

Converting Colors

`RYB(174, 192, 204)`

Have a look what the booklet for
RYB(174, 192, 204) contains.

RYB(174, 192, 204)	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(174, 192, 204)

Conversions

Conversions Part 1

Format	Color
Hex	AECCCC
RGB	174, 204, 194
RGB Percent	68%, 80%, 76%
CMY	0.3176, 0.2000, 0.2392
CMYK	0.15, 0.00, 0.05, 0.20
HSL	160°, 23%, 74%
HSV	160°, 15%, 80%
XYZ	48.7860, 56.0794, 59.2921
YIQ	193.8900, -14.6700, -9.4700

Conversions

Conversions Part 2

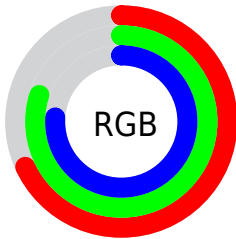
Format	Color
RYB	174, 192, 204
Decimal	11455682
CIELab	79.66, -11.99, 1.61
CIElCh	80, 12.097, 172.360
Yxy	56.0794, 0.2972, 0.3416
Android (android.graphics.Color)	4289645762 (0xFFFAECCC2)
YUV	193.8900, 0.0542, -17.4435
Hunter-Lab	74.8862, -14.7637, 5.4768

Details

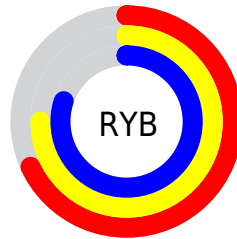
The RYB color **174, 192, 204** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **204, 174, 184**, and the grayscale version is **194, 194, 194**.

A 20% lighter version of the original color is **230, 244, 255**, and **121, 139, 150** is the 20% darker color. If you saturate the color by 10%, you get **154, 184, 204**, and if you desaturate by 10%, it is **194, 200, 204**.

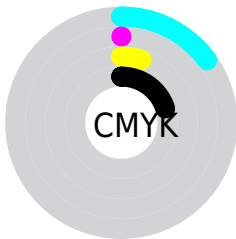
Distribution



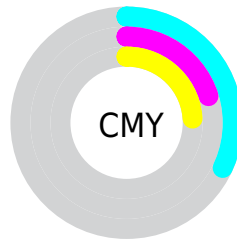
- Red (68%)
- Green (80%)
- Blue (76%)



- Red (68%)
- Yellow (75%)
- Blue (80%)



- Cyan (15%)
- Magenta (0%)
- Yellow (5%)
- Black (20%)




- Cyan (32%)
- Magenta (20%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the RYB color 174, 192, 204 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, 192, 204 by changing the saturation by 10% instead.


 174, 192, 204


255, 255, 255

 230, 244, 255

 174, 192, 204

 147, 165, 177

 121, 139, 150

 96, 113, 124


 72, 88, 99


 49, 64, 75


 27, 42, 52

 5, 20, 31


 0, 0, 0

 174, 192, 204

 174, 192, 204

 154, 184, 204


 194, 200, 204

 133, 176, 204


 215, 204, 208

 113, 167, 204


 235, 204, 214

 92, 159, 204


 255, 204, 221

 72, 151, 204


 255, 204, 228

 52, 143, 204

 255, 204, 235

 31, 135, 204

 255, 204, 242

 11, 127, 204

 255, 204, 248

 0, 122, 204

 255, 204, 255

Harmonies

Analogous

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



183, 202, 200



174, 192, 204



169, 187, 206

Triad

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



174, 192, 204



196, 196, 218



219, 197, 180

Complementary

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



174, 192, 204



204, 174, 184

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.



222, 190, 189



174, 192, 204



210, 192, 211

Square

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



174, 192, 204



182, 194, 219



219, 190, 201



198, 210, 175

Rectangle

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



174, 192, 204



170, 188, 212



219, 190, 201



220, 193, 183

Sweetspot

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



174, 192, 204



245, 251, 255



174, 204, 194



121, 125, 128



0, 0, 0



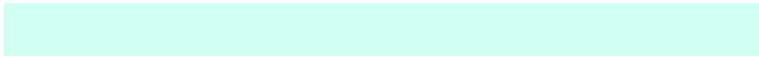
128, 128, 128

Same Dimension

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



174, 192, 204



209, 236, 255



174, 188, 204



92, 98, 102



0, 100, 166



0, 23, 38

Inverse Universe

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



204, 174, 184



255, 209, 224



204, 180, 174



102, 92, 95



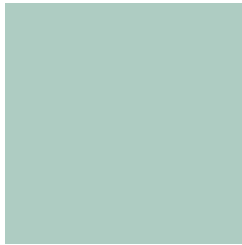
166, 0, 55



38, 0, 13

Previews

White Background



This preview shows how the RYB color 174, 192, 204 looks on a white background.

Color Contrast Check

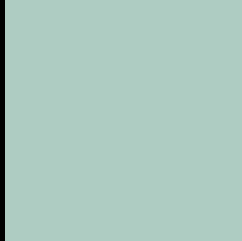
Large Text (above 18pt) WCAG AA × Fail

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, 192, 204 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

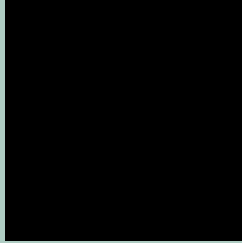
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

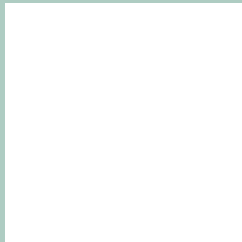
Any Text WCAG AAA ✓ Pass

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

RYB 174, 192, 204 Background



This preview shows how black text looks on a background with the RYB color 174, 192, 204.

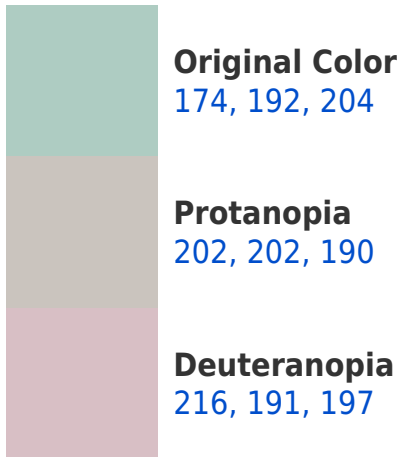


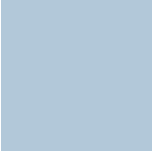
This preview shows how white text looks on a background with the RYB color 174, 192, 204.

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
178, 192, 217

Trichromacy



Original Color

174, 192, 204

Protanomaly

191, 199, 198

Deuteranomaly

201, 196, 196

Tritanomaly

177, 191, 209

Monochromacy



Original Color

174, 192, 204

Achromatopsia

194, 194, 194

Achromatomaly

187, 194, 198

CSS Examples

Text

The CSS property to change the color of the text to RYB 174, 192, 204 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, 204, 194)` looks like.

```
.text, #text, p{  
    color:rgb(174, 204, 194)  
}
```

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, 204, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 204, 194) }
```

Border

The CSS property to change the border of an element to RYB 174, 192, 204 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, 204, 194) }
```

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

```
.border{ border-color:rgb(174, 204, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 204, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 204, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 204, 194);  
box-shadow:4px 4px 4px 4px rgb(174, 204,  
194) }
```

Background

The CSS property to change the background color of an element to RYB 174, 192, 204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 204, 194) }
```

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

```
.background{ background-color: rgb(174,  
204, 194) }
```

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