

Converting Colors

`RYB(148, 163, 177)`

Have a look what the booklet for RYB(148, 163, 177) contains.

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Color

R_YB(148, 163, 177)

Conversions

Conversions Part 1

Format	Color
Hex	94B1AF
RGB	148, 177, 175
RGB Percent	58%, 69%, 69%
CMY	0.4196, 0.3059, 0.3135
CMYK	0.16, 0.00, 0.01, 0.31
HSL	176°, 16%, 64%
HSV	176°, 16%, 69%
XYZ	35.6793, 40.8379, 46.5938
YIQ	168.1010, -16.6420, -6.7700

Conversions

Conversions Part 2

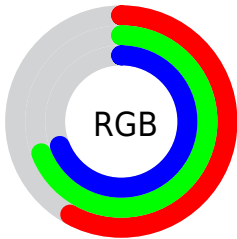
Format	Color
RYB	148, 163, 177
Decimal	9744815
CIELab	70.06, -10.27, -2.33
CIElCh	70, 10.533, 192.783
Yxy	40.8379, 0.2898, 0.3317
Android (android.graphics.Color)	4287934895 (0xFF94B1AF)
YUV	168.1010, 3.4012, -17.6286
Hunter-Lab	63.9046, -12.1726, 1.5040

Details

The RYB color **148, 163, 177** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **177, 148, 150**, and the grayscale version is **168, 168, 168**.

A 20% lighter version of the original color is **202, 218, 233**, and **97, 111, 124** is the 20% darker color. If you saturate the color by 10%, you get **130, 154, 177**, and if you desaturate by 10%, it is **166, 172, 177**.

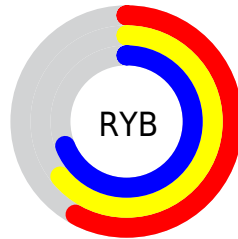
Distribution



Red (58%)

Green (69%)

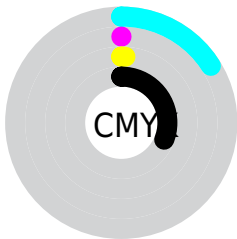
Blue (69%)



Red (58%)

Yellow (64%)

Blue (69%)

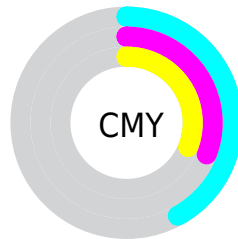


Cyan (16%)

Magenta (0%)

Yellow (1%)

Black (31%)



Cyan (42%)

Magenta (31%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the RYB color 148, 163, 177 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, 163, 177 by changing the saturation by 10% instead.

 148, 163, 177


255, 255, 255

 202, 218, 233

 231, 243, 255

 148, 163, 177

 122, 137, 150

 97, 111, 124

 73, 86, 99

 49, 63, 76

 27, 40, 53

 5, 18, 31

 0, 1, 6

 0, 0, 0

 148, 163, 177

 148, 163, 177

■ 130, 154, 177

■ 166, 172, 177

■ 113, 146, 177

■ 183, 177, 177

■ 95, 137, 177

■ 201, 177, 179

■ 77, 129, 177

■ 219, 177, 180

■ 60, 121, 177

■ 237, 177, 181

■ 42, 112, 177

■ 254, 177, 182

■ 24, 103, 177

■ 255, 177, 183

■ 6, 94, 177

■ 255, 177, 185

■ 0, 92, 177

■ 255, 177, 186

Harmonies

Analogous

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



154, 170, 177



148, 163, 177



148, 164, 184

Triad

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



148, 163, 177



178, 168, 185



185, 185, 153

Complementary

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



148, 163, 177



177, 148, 150

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.



191, 168, 159



148, 163, 177



187, 165, 177

Square

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



148, 163, 177



166, 170, 190



192, 165, 167



156, 175, 153

Rectangle

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



148, 163, 177



152, 166, 188



192, 165, 167



187, 177, 155

Sweetspot

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



148, 163, 177



218, 224, 230



148, 177, 175



108, 112, 115



242, 242, 242



115, 115, 115

Same Dimension

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



148, 163, 177



184, 208, 230



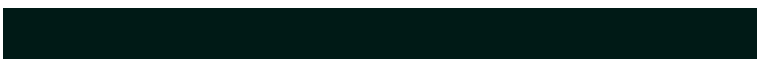
148, 158, 177



80, 85, 89



0, 79, 153



0, 14, 26

Inverse Universe

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



177, 148, 150



230, 184, 187



177, 172, 148



89, 80, 81



153, 0, 10



26, 0, 2

Previews

White Background



This preview shows how the RYB color 148, 163, 177 looks on a white background.

Color Contrast Check

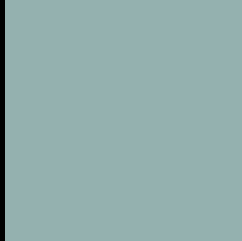
Large Text (above 18pt) WCAG AA × Fail

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, 163, 177 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

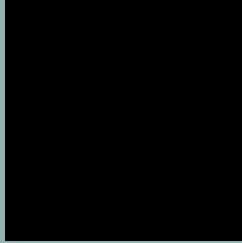
Any Text WCAG AA ✓ Pass

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, 163, 177 Background



This preview shows how black text looks on a background with the RYB color 148, 163, 177.

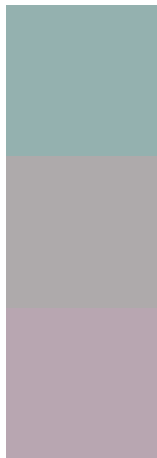


This preview shows how white text looks on a background with the RYB color 148, 163, 177.

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, 163, 177

Protanopia
174, 170, 171

Deuteranopia
184, 166, 177



Tritanopia
151, 166, 189

Trichromacy



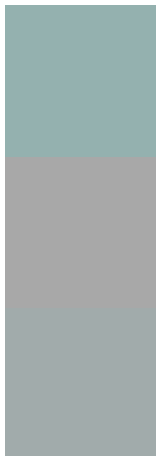
Original Color
148, 163, 177

Protanomaly
165, 169, 173

Deuteranomaly
171, 170, 176

Tritanomaly
150, 165, 184

Monochromacy



Original Color
148, 163, 177

Achromatopsia
168, 168, 168

Achromatomaly
161, 166, 171

CSS Examples

Text

The CSS property to change the color of the text to RYB 148, 163, 177 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, 177, 175)` looks like.

```
.text, #text, p{  
    color:rgb(148, 177, 175)  
}
```

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, 177, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 177, 175) }
```

Border

The CSS property to change the border of an element to RYB 148, 163, 177 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, 177, 175) }
```

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

```
.border{ border-color:rgb(148, 177, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 177, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 177, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 177, 175);  
box-shadow:4px 4px 4px 4px rgb(148, 177,  
175) }
```

Background

The CSS property to change the background color of an element to RYB 148, 163, 177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 177, 175) }
```

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

```
.background{ background-color: rgb(148,  
177, 175) }
```

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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