

# Converting Colors

`RYB(148, 204, 213)`

Have a look what the booklet for  
RYB(148, 204, 213) contains.

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# Color

**R<sub>Y</sub>B(148, 204, 213)**

# Conversions

## Conversions Part 1

Format	Color
Hex	94D59E
RGB	148, 213, 158
RGB Percent	58%, 84%, 62%
CMY	0.4196, 0.1647, 0.3786
CMYK	0.31, 0.00, 0.26, 0.16
HSL	130°, 44%, 71%
HSV	130°, 31%, 84%
XYZ	42.2171, 56.3684, 41.2047
YIQ	187.2950, -21.0850, -30.8850

# Conversions

## Conversions Part 2

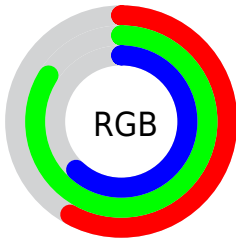
Format	Color
<a href="#">RYB</a>	<a href="#">148, 204, 213</a>
Decimal	<a href="#">9754014</a>
CIELab	<a href="#">79.82, -31.54, 20.55</a>
CIELCh	<a href="#">80, 37.641, 146.913</a>
Yxy	<a href="#">56.3684, 0.3020, 0.4032</a>
Android (android.graphics.Color)	<a href="#">4287944094 (0xFF94D59E)</a>
YUV	<a href="#">187.2950, -14.4424, -34.4617</a>
Hunter-Lab	<a href="#">75.0789, -31.0171, 20.0158</a>

# Details

The RYB color **148, 204, 213** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **213, 148, 203**, and the grayscale version is **187, 187, 187**.

A 20% lighter version of the original color is **204, 247, 255**, and **95, 149, 158** is the 20% darker color. If you saturate the color by 10%, you get **127, 201, 213**, and if you desaturate by 10%, it is **169, 207, 213**.

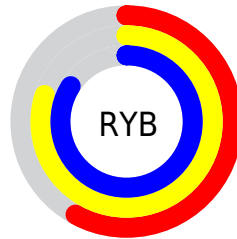
# Distribution



Red (58%)

Green (84%)

Blue (62%)



Red (58%)

Yellow (80%)

Blue (84%)

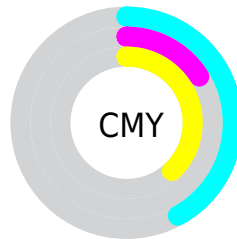


Cyan (31%)

Magenta (0%)

Yellow (26%)

Black (16%)



Cyan (42%)

Magenta (16%)

Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the RYB color 148, 204, 213 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 RYB color 148, 204, 213 by changing the saturation by 10% instead.




 148, 204, 213

 148, 204, 213


255, 255, 255

 121, 176, 185

 204, 247, 255

 95, 148, 158

 232, 248, 255

 69, 121, 132

 43, 93, 106

 14, 64, 81

 0, 46, 58

 0, 37, 37


 0, 0, 0


 148, 204, 213


 148, 204, 213

 127, 201, 213


 169, 207, 213

 105, 198, 213


 191, 210, 213

 84, 195, 213


 212, 213, 213

 63, 192, 213

 233, 213, 230

 42, 190, 213

 255, 213, 248

 20, 186, 213

 255, 213, 255

 0, 184, 213

# Harmonies

## Analogous

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



134, 205, 150



148, 204, 213



105, 168, 217

# Triad

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



148, 204, 213



144, 182, 255



255, 173, 168

# Complementary

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



148, 204, 213



213, 148, 203

# 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, 171, 203



148, 204, 213



197, 190, 255

# Square

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



148, 204, 213



92, 161, 255



239, 178, 237



253, 207, 140

# Rectangle

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



148, 204, 213



81, 149, 217



239, 178, 237



255, 172, 179



# Sweetspot

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



148, 204, 213



232, 252, 255



148, 213, 158



113, 126, 128



0, 0, 0



128, 128, 128

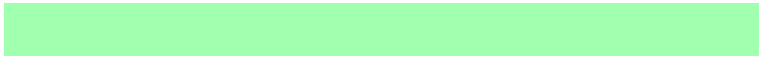


# Same Dimension

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



148, 204, 213



161, 242, 255



148, 187, 213



96, 105, 107



0, 148, 171



0, 37, 43



# Inverse Universe

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



213, 148, 203



255, 161, 240



213, 148, 171



107, 96, 105



171, 0, 143

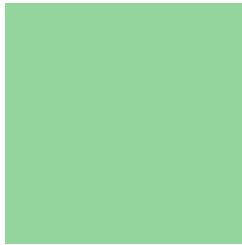


43, 0, 36



# Previews

## White Background



This preview shows how the RYB color 148, 204, 213 looks on a white background.

## Color Contrast Check

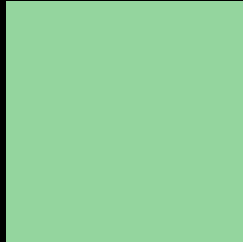
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the RYB color 148, 204, 213 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](#).



## RYB 148, 204, 213 Background



This preview shows how black text looks on a background with the RYB color 148, 204, 213.

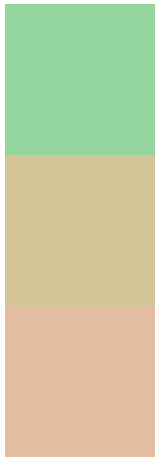


This preview shows how white text looks on a background with the RYB color 148, 204, 213.

# 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](#).

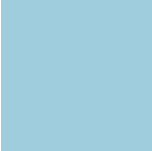
## Dichromacy



**Original Color**  
148, 204, 213

**Protanopia**  
169, 211, 151

**Deuteranopia**  
228, 206, 163



**Tritanopia**  
160, 186, 221

# Trichromacy



**Original Color**

148, 204, 213



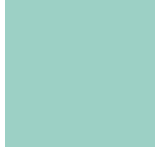
**Protanomaly**

154, 203, 169



**Deuteranomaly**

162, 199, 161



**Tritanomaly**

156, 185, 208

# Monochromacy



**Original Color**

148, 204, 213



**Achromatopsia**

187, 187, 187



**Achromatomaly**

173, 193, 196

# CSS Examples

## Text

The CSS property to change the color of the text to RYB 148, 204, 213 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(148, 213, 158)` looks like.

```
.text, #text, p{  
    color:rgb(148, 213, 158)  
}
```

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(148, 213, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 213, 158) }
```

## Border

The CSS property to change the border of an element to RYB 148, 204, 213 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(148, 213, 158) }
```

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

```
.border{ border-color:rgb(148, 213, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 213, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 213, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 213, 158);  
box-shadow:4px 4px 4px 4px rgb(148, 213,  
158) }
```

# Background

The CSS property to change the background color of an element to RYB 148, 204, 213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 213, 158) }
```

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

```
.background{ background-color: rgb(148,  
213, 158) }
```

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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