

Converting Colors

`RYB(167, 194, 212)`

Have a look what the booklet for
RYB(167, 194, 212) contains.

RYB(167, 194, 212)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(167, 194, 212)

Conversions

Conversions Part 1

Format	Color
Hex	A7D4C5
RGB	167, 212, 197
RGB Percent	65%, 83%, 77%
CMY	0.3451, 0.1686, 0.2275
CMYK	0.21, 0.00, 0.07, 0.17
HSL	160°, 34%, 74%
HSV	160°, 21%, 83%
XYZ	49.5579, 59.3337, 61.6639
YIQ	196.8350, -22.0050, -14.2050

Conversions

Conversions Part 2

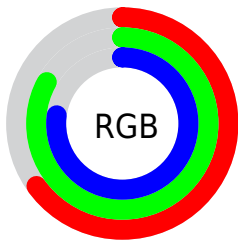
Format	Color
RYB	167, 194, 212
Decimal	10998981
CIELab	81.47, -17.72, 2.59
CIELCh	81, 17.904, 171.684
Yxy	59.3337, 0.2906, 0.3479
Android (android.graphics.Color)	4289189061 (0xFFA7D4C5)
YUV	196.8350, 0.0813, -26.1653
Hunter-Lab	77.0284, -19.9577, 6.4561

Details

The RYB color **167, 194, 212** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **212, 167, 182**, and the grayscale version is **197, 197, 197**.

A 20% lighter version of the original color is **223, 239, 255**, and **114, 140, 157** is the 20% darker color. If you saturate the color by 10%, you get **146, 186, 212**, and if you desaturate by 10%, it is **188, 202, 212**.

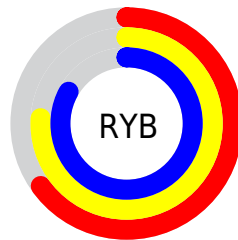
Distribution



Red (65%)

Green (83%)

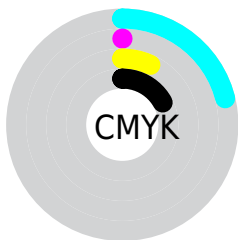
Blue (77%)



Red (65%)

Yellow (76%)

Blue (83%)

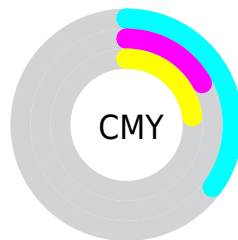


Cyan (21%)

Magenta (0%)

Yellow (7%)

Black (17%)



Cyan (35%)

Magenta (17%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the RYB color 167, 194, 212 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 167, 194, 212 by changing the saturation by 10% instead.

■ 167, 194, 212

255, 255, 255

■ 223, 239, 255

■ 252, 254, 255

■ 167, 194, 212

■ 140, 166, 184

■ 114, 140, 157

■ 89, 114, 131

■ 64, 89, 106


■ 41, 64, 81


■ 16, 40, 58


■ 0, 21, 36

■ 0, 10, 10

■ 0, 0, 0

 167, 194, 212

 167, 194, 212

 146, 186, 212


 188, 202, 212

 125, 177, 212


 209, 211, 212

 103, 168, 212


 231, 212, 218

 82, 160, 212


 252, 212, 225

 61, 151, 212

 255, 212, 232

 40, 143, 212

 255, 212, 239

 19, 135, 212

 255, 212, 246

 0, 127, 212

 255, 212, 254

 255, 212, 255

Harmonies

Analogous

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



181, 210, 208



167, 194, 212



159, 186, 214

Triad

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



167, 194, 212



200, 200, 233



233, 204, 177

Complementary

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



167, 194, 212



212, 167, 182

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.



238, 191, 191



167, 194, 212



220, 194, 223

Square

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



167, 194, 212



178, 196, 235



234, 191, 208



203, 220, 170

Rectangle

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



167, 194, 212



160, 188, 224



234, 191, 208



236, 196, 181

Sweetspot

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



167, 194, 212



240, 249, 255



167, 212, 197



119, 124, 128



0, 0, 0



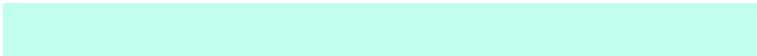
128, 128, 128

Same Dimension

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



167, 194, 212



191, 229, 255



167, 187, 212



96, 102, 107



0, 103, 171



0, 26, 43

Inverse Universe

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



212, 167, 182



255, 191, 213



212, 177, 167



107, 96, 100



171, 0, 57



43, 0, 14

Previews

White Background



This preview shows how the RYB color 167, 194, 212 looks on a white background.

Color Contrast Check

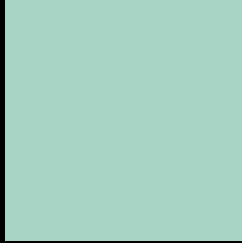
Large Text (above 18pt) WCAG AA × Fail

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 167, 194, 212 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

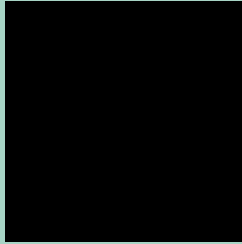
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

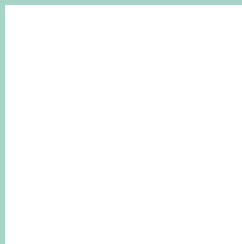
Any Text WCAG AAA ✓ Pass

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

RYB 167, 194, 212 Background



This preview shows how black text looks on a background with the RYB color 167, 194, 212.

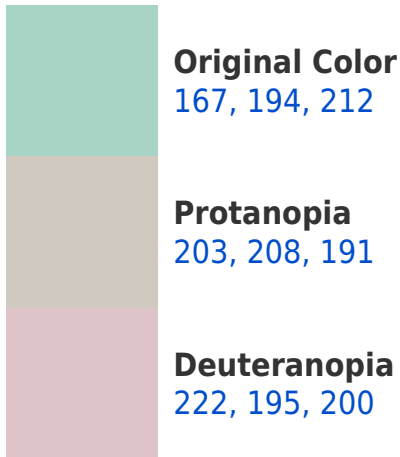


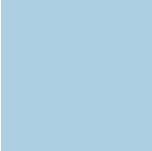
This preview shows how white text looks on a background with the RYB color 167, 194, 212.

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
172, 193, 225

Trichromacy



Original Color
167, 194, 212

Protanomaly
193, 205, 205

Deuteranomaly
201, 202, 199

Tritanomaly
170, 191, 215

Monochromacy



Original Color
167, 194, 212

Achromatopsia
197, 197, 197

Achromatomaly
186, 195, 202

CSS Examples

Text

The CSS property to change the color of the text to RYB 167, 194, 212 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(167, 212, 197)` looks like.

```
.text, #text, p{  
    color:rgb(167, 212, 197)  
}
```

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(167, 212, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 212, 197) }
```

Border

The CSS property to change the border of an element to RYB 167, 194, 212 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(167, 212, 197) }
```

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

```
.border{ border-color:rgb(167, 212, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 212, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(167, 212, 197); -webkit-box-shadow:4px 4px 4px 4px rgb(167, 212, 197); box-shadow:4px 4px 4px 4px rgb(167, 212, 197) }
```

Background

The CSS property to change the background color of an element to RYB 167, 194, 212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 212, 197) }
```

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

```
.background{ background-color: rgb(167,  
212, 197) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor