

Converting Colors

`RYB(175, 195, 200)`

Have a look what the booklet for
RYB(175, 195, 200) contains.

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Color

R_YB(175, 195, 200)

Conversions

Conversions Part 1

Format	Color
Hex	AFC8B5
RGB	175, 200, 181
RGB Percent	69%, 78%, 71%
CMY	0.3137, 0.2157, 0.2892
CMYK	0.12, 0.00, 0.09, 0.22
HSL	135°, 19%, 74%
HSV	135°, 12%, 78%
XYZ	46.6996, 53.7690, 51.7678
YIQ	190.3590, -8.8010, -11.2090

Conversions

Conversions Part 2

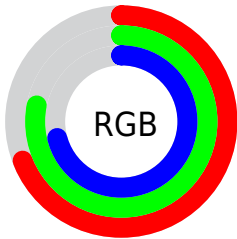
Format	Color
RYB	175, 195, 200
Decimal	11520181
CIELab	78.33, -12.04, 6.53
CIElCh	78, 13.697, 151.504
Yxy	53.7690, 0.3068, 0.3532
Android (android.graphics.Color)	4289710261 (0xFFAFC8B5)
YUV	190.3590, -4.6140, -13.4698
Hunter-Lab	73.3273, -14.6424, 9.4715

Details

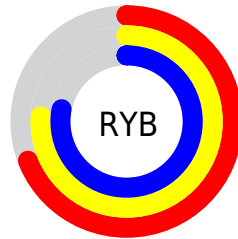
The RYB color **175, 195, 200** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **200, 175, 194**, and the grayscale version is **190, 190, 190**.

A 20% lighter version of the original color is **231, 250, 255**, and **122, 141, 146** is the 20% darker color. If you saturate the color by 10%, you get **155, 191, 200**, and if you desaturate by 10%, it is **195, 199, 200**.

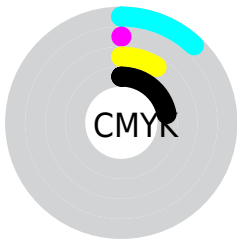
Distribution



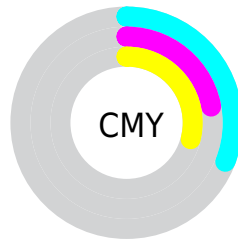
- Red (69%)
- Green (78%)
- Blue (71%)



- Red (69%)
- Yellow (76%)
- Blue (78%)



- Cyan (12%)
- Magenta (0%)
- Yellow (9%)
- Black (22%)



- Cyan (31%)
- Magenta (22%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the RYB color 175, 195, 200 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, 195, 200 by changing the saturation by 10% instead.


 175, 195, 200


255, 255, 255

 231, 250, 255

 175, 195, 200

 148, 168, 173

 122, 141, 146

 97, 115, 120

 73, 90, 95

 50, 67, 72

 29, 44, 49

 6, 22, 28

 0, 0, 0

 175, 195, 200


 175, 195, 200

 155, 191, 200


 195, 199, 200

 135, 187, 200


 215, 200, 211

 115, 183, 200


 235, 200, 226


 95, 179, 200


 255, 200, 241

 75, 175, 200

 255, 200, 255

 55, 171, 200

 35, 167, 200

 15, 163, 200

 0, 160, 200

Harmonies

Analogous

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



172, 197, 180



175, 195, 200



165, 185, 201

Triad

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



175, 195, 200



181, 191, 219



221, 187, 181

Complementary

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



175, 195, 200



200, 175, 194

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.



220, 185, 194



175, 195, 200



197, 190, 215

Square

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



175, 195, 200



168, 186, 216



211, 187, 206



215, 200, 172

Rectangle

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



175, 195, 200



162, 182, 203



211, 187, 206



221, 185, 185

Sweetspot

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



175, 195, 200



245, 253, 255



175, 200, 181



121, 126, 128



0, 0, 0



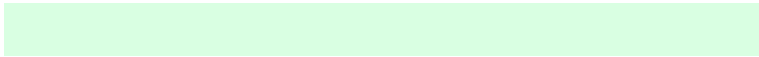
128, 128, 128

Same Dimension

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



175, 195, 200



217, 248, 255



175, 189, 200



90, 97, 99



0, 130, 163



0, 29, 36

Inverse Universe

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



200, 175, 194



255, 217, 245



200, 175, 181



99, 90, 97



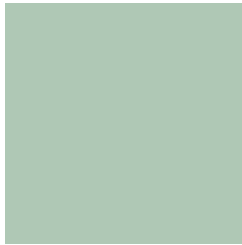
163, 0, 122



36, 0, 27

Previews

White Background



This preview shows how the RYB color 175, 195, 200 looks on a white background.

Color Contrast Check

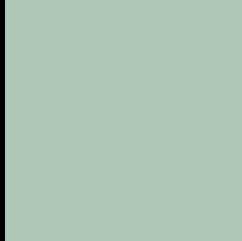
Large Text (above 18pt) WCAG AA × Fail

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, 195, 200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

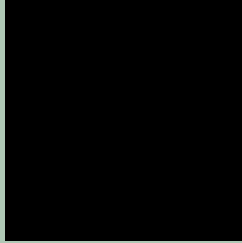
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

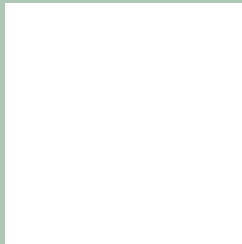
Any Text WCAG AAA ✓ Pass

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

RYB 175, 195, 200 Background



This preview shows how black text looks on a background with the RYB color 175, 195, 200.

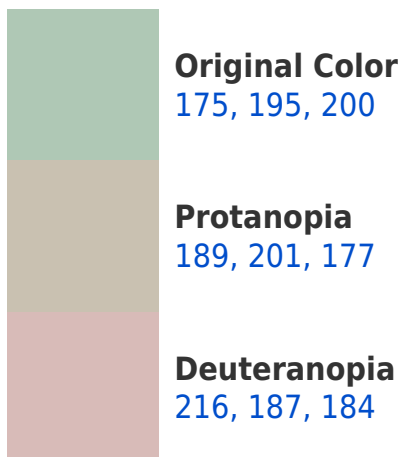


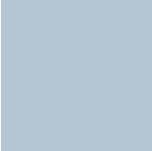
This preview shows how white text looks on a background with the RYB color 175, 195, 200.

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](#).

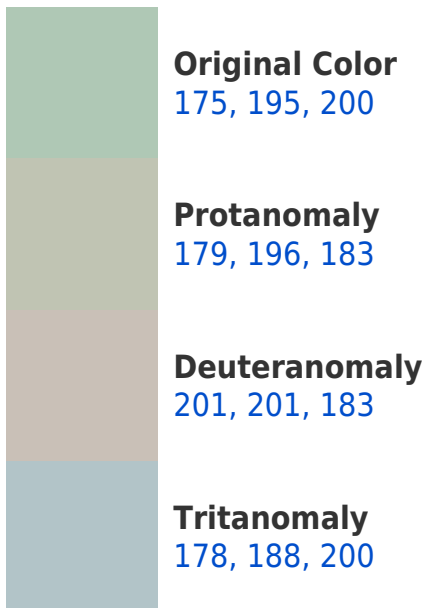
Dichromacy



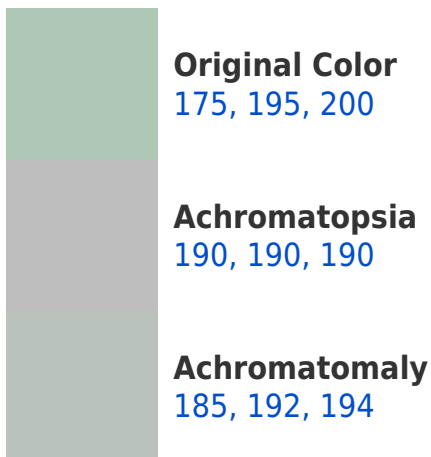


Tritanopia
180, 191, 211

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RYB 175, 195, 200 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, 200, 181)` looks like.

```
.text, #text, p{  
    color:rgb(175, 200, 181)  
}
```

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, 200, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 200, 181) }
```

Border

The CSS property to change the border of an element to RYB 175, 195, 200 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, 200, 181) }
```

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

```
.border{ border-color:rgb(175, 200, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 200, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 200, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 200, 181);  
box-shadow:4px 4px 4px 4px rgb(175, 200,  
181) }
```

Background

The CSS property to change the background color of an element to RYB 175, 195, 200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 200, 181) }
```

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

```
.background{ background-color: rgb(175,  
200, 181) }
```

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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