

Converting Colors

`RYB(164, 175, 201)`

Have a look what the booklet for
RYB(164, 175, 201) contains.

RYB(164, 175, 201)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(164, 175, 201)

Conversions

Conversions Part 1

Format	Color
Hex	A4B4C9
RGB	164, 180, 201
RGB Percent	64%, 71%, 79%
CMY	0.3569, 0.2955, 0.2118
CMYK	0.18, 0.11, 0.00, 0.21
HSL	215°, 26%, 72%
HSV	215°, 18%, 79%
XYZ	42.1039, 44.6125, 61.6503
YIQ	177.6100, -16.2770, 3.1390

Conversions

Conversions Part 2

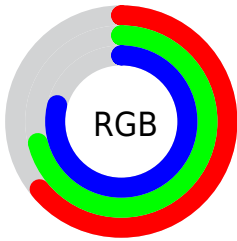
Format	Color
RYB	164, 175, 201
Decimal	10794185
CIELab	72.64, -0.90, -12.64
CIELCh	73, 12.670, 265.927
Yxy	44.6125, 0.2838, 0.3007
Android (android.graphics.Color)	4288984265 (0xFFA4B4C9)
YUV	177.6100, 11.5313, -11.9360
Hunter-Lab	66.7926, -4.3663, -7.9705

Details

The RYB color **164, 175, 201** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **192, 201, 164**, and the grayscale version is **177, 177, 177**.

A 20% lighter version of the original color is **219, 231, 255**, and **112, 123, 147** is the 20% darker color. If you saturate the color by 10%, you get **144, 161, 201**, and if you desaturate by 10%, it is **184, 189, 201**.

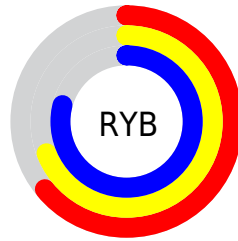
Distribution



Red (64%)

Green (71%)

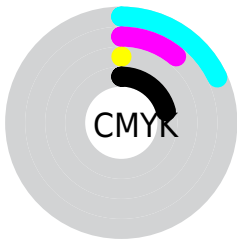
Blue (79%)



Red (64%)

Yellow (69%)

Blue (79%)

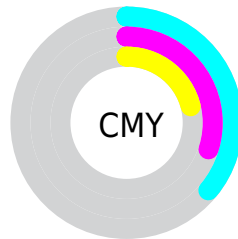


Cyan (18%)

Magenta (11%)

Yellow (0%)

Black (21%)



Cyan (36%)


Magenta (30%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the RYB color 164, 175, 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 164, 175, 201 by changing the saturation by 10% instead.


 164, 175, 201

255, 255, 255

 219, 230, 255


 248, 252, 255

 164, 175, 201

 137, 148, 174

 112, 123, 147

 87, 97, 121

 63, 73, 96


 40, 50, 73

 18, 29, 50

 0, 8, 29

 0, 0, 0

 164, 175, 201

 164, 175, 201

■ 144, 161, 201

■ 184, 189, 201

■ 124, 147, 201

■ 203, 204, 201

■ 104, 133, 201

■ 219, 224, 201

■ 84, 119, 201

■ 232, 244, 201

■ 64, 105, 201

■ 226, 255, 201

■ 43, 90, 201

■ 208, 255, 201

■ 23, 76, 201

■ 201, 255, 201

■ 3, 62, 201

■ 0, 60, 201

Harmonies

Analogous

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



153, 171, 197



164, 175, 201



179, 176, 199

Triad

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



164, 175, 201



203, 171, 169



163, 181, 183

Complementary

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



164, 175, 201



192, 201, 164

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.



157, 181, 161



164, 175, 201



199, 181, 159

Square

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



164, 175, 201



201, 170, 180



174, 189, 155



153, 172, 185

Rectangle

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



164, 175, 201



188, 173, 194



174, 189, 155



162, 183, 177

Sweetspot

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



164, 175, 201



240, 244, 255



164, 188, 201



119, 121, 128



0, 0, 0



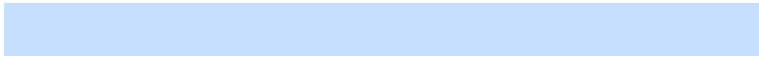
128, 128, 128

Same Dimension

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



164, 175, 201



199, 216, 255



166, 164, 201



90, 93, 99



0, 48, 163



0, 11, 36

Inverse Universe

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



201, 164, 180



255, 199, 223



164, 201, 166



99, 90, 94



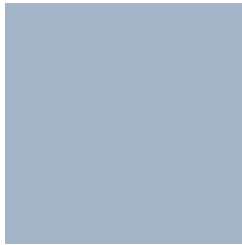
163, 0, 69



36, 0, 15

Previews

White Background



This preview shows how the RYB color 164, 175, 201 looks on a white background.

Color Contrast Check

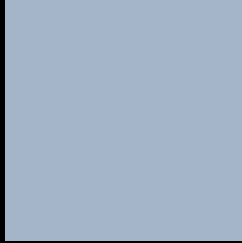
Large Text (above 18pt) WCAG AA × Fail

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 164, 175, 201 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

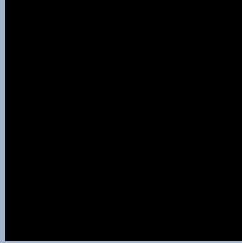
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

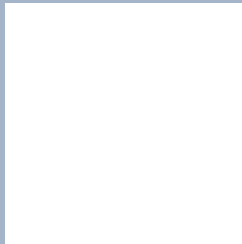
Any Text WCAG AAA ✓ Pass

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

RYB 164, 175, 201 Background



This preview shows how black text looks on a background with the RYB color 164, 175, 201.



This preview shows how white text looks on a background with the RYB color 164, 175, 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
164, 175, 201

Protanopia
175, 177, 199

Deuteranopia
184, 173, 202



Tritanopia
163, 175, 195

Trichromacy



Original Color
164, 175, 201

Protanomaly
171, 177, 200

Deuteranomaly
177, 175, 202

Tritanomaly
163, 175, 197

Monochromacy



Original Color
164, 175, 201

Achromatopsia
177, 177, 177

Achromatomaly
172, 176, 186

CSS Examples

Text

The CSS property to change the color of the text to RYB 164, 175, 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(164, 180, 201)` looks like.

```
.text, #text, p{  
    color:rgb(164, 180, 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(164, 180, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 180, 201) }
```

Border

The CSS property to change the border of an element to RYB 164, 175, 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(164, 180, 201) }
```

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

```
.border{ border-color:rgb(164, 180, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 180, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 180, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 180, 201);  
box-shadow:4px 4px 4px 4px rgb(164, 180,  
201) }
```

Background

The CSS property to change the background color of an element to RYB 164, 175, 201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 180, 201) }
```

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

```
.background{ background-color: rgb(164,  
180, 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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