

Converting Colors

`RYB(173, 186, 195)`

Have a look what the booklet for RYB(173, 186, 195) contains.

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Color

R_YB(173, 186, 195)

Conversions

Conversions Part 1

Format	Color
Hex	ADC3BC
RGB	173, 195, 188
RGB Percent	68%, 76%, 74%
CMY	0.3216, 0.2353, 0.2618
CMYK	0.11, 0.00, 0.03, 0.24
HSL	162°, 15%, 72%
HSV	162°, 11%, 76%
XYZ	45.8507, 51.5553, 55.2421
YIQ	187.6240, -10.8650, -6.8410

Conversions

Conversions Part 2

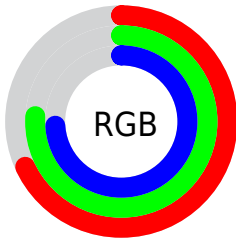
Format	Color
RYB	173, 186, 195
Decimal	11387836
CIELab	77.01, -8.78, 0.85
CIELCh	77, 8.826, 174.442
Yxy	51.5553, 0.3004, 0.3377
Android (android.graphics.Color)	4289577916 (0xFFADC3BC)
YUV	187.6240, 0.1854, -12.8252
Hunter-Lab	71.8020, -11.6685, 4.6456

Details

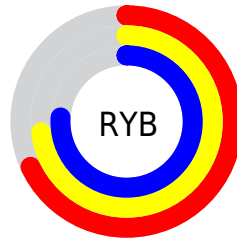
The RYB color **173, 186, 195** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **195, 173, 180**, and the grayscale version is **188, 188, 188**.

A 20% lighter version of the original color is **229, 243, 252**, and **121, 133, 141** is the 20% darker color. If you saturate the color by 10%, you get **154, 178, 195**, and if you desaturate by 10%, it is **193, 194, 195**.

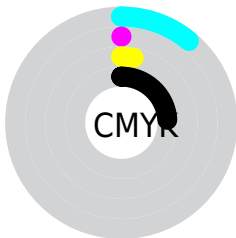
Distribution



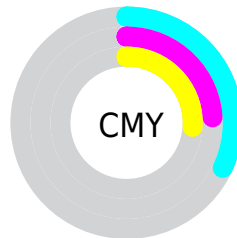
- Red (68%)
- Green (76%)
- Blue (74%)



- Red (68%)
- Yellow (73%)
- Blue (76%)



- Cyan (11%)
- Magenta (0%)
- Yellow (3%)
- Black (24%)



- Cyan (32%)
- Magenta (24%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the RYB color 173, 186, 195 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 173, 186, 195 by changing the saturation by 10% instead.


 173, 186, 195


255, 255, 255

 229, 243, 252

 173, 186, 195

 146, 159, 168


 121, 133, 141

 96, 108, 116

 72, 83, 91

 49, 60, 68


 27, 37, 45

 4, 16, 25

 0, 0, 0


 173, 186, 195

 173, 186, 195


 154, 178, 195


 193, 194, 195


 134, 170, 195


 212, 195, 200

 115, 162, 195


 232, 195, 206

 95, 154, 195


 251, 195, 212

 76, 146, 195


 255, 195, 218

 56, 138, 195

 255, 195, 224

 37, 130, 195

 255, 195, 230

 17, 122, 195

 255, 195, 236

 0, 115, 195

 255, 195, 242

Harmonies

Analogous

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



180, 194, 194



173, 186, 195



170, 183, 197

Triad

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



173, 186, 195



190, 189, 205



205, 193, 177

Complementary

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



173, 186, 195



195, 173, 180

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.



208, 185, 184



173, 186, 195



200, 186, 200

Square

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



173, 186, 195



180, 188, 206



206, 185, 192



191, 199, 174

Rectangle

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



173, 186, 195



171, 184, 201



206, 185, 192



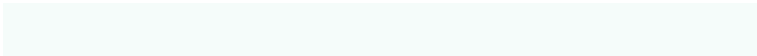
207, 188, 179

Sweetspot

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



173, 186, 195



245, 249, 252



173, 195, 188



122, 126, 128



0, 0, 0



128, 128, 128

Same Dimension

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



173, 186, 195



217, 237, 252



173, 183, 195



87, 93, 97



0, 95, 161



0, 19, 33

Inverse Universe

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



195, 173, 180



252, 217, 228



195, 178, 173



97, 87, 90



161, 0, 49



33, 0, 10

Previews

White Background



This preview shows how the RYB color 173, 186, 195 looks on a white background.

Color Contrast Check

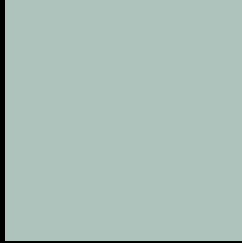
Large Text (above 18pt) WCAG AA × Fail

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 173, 186, 195 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

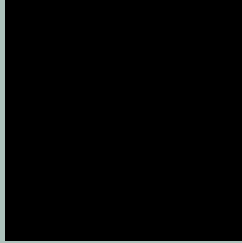
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

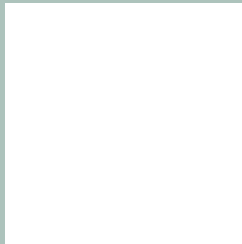
Any Text WCAG AAA ✓ Pass

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

RYB 173, 186, 195 Background



This preview shows how black text looks on a background with the RYB color 173, 186, 195.

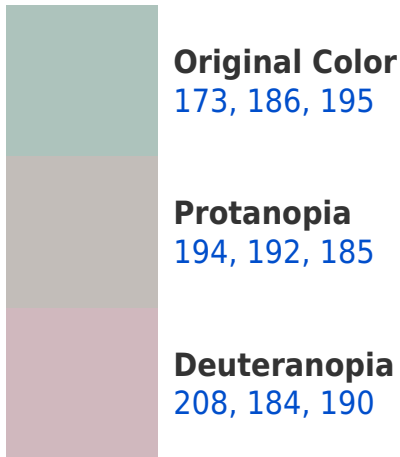


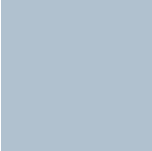
This preview shows how white text looks on a background with the RYB color 173, 186, 195.

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](#).

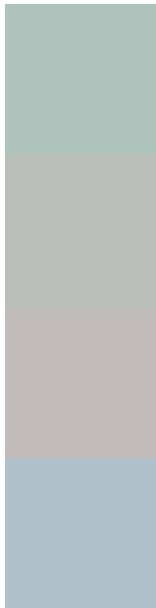
Dichromacy





Tritanopia
176, 187, 207

Trichromacy



Original Color

173, 186, 195

Protanomaly

186, 191, 191

Deuteranomaly

195, 188, 189

Tritanomaly

175, 185, 200

Monochromacy



Original Color

173, 186, 195

Achromatopsia

188, 188, 188

Achromatomaly

183, 188, 191

CSS Examples

Text

The CSS property to change the color of the text to RGB 173, 186, 195 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(173, 195, 188) looks like.

```
.text, #text, p{  
    color:rgb(173, 195, 188)  
}
```

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(173, 195, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 195, 188) }
```

Border

The CSS property to change the border of an element to RYB 173, 186, 195 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(173, 195, 188) }
```

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

```
.border{ border-color:rgb(173, 195, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 195, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 195, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 195, 188);  
box-shadow:4px 4px 4px 4px rgb(173, 195,  
188) }
```

Background

The CSS property to change the background color of an element to RYB 173, 186, 195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 195, 188) }
```

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

```
.background{ background-color: rgb(173,  
195, 188) }
```

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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