

# Converting Colors

`RYB(148, 203, 221)`

Have a look what the booklet for  
RYB(148, 203, 221) contains.

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# Color

**R<sub>Y</sub>B(148, 203, 221)**

# Conversions

## Conversions Part 1

Format	Color
Hex	94DDAC
RGB	148, 221, 172
RGB Percent	58%, 87%, 67%
CMY	0.4196, 0.1333, 0.3259
CMYK	0.33, 0.00, 0.22, 0.13
HSL	140°, 52%, 72%
HSV	140°, 33%, 87%
XYZ	45.5051, 60.9832, 48.3474
YIQ	193.5870, -27.7790, -30.7150

# Conversions

## Conversions Part 2

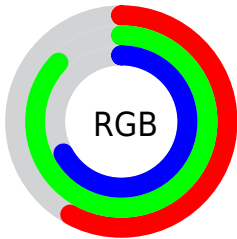
<b>Format</b>	<b>Color</b>
<b>RYB</b>	148, 203, 221
Decimal	9756076
CIELab	82.37, -32.86, 17.02
CIELCh	82, 37.004, 152.613
Yxy	60.9832, 0.2939, 0.3939
Android (android.graphics.Color)	4287946156 (0xFF94DDAC)
YUV	193.5870, -10.6424, -39.9798
Hunter-Lab	78.0917, -32.6461, 17.9572

# Details

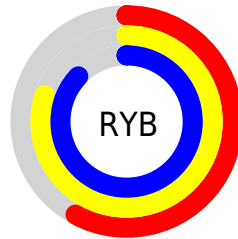
The RYB color **148, 203, 221** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **221, 148, 197**, and the grayscale version is **194, 194, 194**.

A 20% lighter version of the original color is **204, 239, 255**, and **94, 147, 166** is the 20% darker color. If you saturate the color by 10%, you get **126, 198, 221**, and if you desaturate by 10%, it is **170, 208, 221**.

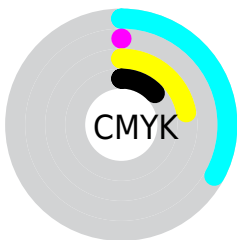
# Distribution



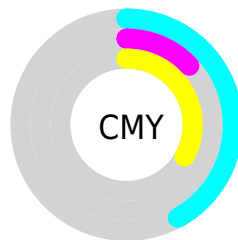
- Red (58%)
- Green (87%)
- Blue (67%)



- Red (58%)
- Yellow (80%)
- Blue (87%)



- Cyan (33%)
- Magenta (0%)
- Yellow (22%)
- Black (13%)



- Cyan (42%)
- Magenta (13%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the RYB color 148, 203, 221 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, 203, 221 by changing the saturation by 10% instead.




 148, 203, 221


255, 255, 255


 204, 239, 255


 233, 244, 255

 148, 203, 221

 121, 175, 193

 94, 147, 166


 68, 119, 139

 41, 92, 113

 7, 61, 88

 0, 45, 64


 0, 40, 42

 0, 15, 15


 0, 0, 0

 148, 203, 221


 148, 203, 221

 126, 198, 221


 170, 208, 221

 104, 192, 221


 192, 214, 221

 82, 187, 221


 214, 219, 221

 60, 182, 221

 236, 221, 231

 38, 176, 221

 255, 221, 246

 15, 170, 221

 255, 221, 255

 0, 167, 221

# Harmonies

## Analogous

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



145, 214, 170



148, 203, 221



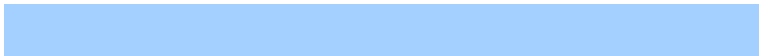
108, 171, 224

# Triad

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



148, 203, 221



163, 193, 255



255, 184, 169

# Complementary

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



148, 203, 221



221, 148, 197

# 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, 179, 203



148, 203, 221



214, 195, 255

# Square

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



148, 203, 221



111, 172, 255



252, 184, 238



255, 229, 144

# Rectangle

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



148, 203, 221



89, 158, 230



252, 184, 238



255, 180, 180

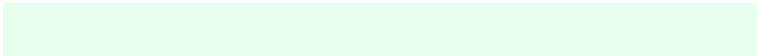


# Sweetspot

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



148, 203, 221



230, 249, 255



148, 221, 171



112, 124, 128



0, 0, 0



128, 128, 128

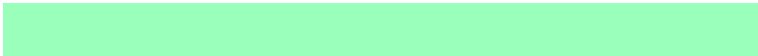


# Same Dimension

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



148, 203, 221



153, 230, 255



148, 188, 221



99, 108, 110



0, 130, 173



0, 35, 46



# Inverse Universe

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



221, 148, 197



255, 153, 222



221, 148, 161



110, 99, 106



173, 0, 117



46, 0, 31



# Previews

## White Background



This preview shows how the RYB color 148, 203, 221 looks on a white background.

## Color Contrast Check

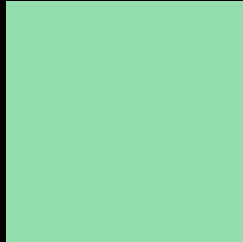
Large Text (above 18pt) WCAG AA × Fail

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, 203, 221 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

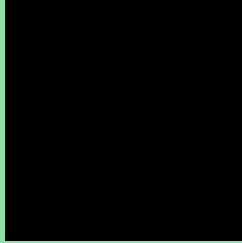
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## **RYB 148, 203, 221 Background**



This preview shows how black text looks on a background with the RYB color 148, 203, 221.

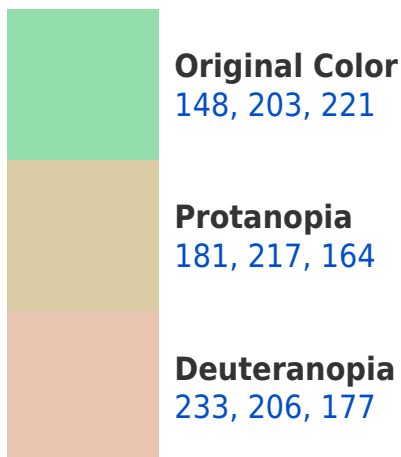


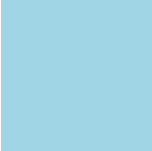
This preview shows how white text looks on a background with the RYB color 148, 203, 221.

# 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





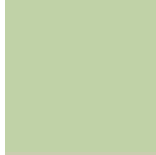
**Tritanopia**  
160, 190, 230

# Trichromacy



**Original Color**

148, 203, 221



**Protanomaly**

167, 210, 185



**Deuteranomaly**

175, 205, 178



**Tritanomaly**

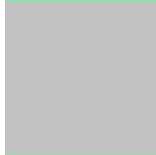
156, 188, 216

# Monochromacy



**Original Color**

148, 203, 221



**Achromatopsia**

194, 194, 194



**Achromatomaly**

177, 197, 204

# CSS Examples

## Text

The CSS property to change the color of the text to RYB 148, 203, 221 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, 221, 172)` looks like.

```
.text, #text, p{  
    color:rgb(148, 221, 172)  
}
```

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, 221, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 221, 172) }
```

## Border

The CSS property to change the border of an element to RYB 148, 203, 221 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, 221, 172) }
```

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

```
.border{ border-color:rgb(148, 221, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 221, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 221, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 221, 172);  
box-shadow:4px 4px 4px 4px rgb(148, 221,  
172) }
```

# Background

The CSS property to change the background color of an element to RYB 148, 203, 221 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 221, 172) }
```

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

```
.background{ background-color: rgb(148,  
221, 172) }
```

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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