

Converting Colors

`RYB(175, 182, 201)`

Have a look what the booklet for
RYB(175, 182, 201) contains.

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Color

$\text{RYB}(175, 182, 201)$

Conversions

Conversions Part 1

Format	Color
Hex	AFB9C9
RGB	175, 185, 201
RGB Percent	69%, 73%, 79%
CMY	0.3137, 0.2762, 0.2118
CMYK	0.13, 0.08, 0.00, 0.21
HSL	218°, 19%, 74%
HSV	218°, 13%, 79%
XYZ	45.4828, 47.8530, 62.0977
YIQ	183.8340, -11.0960, 2.8560

Conversions

Conversions Part 2

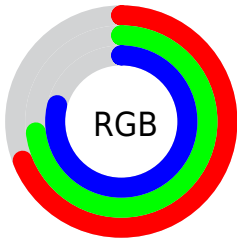
Format	Color
R_{YB}	175, 182, 201
Decimal	11516361
CIE Lab	74.73, -0.00, -9.42
CIE LCh	75, 9.423, 269.999
Yxy	47.8530, 0.2926, 0.3079
Android (android.graphics.Color)	4289706441 (0xFFAFB9C9)
YUV	183.8340, 8.4628, -7.7474
Hunter-Lab	69.1759, -3.6949, -4.8002

Details

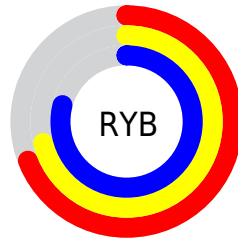
The RYB color **175, 182, 201** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **191, 201, 175**, and the grayscale version is **184, 184, 184**.

A 20% lighter version of the original color is **231, 238, 255**, and **122, 129, 147** is the 20% darker color. If you saturate the color by 10%, you get **155, 167, 201**, and if you desaturate by 10%, it is **195, 197, 201**.

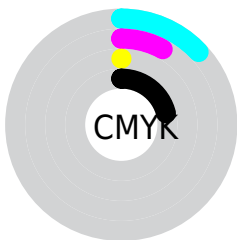
Distribution



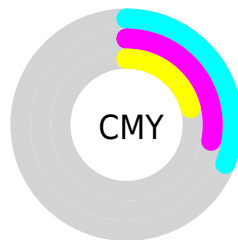
- Red (69%)
- Green (73%)
- Blue (79%)



- Red (69%)
- Yellow (71%)
- Blue (79%)



- Cyan (13%)
- Magenta (8%)
- Yellow (0%)
- Black (21%)



- Cyan (31%)
- Magenta (28%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the RYB color 175, 182, 201 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, 182, 201 by changing the saturation by 10% instead.

■ 175, 182, 201

255, 255, 255

■ 231, 238, 255

■ 175, 182, 201

■ 148, 155, 174

■ 122, 129, 147

■ 97, 104, 121

■ 73, 79, 96

■ 51, 57, 73

■ 29, 35, 50

■ 6, 13, 29

■ 0, 0, 1

■ 0, 0, 0

■ 175, 182, 201

■ 175, 182, 201

■ 155, 167, 201

■ 195, 197, 201

■ 135, 153, 201

■ 209, 215, 201

■ 115, 138, 201

■ 220, 235, 201

■ 95, 124, 201

■ 233, 255, 201

■ 75, 109, 201

■ 209, 255, 201

■ 54, 93, 201

■ 201, 255, 201

■ 34, 79, 201

■ 14, 64, 201

■ 0, 54, 201

Harmonies

Analogous

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



166, 179, 199



175, 182, 201



186, 182, 199

Triad

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



175, 182, 201



203, 179, 176



172, 185, 188

Complementary

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



175, 182, 201



191, 201, 175

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.



169, 186, 174



175, 182, 201



199, 186, 169

Square

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



175, 182, 201



202, 178, 184



179, 191, 167



165, 178, 189

Rectangle

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



175, 182, 201



193, 180, 195



179, 191, 167



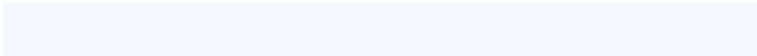
173, 188, 186

Sweetspot

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



175, 182, 201



245, 248, 255



175, 191, 201



121, 123, 128



0, 0, 0



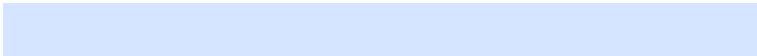
128, 128, 128

Same Dimension

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



175, 182, 201



214, 225, 255



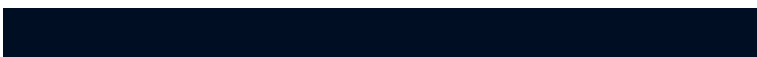
178, 175, 201



90, 92, 99



0, 44, 163



0, 10, 36

Inverse Universe

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



201, 175, 185



255, 214, 229



175, 201, 178



99, 90, 93



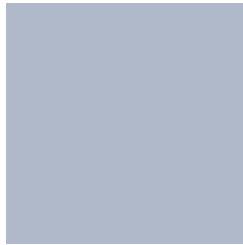
163, 0, 60



36, 0, 13

Previews

White Background



This preview shows how the RYB color 175, 182, 201 looks on a white background.

Color Contrast Check

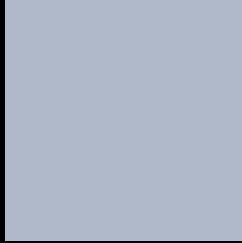
Large Text (above 18pt) WCAG AA × Fail

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, 182, 201 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

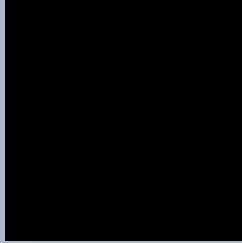
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

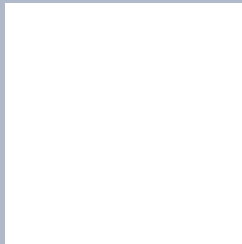
Any Text WCAG AAA ✓ Pass

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

RYB 175, 182, 201 Background



This preview shows how black text looks on a background with the RYB color 175, 182, 201.



This preview shows how white text looks on a background with the RYB color 175, 182, 201.

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](#).

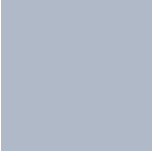
Dichromacy



Original Color
[175](#), [182](#), [201](#)

Protanopia
[182](#), [183](#), [200](#)

Deuteranopia
[193](#), [179](#), [202](#)



Tritanopia

175, 182, 199

Trichromacy



Original Color

175, 182, 201

Protanomaly

179, 183, 200

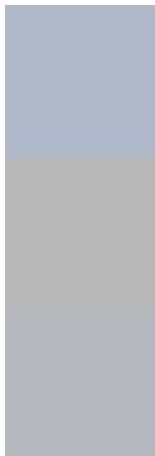
Deuteranomaly

186, 181, 202

Tritanomaly

175, 182, 200

Monochromacy



Original Color

175, 182, 201

Achromatopsia

184, 184, 184

Achromatomaly

181, 183, 190

CSS Examples

Text

The CSS property to change the color of the text to RYB 175, 182, 201 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, 185, 201) looks like.

```
.text, #text, p{  
    color:rgb(175, 185, 201)  
}
```

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, 185, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 185, 201) }
```

Border

The CSS property to change the border of an element to RYB 175, 182, 201 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, 185, 201) }
```

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

```
.border{ border-color:rgb(175, 185, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 185, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 185, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 185, 201);  
box-shadow:4px 4px 4px 4px rgb(175, 185,  
201) }
```

Background

The CSS property to change the background color of an element to RYB 175, 182, 201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 185, 201) }
```

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

```
.background{ background-color: rgb(175,  
185, 201) }
```

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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