

Converting Colors

`RYB(174, 201, 218)`

Have a look what the booklet for
RYB(174, 201, 218) contains.

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Color

R_YB(174, 201, 218)

Conversions

Conversions Part 1

Format	Color
Hex	AEDACA
RGB	174, 218, 202
RGB Percent	68%, 85%, 79%
CMY	0.3176, 0.1451, 0.2090
CMYK	0.20, 0.00, 0.07, 0.15
HSL	158°, 37%, 77%
HSV	158°, 20%, 85%
XYZ	53.1526, 63.3917, 65.1277
YIQ	203.0200, -21.0880, -14.3040

Conversions

Conversions Part 2

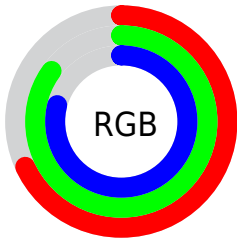
Format	Color
RYB	174, 201, 218
Decimal	11459274
CIELab	83.65, -17.58, 3.29
CIELCh	84, 17.885, 169.385
Yxy	63.3917, 0.2926, 0.3489
Android (android.graphics.Color)	4289649354 (0xFFFAEDACA)
YUV	203.0200, -0.5029, -25.4505
Hunter-Lab	79.6189, -20.1688, 7.2344

Details

The RYB color **174, 201, 218** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **218, 174, 190**, and the grayscale version is **203, 203, 203**.

A 20% lighter version of the original color is **230, 243, 255**, and **121, 147, 163** is the 20% darker color. If you saturate the color by 10%, you get **152, 192, 218**, and if you desaturate by 10%, it is **196, 209, 218**.

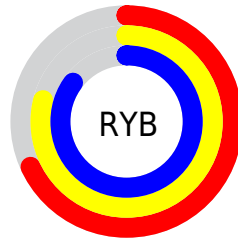
Distribution



Red (68%)

Green (85%)

Blue (79%)



Red (68%)

Yellow (79%)

Blue (85%)

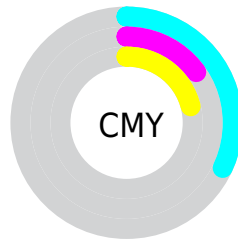


Cyan (20%)

Magenta (0%)

Yellow (7%)

Black (15%)



Cyan (32%)

Magenta (15%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the RYB color 174, 201, 218 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 174, 201, 218 by changing the saturation by 10% instead.

■ 174, 201, 218

255, 255, 255

■ 230, 243, 255

■ 174, 201, 218

■ 147, 173, 190

■ 121, 147, 163

■ 95, 121, 137

■ 71, 95, 111

■ 47, 71, 87

■ 23, 47, 63


■ 0, 24, 41

■ 0, 17, 21


■ 0, 0, 0

 174, 201, 218

 174, 201, 218

 152, 192, 218


 196, 209, 218

 130, 184, 218


 218, 218, 218

 109, 176, 218


 239, 218, 226

 87, 168, 218


 255, 218, 234

 65, 159, 218

 255, 218, 242

 43, 150, 218

 255, 218, 250

 21, 142, 218

 255, 218, 255

 0, 134, 218

Harmonies

Analogous

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



186, 215, 210



174, 201, 218



165, 192, 219

Triad

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



174, 201, 218



204, 206, 240



240, 206, 184

Complementary

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



174, 201, 218



218, 174, 190

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.



244, 197, 198



174, 201, 218



225, 201, 231

Square

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



174, 201, 218



183, 202, 241



239, 197, 215



217, 228, 176

Rectangle

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



174, 201, 218



165, 194, 229



239, 197, 215



243, 202, 188

Sweetspot

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



174, 201, 218



240, 249, 255



174, 218, 201



119, 125, 128



0, 0, 0



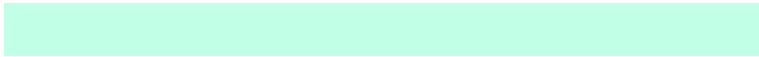
128, 128, 128

Same Dimension

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



174, 201, 218



194, 232, 255



174, 195, 218



99, 106, 110



0, 106, 173



0, 28, 46

Inverse Universe

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



218, 174, 190



255, 194, 216



218, 180, 174



110, 99, 103



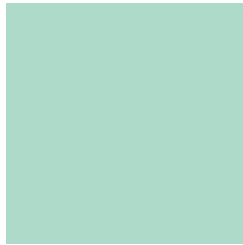
173, 0, 64



46, 0, 17

Previews

White Background



This preview shows how the RYB color 174, 201, 218 looks on a white background.

Color Contrast Check

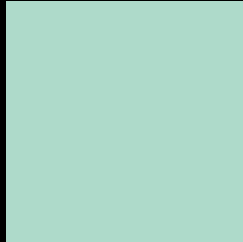
Large Text (above 18pt) WCAG AA × Fail

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 174, 201, 218 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

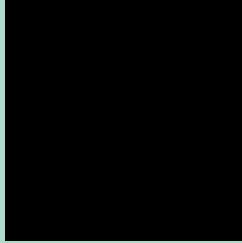
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

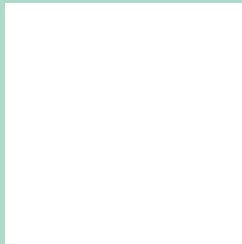
Any Text WCAG AAA ✓ Pass

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

RYB 174, 201, 218 Background



This preview shows how black text looks on a background with the RYB color 174, 201, 218.

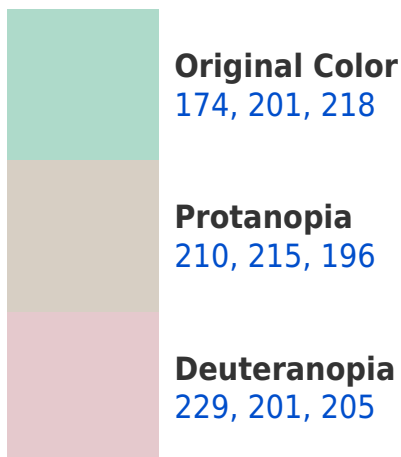


This preview shows how white text looks on a background with the RYB color 174, 201, 218.

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
179, 200, 231

Trichromacy



Original Color

174, 201, 218

Protanomaly

198, 211, 209

Deuteranomaly

207, 209, 204

Tritanomaly

177, 197, 220

Monochromacy



Original Color

174, 201, 218

Achromatopsia

203, 203, 203

Achromatomaly

192, 201, 208

CSS Examples

Text

The CSS property to change the color of the text to RYB 174, 201, 218 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(174, 218, 202)` looks like.

```
.text, #text, p{  
    color:rgb(174, 218, 202)  
}
```

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(174, 218, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 218, 202) }
```

Border

The CSS property to change the border of an element to RYB 174, 201, 218 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(174, 218, 202) }
```

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

```
.border{ border-color:rgb(174, 218, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 218, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 218, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 218, 202);  
box-shadow:4px 4px 4px 4px rgb(174, 218,  
202) }
```

Background

The CSS property to change the background color of an element to RYB 174, 201, 218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 218, 202) }
```

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

```
.background{ background-color: rgb(174,  
218, 202) }
```

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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