

Converting Colors

`RYB(175, 193, 208)`

Have a look what the booklet for
RYB(175, 193, 208) contains.

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Color

R_YB(175, 193, 208)

Conversions

Conversions Part 1

Format	Color
Hex	AFD0CB
RGB	175, 208, 203
RGB Percent	69%, 82%, 80%
CMY	0.3137, 0.1843, 0.2059
CMYK	0.16, 0.00, 0.03, 0.18
HSL	170°, 26%, 75%
HSV	170°, 16%, 82%
XYZ	50.9551, 58.5137, 64.7967
YIQ	197.5630, -18.0630, -8.5510

Conversions

Conversions Part 2

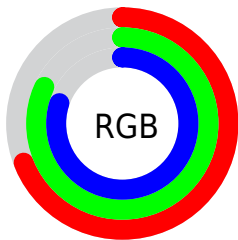
Format	Color
RYB	175, 193, 208
Decimal	11522251
CIELab	81.02, -12.02, -0.94
CIElCh	81, 12.061, 184.491
Yxy	58.5137, 0.2924, 0.3358
Android (android.graphics.Color)	4289712331 (0xFFAFD0CB)
YUV	197.5630, 2.6804, -19.7878
Hunter-Lab	76.4943, -14.9609, 3.3227

Details

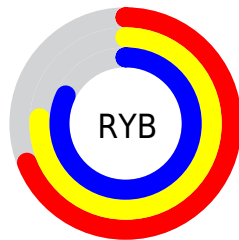
The RYB color **175, 193, 208** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **208, 175, 181**, and the grayscale version is **197, 197, 197**.

A 20% lighter version of the original color is **231, 243, 255**, and **122, 139, 154** is the 20% darker color. If you saturate the color by 10%, you get **154, 183, 208**, and if you desaturate by 10%, it is **196, 203, 208**.

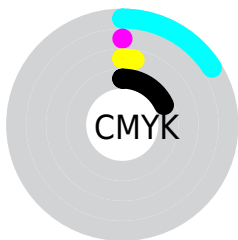
Distribution



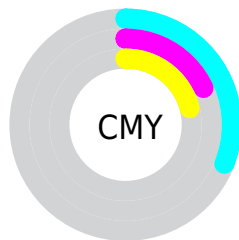
- Red (69%)
- Green (82%)
- Blue (80%)



- Red (69%)
- Yellow (76%)
- Blue (82%)



- Cyan (16%)
- Magenta (0%)
- Yellow (3%)
- Black (18%)




- Cyan (31%)
- Magenta (18%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the RYB color 175, 193, 208 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 175, 193, 208 by changing the saturation by 10% instead.

 175, 193, 208


255, 255, 255

 231, 243, 255

 175, 193, 208

 148, 165, 180

 122, 140, 154

 97, 114, 128

 73, 89, 102

 49, 65, 78

 27, 42, 55


 4, 20, 34

 0, 4, 7

 0, 0, 0

 175, 193, 208

 175, 193, 208

 154, 183, 208


 196, 203, 208

 133, 174, 208


 217, 208, 209

 113, 165, 208


 237, 208, 213

 92, 155, 208


 255, 208, 216

 71, 146, 208


 255, 208, 220

 50, 136, 208


 255, 208, 223

 29, 127, 208

 255, 208, 227

 9, 117, 208

 255, 208, 230

 0, 114, 208

 255, 208, 234

Harmonies

Analogous

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



184, 202, 207



175, 193, 208



173, 191, 213

Triad

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



175, 193, 208



206, 198, 220



219, 209, 181

Complementary

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



175, 193, 208



208, 175, 181

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.



225, 196, 189



175, 193, 208



218, 195, 211

Square

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



175, 193, 208



191, 199, 223



225, 194, 200



190, 209, 179

Rectangle

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



175, 193, 208



176, 194, 219



225, 194, 200



222, 203, 183

Sweetspot

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



175, 193, 208



242, 249, 255



175, 208, 203



120, 125, 128



0, 0, 0



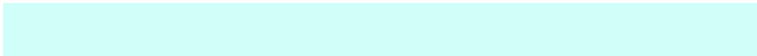
128, 128, 128

Same Dimension

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



175, 193, 208



207, 233, 255



175, 189, 208



94, 100, 105



0, 92, 168



0, 22, 41

Inverse Universe

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



208, 175, 181



255, 207, 215



208, 192, 175



105, 94, 96



168, 0, 28



41, 0, 7

Previews

White Background



This preview shows how the RYB color 175, 193, 208 looks on a white background.

Color Contrast Check

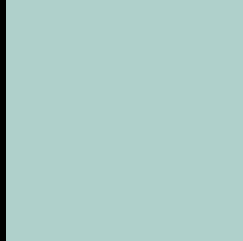
Large Text (above 18pt) WCAG AA × Fail

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 175, 193, 208 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

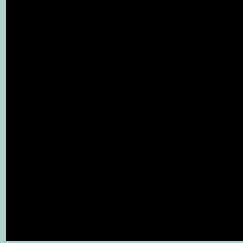
Any Text WCAG AA ✓ Pass

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](#).

R Y B 175, 193, 208 Background



This preview shows how black text looks on a background with the R Y B color 175, 193, 208.

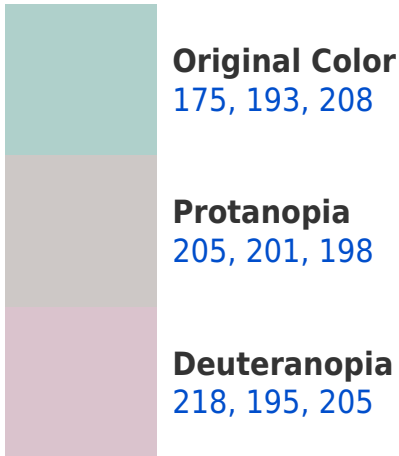


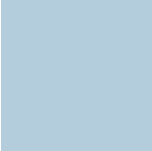
This preview shows how white text looks on a background with the R Y B color 175, 193, 208.

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, 195, 221

Trichromacy



Original Color
175, 193, 208

Protanomaly
194, 199, 203

Deuteranomaly
202, 200, 204

Tritanomaly
178, 194, 214

Monochromacy



Original Color
175, 193, 208

Achromatopsia
198, 198, 198

Achromatomaly
190, 197, 202

CSS Examples

Text

The CSS property to change the color of the text to RYB 175, 193, 208 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(175, 208, 203)` looks like.

```
.text, #text, p{  
    color:rgb(175, 208, 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(175, 208, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 208, 203) }
```

Border

The CSS property to change the border of an element to RYB 175, 193, 208 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(175, 208, 203) }
```

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

```
.border{ border-color:rgb(175, 208, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 208, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 208, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 208, 203);  
box-shadow:4px 4px 4px 4px rgb(175, 208,  
203) }
```

Background

The CSS property to change the background color of an element to RYB 175, 193, 208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 208, 203) }
```

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

```
.background{ background-color: rgb(175,  
208, 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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