

# Converting Colors

`RYB(148, 201, 223)`

Have a look what the booklet for  
RYB(148, 201, 223) contains.

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# Color

**R<sub>Y</sub>B(148, 201, 223)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	94DFB3
RGB	148, 223, 179
RGB Percent	58%, 87%, 70%
CMY	0.4196, 0.1255, 0.2975
CMYK	0.34, 0.00, 0.20, 0.13
HSL	145°, 54%, 73%
HSV	145°, 34%, 87%
XYZ	46.7505, 62.3313, 52.2850
YIQ	195.5590, -30.5760, -29.5840

# Conversions

## Conversions Part 2

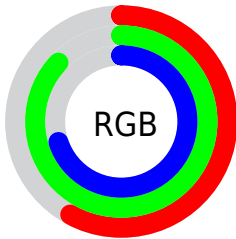
<b>Format</b>	<b>Color</b>
<b>RYB</b>	148, 201, 223
Decimal	9756595
CIELab	83.09, -32.42, 14.23
CIELCh	83, 35.407, 156.307
Yxy	62.3313, 0.2897, 0.3863
Android (android.graphics.Color)	4287946675 (0xFF94DFB3)
YUV	195.5590, -8.1636, -41.7092
Hunter-Lab	78.9502, -32.4637, 16.0001

# Details

The RYB color **148, 201, 223** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **223, 148, 192**, and the grayscale version is **196, 196, 196**.

A 20% lighter version of the original color is **204, 236, 255**, and **94, 145, 167** is the 20% darker color. If you saturate the color by 10%, you get **126, 195, 223**, and if you desaturate by 10%, it is **170, 207, 223**.

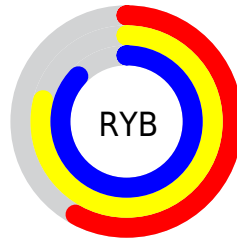
# Distribution



Red (58%)

Green (87%)

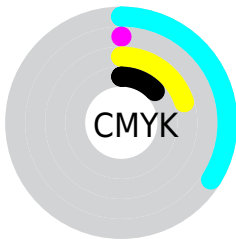
Blue (70%)



Red (58%)

Yellow (79%)

Blue (87%)

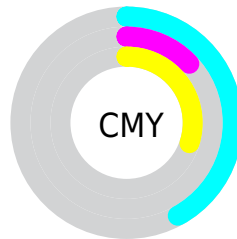


Cyan (34%)

Magenta (0%)

Yellow (20%)

Black (13%)



Cyan (42%)

Magenta (13%)

Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the RYB color 148, 201, 223 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, 201, 223 by changing the saturation by 10% instead.




 148, 201, 223


255, 255, 255


 204, 236, 255


 233, 244, 255

 148, 201, 223

 121, 173, 195


 94, 145, 167


 68, 118, 141

 41, 91, 115

 5, 59, 90

 0, 44, 66


 0, 34, 43

 0, 19, 19

 0, 0, 0

 148, 201, 223


 148, 201, 223

 126, 195, 223


 170, 207, 223

 103, 188, 223


 193, 214, 223

 81, 181, 223


 215, 221, 223

 59, 175, 223

 237, 223, 231

 36, 168, 223

 255, 223, 244

 14, 162, 223

 255, 223, 255

 0, 157, 223

# Harmonies

## Analogous

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



152, 217, 182



148, 201, 223



112, 172, 225

# Triad

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



148, 201, 223



174, 198, 255



255, 190, 169

# Complementary

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



148, 201, 223



223, 148, 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.



255, 182, 201



148, 201, 223



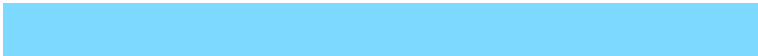
221, 196, 255

# Square

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



148, 201, 223



125, 179, 255



255, 186, 234



253, 238, 147

# Rectangle

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



148, 201, 223



99, 164, 235



255, 186, 234



255, 184, 179

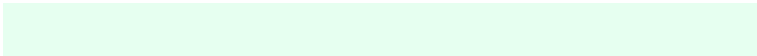


# Sweetspot

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



148, 201, 223



230, 248, 255



148, 223, 178



112, 123, 128



0, 0, 0



128, 128, 128

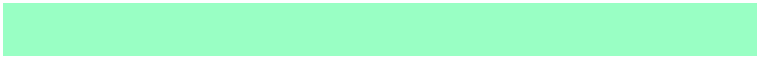


# Same Dimension

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



148, 201, 223



153, 225, 255



148, 187, 223



101, 109, 112



0, 124, 176



0, 34, 48



# Inverse Universe

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



223, 148, 192



255, 153, 213



223, 148, 156



112, 101, 108



176, 0, 103

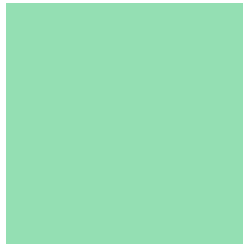


48, 0, 28



# Previews

## White Background



This preview shows how the RYB color 148, 201, 223 looks on a white background.

## Color Contrast Check

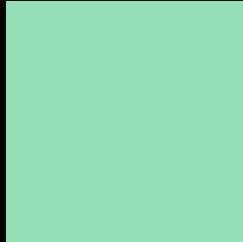
Large Text (above 18pt) WCAG AA × Fail

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, 201, 223 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

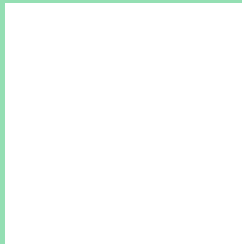
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## R Y B 148, 201, 223 Background



This preview shows how black text looks on a background with the R Y B color 148, 201, 223.

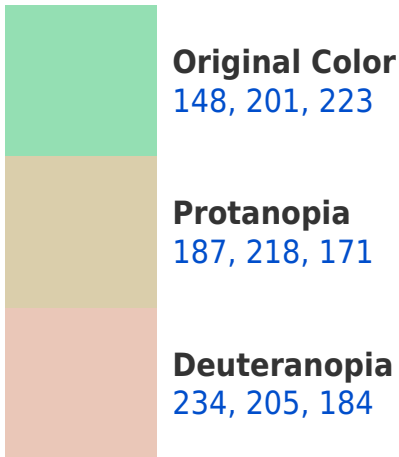


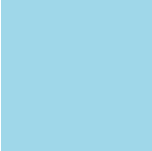
This preview shows how white text looks on a background with the R Y B color 148, 201, 223.

# 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](#).

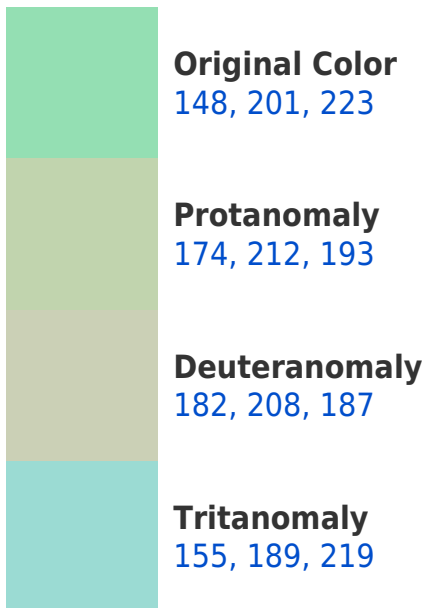
## Dichromacy



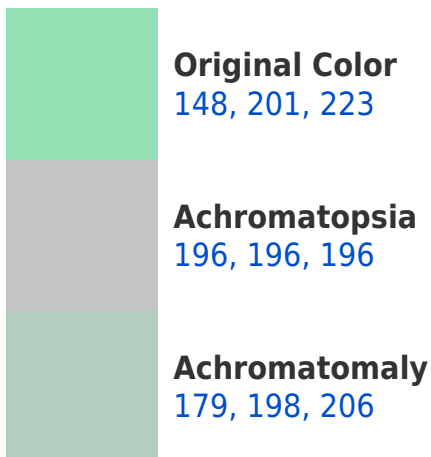


**Tritanopia**  
159, 191, 233

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to RYB 148, 201, 223 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, 223, 179)` looks like.

```
.text, #text, p{  
    color:rgb(148, 223, 179)  
}
```

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, 223, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 223, 179) }
```

## Border

The CSS property to change the border of an element to RYB 148, 201, 223 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, 223, 179) }
```

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

```
.border{ border-color:rgb(148, 223, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 223, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 223, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 223, 179);  
box-shadow:4px 4px 4px 4px rgb(148, 223,  
179) }
```

# Background

The CSS property to change the background color of an element to RYB 148, 201, 223 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 223, 179) }
```

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

```
.background{ background-color: rgb(148,  
223, 179) }
```

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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