

Converting Colors

`RYB(147, 174, 203)`

Have a look what the booklet for
RYB(147, 174, 203) contains.

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Color

$\text{RYB}(147, 174, 203)$

Conversions

Conversions Part 1

Format	Color
Hex	93C7CB
RGB	147, 199, 203
RGB Percent	58%, 78%, 80%
CMY	0.4235, 0.2191, 0.2039
CMYK	0.28, 0.02, 0.00, 0.20
HSL	184°, 35%, 69%
HSV	184°, 28%, 80%
XYZ	43.2673, 51.4252, 64.1455
YIQ	183.9080, -32.2760, -9.7800

Conversions

Conversions Part 2

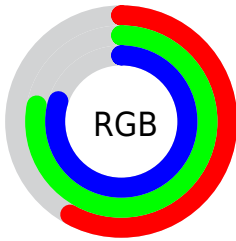
Format	Color
RYB	147, 174, 203
Decimal	9684939
CIELab	76.94, -15.96, -7.43
CIELCh	77, 17.599, 204.961
Yxy	51.4252, 0.2724, 0.3238
Android (android.graphics.Color)	4287875019 (0xFF93C7CB)
YUV	183.9080, 9.4124, -32.3683
Hunter-Lab	71.7114, -17.7963, -2.8367

Details

The RYB color **147, 174, 203** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **203, 151, 147**, and the grayscale version is **184, 184, 184**.

A 20% lighter version of the original color is **202, 229, 255**, and **94, 120, 149** is the 20% darker color. If you saturate the color by 10%, you get **127, 164, 203**, and if you desaturate by 10%, it is **167, 184, 203**.

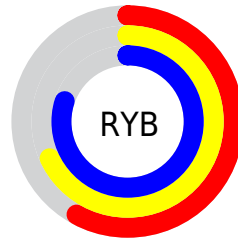
Distribution



Red (58%)

Green (78%)

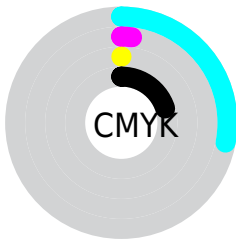
Blue (80%)



Red (58%)

Yellow (68%)

Blue (80%)

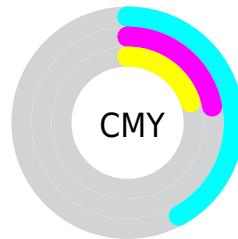


Cyan (28%)

Magenta (2%)

Yellow (0%)

Black (20%)



Cyan (42%)


Magenta (22%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the RYB color 147, 174, 203 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 147, 174, 203 by changing the saturation by 10% instead.


 147, 174, 203


255, 255, 255

 202, 229, 255


 231, 243, 255

 147, 174, 203

 120, 147, 176

 94, 120, 149

 69, 95, 123

 43, 70, 98

 14, 43, 75

 0, 25, 52

 0, 15, 31

 0, 0, 5

 0, 0, 0

■ 147, 174, 203

■ 147, 174, 203

■ 127, 164, 203

■ 167, 184, 203

■ 106, 153, 203

■ 188, 195, 203

■ 86, 142, 203

■ 208, 203, 203

■ 66, 132, 203

■ 228, 205, 203

■ 46, 122, 203

■ 249, 206, 203

■ 25, 111, 203

■ 255, 209, 203

■ 5, 100, 203

■ 255, 210, 203

■ 0, 98, 203

■ 255, 211, 203

■ 255, 214, 203

Harmonies

Analogous

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



154, 180, 199



147, 174, 203



152, 178, 216

Triad

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



147, 174, 203



209, 182, 209



187, 206, 158

Complementary

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



147, 174, 203



203, 151, 147

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.



219, 193, 164



147, 174, 203



221, 179, 193

Square

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



147, 174, 203



190, 187, 219



224, 179, 177



160, 193, 165

Rectangle

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



147, 174, 203



162, 183, 221



224, 179, 177



207, 211, 159

Sweetspot

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



147, 174, 203



235, 245, 255



147, 199, 203



115, 121, 128



0, 0, 0



128, 128, 128

Same Dimension

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



147, 174, 203



171, 211, 255



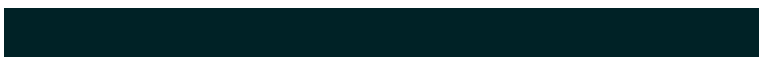
147, 164, 203



92, 97, 102



0, 80, 166



0, 18, 38

Inverse Universe

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



203, 147, 199



255, 171, 249



189, 203, 147



102, 92, 101



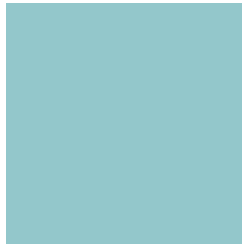
166, 0, 154



38, 0, 36

Previews

White Background



This preview shows how the RYB color 147, 174, 203 looks on a white background.

Color Contrast Check

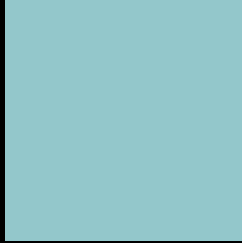
Large Text (above 18pt) WCAG AA × Fail

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 147, 174, 203 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

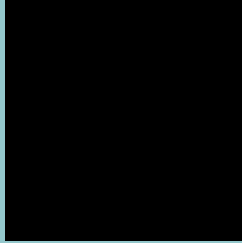
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

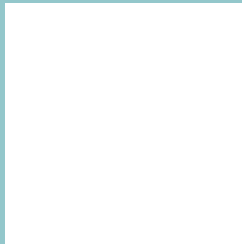
Any Text WCAG AAA ✓ Pass

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

RYB 147, 174, 203 Background



This preview shows how black text looks on a background with the RYB color 147, 174, 203.

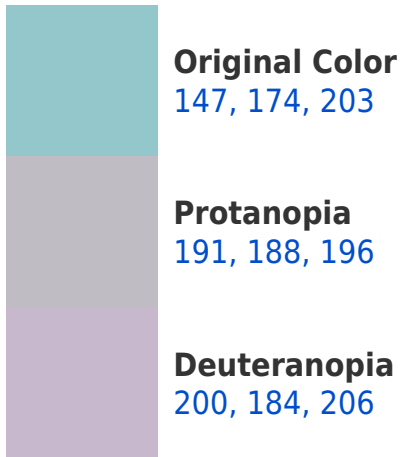


This preview shows how white text looks on a background with the RYB color 147, 174, 203.

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
149, 177, 213

Trichromacy



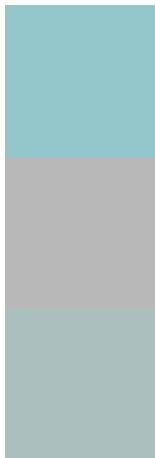
Original Color
147, 174, 203

Protanomaly
175, 185, 199

Deuteranomaly
181, 188, 205

Tritanomaly
148, 175, 209

Monochromacy



Original Color
147, 174, 203

Achromatopsia
184, 184, 184

Achromatomaly
171, 181, 191

CSS Examples

Text

The CSS property to change the color of the text to RYB 147, 174, 203 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(147, 199, 203)` looks like.

```
.text, #text, p{  
    color:rgb(147, 199, 203)  
}
```

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(147, 199, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 199, 203) }
```

Border

The CSS property to change the border of an element to RYB 147, 174, 203 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(147, 199, 203) }
```

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

```
.border{ border-color:rgb(147, 199, 203) }
```

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

Here you see how a box with a 4 pixel rgb(147, 199, 203) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 199, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 199, 203);  
box-shadow:4px 4px 4px 4px rgb(147, 199,  
203) }
```

Background

The CSS property to change the background color of an element to RYB 147, 174, 203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 199, 203) }
```

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

```
.background{ background-color: rgb(147,  
199, 203) }
```

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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