

Converting Colors

`RYB(148, 178, 192)`

Have a look what the booklet for
RYB(148, 178, 192) contains.

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Color

$\text{RYB}(148, 178, 192)$

Conversions

Conversions Part 1

Format	Color
Hex	94C0A9
RGB	148, 192, 169
RGB Percent	58%, 75%, 66%
CMY	0.4196, 0.2471, 0.3391
CMYK	0.23, 0.00, 0.12, 0.25
HSL	148°, 26%, 67%
HSV	148°, 23%, 75%
XYZ	38.1801, 46.8422, 44.3360
YIQ	176.2220, -18.8410, -16.4810

Conversions

Conversions Part 2

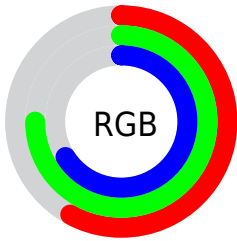
Format	Color
RYB	148, 178, 192
Decimal	9748649
CIELab	74.09, -19.39, 7.09
CIElCh	74, 20.645, 159.924
Yxy	46.8422, 0.2951, 0.3621
Android (android.graphics.Color)	4287938729 (0xFF94C0A9)
YUV	176.2220, -3.5604, -24.7507
Hunter-Lab	68.4414, -20.1961, 9.5012

Details

The RYB color **148, 178, 192** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **192, 148, 171**, and the grayscale version is **176, 176, 176**.

A 20% lighter version of the original color is **203, 235, 249**, and **96, 124, 138** is the 20% darker color. If you saturate the color by 10%, you get **129, 172, 192**, and if you desaturate by 10%, it is **167, 184, 192**.

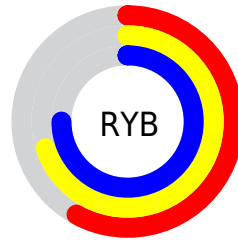
Distribution



Red (58%)

Green (75%)

Blue (66%)



Red (58%)

Yellow (70%)

Blue (75%)

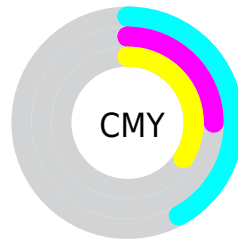


Cyan (23%)

Magenta (0%)

Yellow (12%)

Black (25%)



Cyan (42%)

Magenta (25%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the RYB color 148, 178, 192 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, 178, 192 by changing the saturation by 10% instead.


 148, 178, 192


255, 255, 255


 203, 235, 249


 231, 244, 255

 148, 178, 192

 122, 151, 165

 96, 124, 138

 72, 100, 113

 48, 75, 88


 24, 51, 65

 0, 26, 42

 0, 23, 23


 0, 0, 0


 148, 178, 192


 148, 178, 192


 129, 172, 192


 167, 184, 192

 110, 166, 192


 186, 190, 192


 90, 159, 192


 206, 192, 199

 71, 153, 192


 225, 192, 209

 52, 148, 192


 244, 192, 220

 33, 142, 192

 255, 192, 230

 14, 135, 192

 255, 192, 240

 0, 131, 192

 255, 192, 250

 255, 192, 255

Harmonies

Analogous

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



153, 188, 172



148, 178, 192



133, 164, 193

Triad

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



148, 178, 192



169, 179, 219



219, 174, 159

Complementary

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



148, 178, 192



192, 148, 171

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.



221, 169, 176



148, 178, 192



193, 175, 211

Square

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



148, 178, 192



145, 172, 217



212, 170, 196



208, 206, 147

Rectangle

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



148, 178, 192



130, 163, 200



212, 170, 196



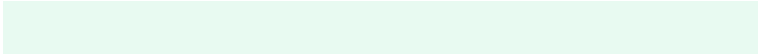
221, 171, 164

Sweetspot

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



148, 178, 192



232, 244, 250



148, 192, 169



115, 122, 125



252, 252, 252



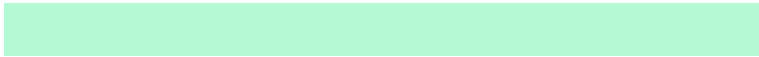
125, 125, 125

Same Dimension

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



148, 178, 192



180, 228, 250



148, 171, 192



87, 94, 97



0, 110, 161



0, 23, 33

Inverse Universe

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



192, 148, 171



250, 180, 217



192, 148, 149



97, 87, 92



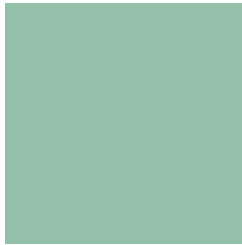
161, 0, 86



33, 0, 18

Previews

White Background



This preview shows how the RYB color 148, 178, 192 looks on a white background.

Color Contrast Check

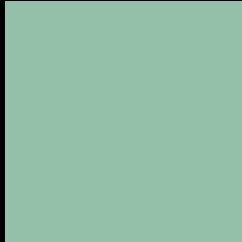
Large Text (above 18pt) WCAG AA × Fail

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, 178, 192 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

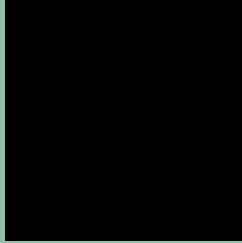
Any Text WCAG AA ✓ Pass

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, 178, 192 Background



This preview shows how black text looks on a background with the RYB color 148, 178, 192.

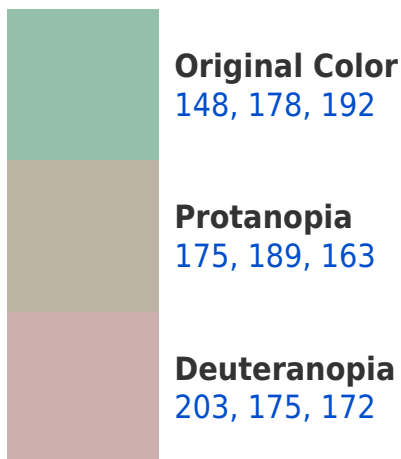


This preview shows how white text looks on a background with the RYB color 148, 178, 192.

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
154, 174, 202

Trichromacy



Original Color
148, 178, 192

Protanomaly
165, 185, 176

Deuteranomaly
173, 183, 171

Tritanomaly
152, 171, 190

Monochromacy



Original Color
148, 178, 192

Achromatopsia
176, 176, 176

Achromatomaly
166, 177, 182

CSS Examples

Text

The CSS property to change the color of the text to RYB 148, 178, 192 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, 192, 169)` looks like.

```
.text, #text, p{  
    color:rgb(148, 192, 169)  
}
```

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, 192, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 192, 169) }
```

Border

The CSS property to change the border of an element to RYB 148, 178, 192 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, 192, 169) }
```

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

```
.border{ border-color:rgb(148, 192, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 192, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 192, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 192, 169);  
box-shadow:4px 4px 4px 4px rgb(148, 192,  
169) }
```

Background

The CSS property to change the background color of an element to RYB 148, 178, 192 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 192, 169) }
```

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

```
.background{ background-color: rgb(148,  
192, 169) }
```

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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