

Converting Colors

`RYB(148, 179, 202)`

Have a look what the booklet for
RYB(148, 179, 202) contains.

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Color

$\text{RYB}(148, 179, 202)$

Conversions

Conversions Part 1

Format	Color
Hex	94CABC
RGB	148, 202, 188
RGB Percent	58%, 79%, 74%
CMY	0.4196, 0.2078, 0.2625
CMYK	0.27, 0.00, 0.07, 0.21
HSL	165°, 34%, 69%
HSV	165°, 27%, 79%
XYZ	42.4173, 52.1706, 55.4477
YIQ	184.2580, -27.6900, -15.8020

Conversions

Conversions Part 2

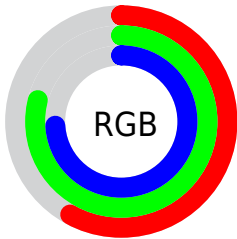
Format	Color
RYB	148, 179, 202
Decimal	9751228
CIELab	77.38, -20.42, 1.29
CIElCh	77, 20.457, 176.377
Yxy	52.1706, 0.2827, 0.3477
Android (android.graphics.Color)	4287941308 (0xFF94CABC)
YUV	184.2580, 1.8448, -31.7983
Hunter-Lab	72.2292, -21.5752, 5.0457

Details

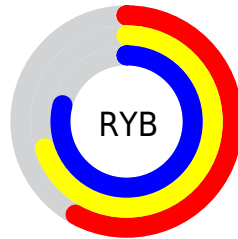
The RYB color **148, 179, 202** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **202, 148, 162**, and the grayscale version is **184, 184, 184**.

A 20% lighter version of the original color is **203, 232, 255**, and **96, 126, 148** is the 20% darker color. If you saturate the color by 10%, you get **128, 170, 202**, and if you desaturate by 10%, it is **168, 188, 202**.

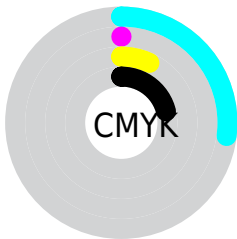
Distribution



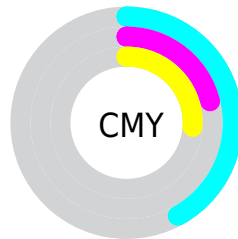
- Red (58%)
- Green (79%)
- Blue (74%)



- Red (58%)
- Yellow (70%)
- Blue (79%)



- Cyan (27%)
- Magenta (0%)
- Yellow (7%)
- Black (21%)



- Cyan (42%)
- Magenta (21%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the RYB color 148, 179, 202 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, 179, 202 by changing the saturation by 10% instead.


 148, 179, 202


255, 255, 255


 203, 232, 255

 232, 244, 255

 148, 179, 202

 121, 152, 175


 96, 126, 148

 70, 99, 122


 45, 74, 97

 19, 49, 73

 0, 28, 50

 0, 18, 30


 0, 0, 0


 148, 179, 202


 148, 179, 202

 128, 170, 202


 168, 188, 202

 108, 162, 202


 188, 196, 202

 87, 153, 202


 209, 202, 204

 67, 145, 202

 229, 202, 209

 47, 136, 202


 249, 202, 214

 27, 127, 202

 255, 202, 219

 7, 119, 202

 255, 202, 225

 0, 116, 202

 255, 202, 230

 255, 202, 235

Harmonies

Analogous

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



166, 196, 200



148, 179, 202



140, 172, 207

Triad

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



148, 179, 202



192, 187, 225



224, 196, 160

Complementary

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



148, 179, 202



202, 148, 162

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.



231, 179, 175



148, 179, 202



214, 181, 212

Square

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



148, 179, 202



167, 186, 229



227, 178, 194



183, 208, 154

Rectangle

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



148, 179, 202



143, 175, 218



227, 178, 194



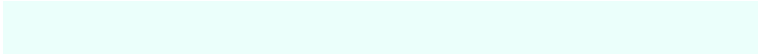
227, 187, 164

Sweetspot

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



148, 179, 202



235, 246, 255



148, 202, 188



115, 123, 128



0, 0, 0



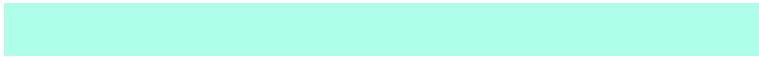
128, 128, 128

Same Dimension

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



148, 179, 202



173, 220, 255



148, 171, 202



92, 98, 102



0, 95, 166



0, 22, 38

Inverse Universe

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



202, 148, 162



255, 173, 194



202, 165, 148



102, 92, 94



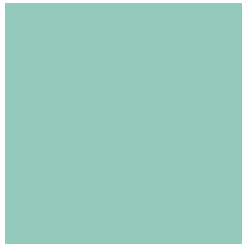
166, 0, 43



38, 0, 10

Previews

White Background



This preview shows how the RYB color 148, 179, 202 looks on a white background.

Color Contrast Check

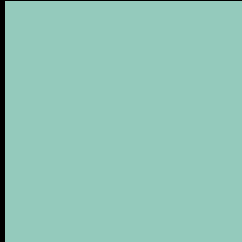
Large Text (above 18pt) WCAG AA × Fail

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, 179, 202 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, 179, 202 Background



This preview shows how black text looks on a background with the RYB color 148, 179, 202.

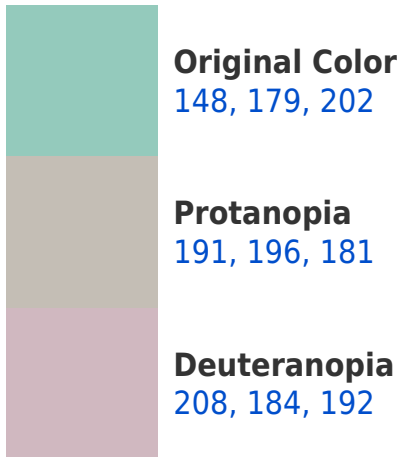


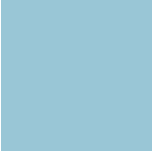
This preview shows how white text looks on a background with the RYB color 148, 179, 202.

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
153, 179, 214

Trichromacy



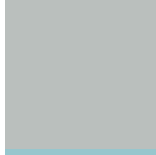
Original Color

148, 179, 202



Protanomaly

179, 190, 194



Deuteranomaly

186, 189, 191



Tritanomaly

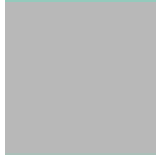
151, 176, 205

Monochromacy



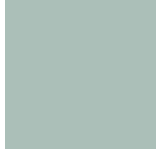
Original Color

148, 179, 202



Achromatopsia

184, 184, 184



Achromatomaly

171, 183, 191

CSS Examples

Text

The CSS property to change the color of the text to RYB 148, 179, 202 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, 202, 188)` looks like.

```
.text, #text, p{  
    color:rgb(148, 202, 188)  
}
```

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, 202, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 202, 188) }
```

Border

The CSS property to change the border of an element to RYB 148, 179, 202 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, 202, 188) }
```

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

```
.border{ border-color:rgb(148, 202, 188) }
```

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

Here you see how a box with a 4 pixel rgb(148, 202, 188) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 202, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 202, 188);  
box-shadow:4px 4px 4px 4px rgb(148, 202,  
188) }
```

Background

The CSS property to change the background color of an element to RYB 148, 179, 202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 202, 188) }
```

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

```
.background{ background-color: rgb(148,  
202, 188) }
```

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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