

Converting Colors

`RYB(171, 194, 205)`

Have a look what the booklet for
RYB(171, 194, 205) contains.

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Color

R_YB(171, 194, 205)

Conversions

Conversions Part 1

Format	Color
Hex	ABCDBB
RGB	171, 205, 187
RGB Percent	67%, 80%, 73%
CMY	0.3294, 0.1961, 0.2656
CMYK	0.17, 0.00, 0.09, 0.20
HSL	149°, 25%, 74%
HSV	149°, 17%, 80%
XYZ	47.6235, 55.9196, 55.4438
YIQ	192.7820, -14.4860, -12.8060

Conversions

Conversions Part 2

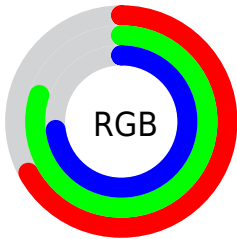
Format	Color
RYB	171, 194, 205
Decimal	11259323
CIELab	79.57, -14.80, 5.06
CIELCh	80, 15.645, 161.114
Yxy	55.9196, 0.2995, 0.3517
Android (android.graphics.Color)	4289449403 (0xFFABCDBB)
YUV	192.7820, -2.8505, -19.1028
Hunter-Lab	74.7794, -17.1857, 8.3861

Details

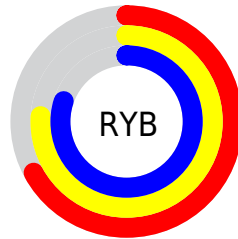
The RYB color **171, 194, 205** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **205, 171, 189**, and the grayscale version is **193, 193, 193**.

A 20% lighter version of the original color is **227, 245, 255**, and **118, 140, 151** is the 20% darker color. If you saturate the color by 10%, you get **151, 187, 205**, and if you desaturate by 10%, it is **192, 201, 205**.

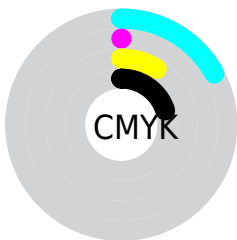
Distribution



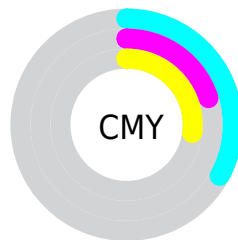
- Red (67%)
- Green (80%)
- Blue (73%)



- Red (67%)
- Yellow (76%)
- Blue (80%)



- Cyan (17%)
- Magenta (0%)
- Yellow (9%)
- Black (20%)



- Cyan (33%)
- Magenta (20%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the RYB color 171, 194, 205 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 171, 194, 205 by changing the saturation by 10% instead.


 171, 194, 205


255, 255, 255

 227, 245, 255

 171, 194, 205

 144, 166, 177

 118, 140, 151

 93, 114, 125

 69, 89, 100

 46, 66, 76


 24, 43, 53

 2, 21, 32


 0, 0, 0

 171, 194, 205


 171, 194, 205

 151, 187, 205


 192, 201, 205

 130, 181, 205


 212, 205, 209

 110, 174, 205


 233, 205, 219

 89, 168, 205


 253, 205, 230

 69, 161, 205

 255, 205, 241


 48, 154, 205

 255, 205, 251

 27, 147, 205

 255, 205, 255

 7, 141, 205

 0, 139, 205

Harmonies

Analogous

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



175, 202, 191



171, 194, 205



161, 185, 206

Triad

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



171, 194, 205



188, 195, 226



227, 192, 179

Complementary

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



171, 194, 205



205, 171, 189

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.



228, 187, 192



171, 194, 205



207, 192, 219

Square

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



171, 194, 205



171, 190, 224



221, 188, 207



218, 214, 170

Rectangle

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



171, 194, 205



160, 184, 212



221, 188, 207



228, 189, 183

Sweetspot

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



171, 194, 205



242, 251, 255



171, 205, 187



120, 125, 128



0, 0, 0



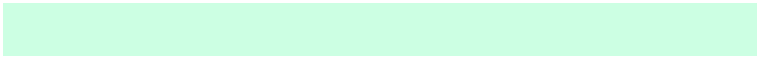
128, 128, 128

Same Dimension

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



171, 194, 205



204, 239, 255



171, 188, 205



92, 99, 102



0, 112, 166



0, 26, 38

Inverse Universe

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



205, 171, 189



255, 204, 231



205, 171, 172



102, 92, 97



166, 0, 86



38, 0, 20

Previews

White Background



This preview shows how the RYB color 171, 194, 205 looks on a white background.

Color Contrast Check

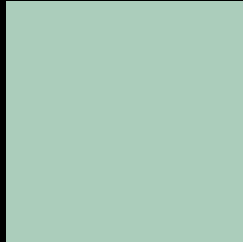
Large Text (above 18pt) WCAG AA × Fail

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 171, 194, 205 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

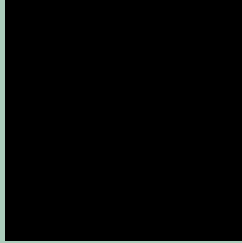
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

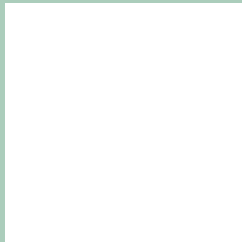
Any Text WCAG AAA ✓ Pass

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

RYB 171, 194, 205 Background



This preview shows how black text looks on a background with the RYB color 171, 194, 205.

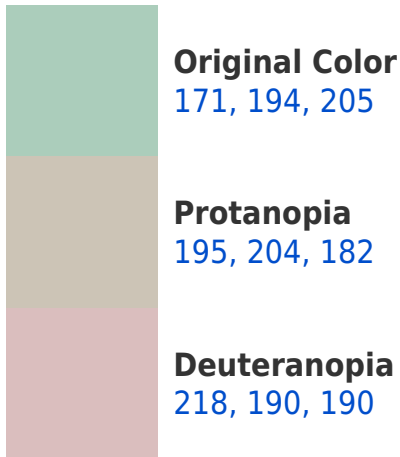


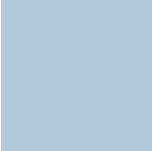
This preview shows how white text looks on a background with the RYB color 171, 194, 205.

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](#).

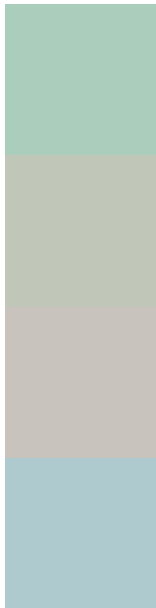
Dichromacy





Tritanopia
176, 192, 217

Trichromacy



Original Color

171, 194, 205

Protanomaly

184, 199, 191

Deuteranomaly

201, 201, 189

Tritanomaly

174, 189, 206

Monochromacy



Original Color

171, 194, 205

Achromatopsia

193, 193, 193

Achromatomaly

185, 193, 197

CSS Examples

Text

The CSS property to change the color of the text to RYB 171, 194, 205 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(171, 205, 187)` looks like.

```
.text, #text, p{  
    color:rgb(171, 205, 187)  
}
```

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(171, 205, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 205, 187) }
```

Border

The CSS property to change the border of an element to RYB 171, 194, 205 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(171, 205, 187) }
```

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

```
.border{ border-color:rgb(171, 205, 187) }
```

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

Here you see how a box with a 4 pixel rgb(171, 205, 187) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 205, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 205, 187);  
box-shadow:4px 4px 4px 4px rgb(171, 205,  
187) }
```

Background

The CSS property to change the background color of an element to RYB 171, 194, 205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 205, 187) }
```

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

```
.background{ background-color: rgb(171,  
205, 187) }
```

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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