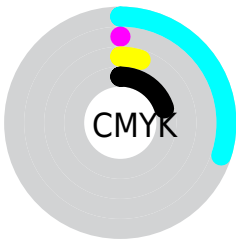
# Distribution



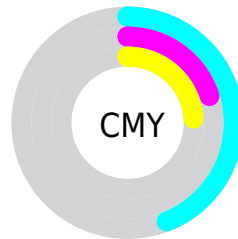
- Red (56%)
- Green (80%)
- Blue (76%)



- Red (56%)
- Yellow (70%)
- Blue (80%)



- Cyan (30%)
- Magenta (0%)
- Yellow (5%)
- Black (20%)



- Cyan (44%)
- Magenta (20%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the RGB color 144, 205, 194 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 144, 205, 194 by changing the saturation by 10% instead.




 144, 205, 194


255, 255, 255


 199, 255, 250

 228, 255, 255

 144, 205, 194

 117, 177, 167

 91, 151, 140

 65, 125, 115

 39, 99, 90

 7, 75, 67

 0, 52, 45

 0, 32, 24

 0, 0, 0

 144, 205, 194

 144, 205, 194

 123, 205, 190

 164, 205, 198

 103, 205, 187

 185, 205, 201

 82, 205, 183

 206, 205, 205

 62, 205, 179

 226, 205, 209

 41, 205, 176

 247, 205, 212

 21, 205, 172

 255, 205, 216

 0, 205, 168

 255, 205, 220

 0, 205, 168

 255, 205, 224

 255, 205, 227

# Harmonies

## Analogous

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



162, 203, 174



144, 205, 194



138, 204, 214

# Triad

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



144, 205, 194



199, 188, 228



225, 186, 158

# Complementary

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



144, 205, 194



205, 144, 155

# 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.



235, 181, 173



144, 205, 194



221, 182, 213

# Square

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



144, 205, 194



172, 195, 233



234, 179, 193



207, 192, 153

# Rectangle

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



144, 205, 194



143, 202, 225



234, 179, 193



229, 184, 162



# Sweetspot

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



144, 205, 194



232, 255, 251



155, 205, 144



113, 128, 125



0, 0, 0



128, 128, 128

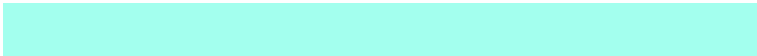


# Same Dimension

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



144, 205, 194



163, 255, 238



144, 186, 205



92, 102, 100



0, 166, 136



0, 38, 31



# Inverse Universe

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



205, 144, 155



255, 163, 180



205, 163, 144



102, 92, 94



166, 0, 30

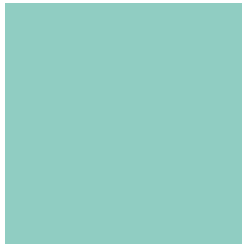


38, 0, 7



# Previews

## White Background



This preview shows how the RGB color 144, 205, 194 looks on a white background.

## Color Contrast Check

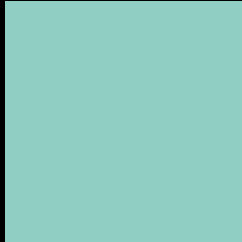
Large Text (above 18pt) WCAG AA × Fail

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 144, 205, 194 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

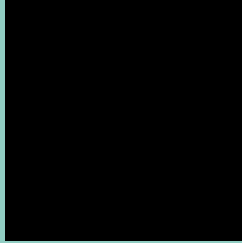
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

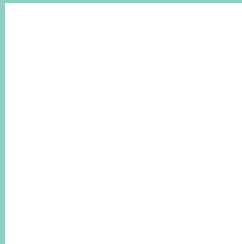
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## RGB 144, 205, 194 Background



This preview shows how black text looks on a background with the RGB color 144, 205, 194.

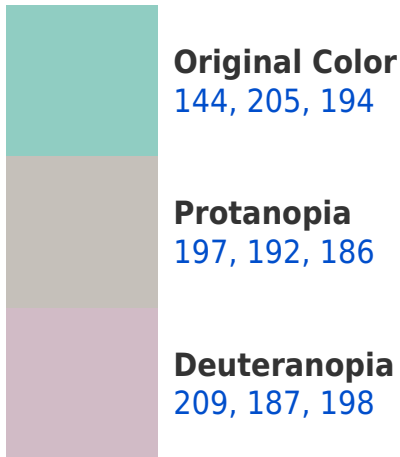


This preview shows how white text looks on a background with the RGB color 144, 205, 194.

# 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**  
149, 201, 218

# Trichromacy



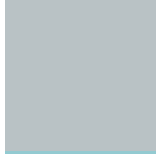
**Original Color**

144, 205, 194



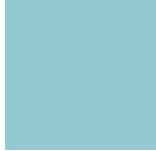
**Protanomaly**

178, 197, 189



**Deuteranomaly**

185, 194, 197



**Tritanomaly**

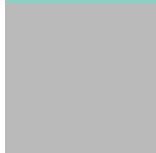
147, 202, 209

# Monochromacy



**Original Color**

144, 205, 194



**Achromatopsia**

186, 186, 186



**Achromatomaly**

171, 193, 189

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 144, 205, 194 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(144, 205, 194)` looks like.

```
.text, #text, p{  
    color:rgb(144, 205, 194)  
}
```

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(144, 205, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 205, 194) }
```

## Border

The CSS property to change the border of an element to RGB 144, 205, 194 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(144, 205, 194) }
```

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

```
.border{ border-color:rgb(144, 205, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 205, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 205, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 205, 194);  
box-shadow:4px 4px 4px 4px rgb(144, 205,  
194) }
```

# Background

The CSS property to change the background color of an element to RGB 144, 205, 194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 205, 194) }
```

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

```
.background{ background-color: rgb(144,  
205, 194) }
```

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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