

Converting Colors

`RYB(167, 179, 204)`

Have a look what the booklet for
RYB(167, 179, 204) contains.

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Color

R_YB(167, 179, 204)

Conversions

Conversions Part 1

Format	Color
Hex	A7B9CC
RGB	167, 185, 204
RGB Percent	65%, 73%, 80%
CMY	0.3451, 0.2755, 0.2000
CMYK	0.18, 0.09, 0.00, 0.20
HSL	211°, 27%, 73%
HSV	211°, 18%, 80%
XYZ	44.1342, 47.1727, 63.9059
YIQ	181.7840, -16.8270, 2.0930

Conversions

Conversions Part 2

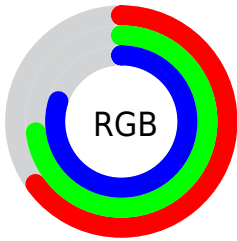
Format	Color
RYB	167, 179, 204
Decimal	10992076
CIELab	74.30, -2.04, -11.76
CIELCh	74, 11.938, 260.151
Yxy	47.1727, 0.2843, 0.3039
Android (android.graphics.Color)	4289182156 (0xFFA7B9CC)
YUV	181.7840, 10.9525, -12.9656
Hunter-Lab	68.6824, -5.4929, -7.0890

Details

The RYB color **167, 179, 204** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **202, 204, 167**, and the grayscale version is **182, 182, 182**.

A 20% lighter version of the original color is **222, 234, 255**, and **115, 126, 150** is the 20% darker color. If you saturate the color by 10%, you get **147, 165, 204**, and if you desaturate by 10%, it is **187, 192, 204**.

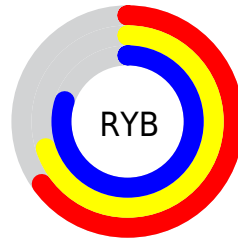
Distribution



Red (65%)

Green (73%)

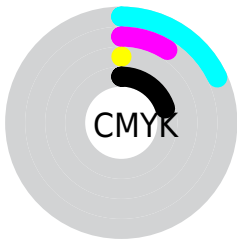
Blue (80%)



Red (65%)

Yellow (70%)

Blue (80%)

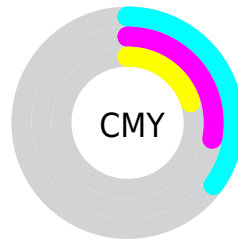


Cyan (18%)

Magenta (9%)

Yellow (0%)

Black (20%)



Cyan (35%)

Magenta (28%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the RYB color 167, 179, 204 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 167, 179, 204 by changing the saturation by 10% instead.

■ 167, 179, 204

255, 255, 255

■ 222, 234, 255

■ 251, 253, 255

■ 167, 179, 204

■ 140, 152, 177

■ 115, 126, 150

■ 90, 101, 124

■ 66, 77, 99


■ 43, 54, 75

■ 20, 32, 53


■ 0, 11, 31

■ 0, 0, 5

■ 0, 0, 0

 167, 179, 204

 167, 179, 204

 147, 165, 204


 187, 192, 204

 126, 152, 204


 208, 208, 204

 106, 138, 204

 224, 228, 204

 85, 124, 204

 247, 249, 204

 65, 110, 204

 230, 255, 204

 45, 96, 204

 212, 255, 204

 24, 83, 204

 204, 255, 204

 4, 69, 204

 0, 66, 204

Harmonies

Analogous

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



158, 175, 199



167, 179, 204



180, 181, 203

Triad

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



167, 179, 204



207, 176, 176



168, 187, 184

Complementary

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



167, 179, 204



202, 204, 167

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.



162, 184, 162



167, 179, 204



204, 181, 166

Square

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



167, 179, 204



203, 176, 187



185, 195, 161



160, 178, 189

Rectangle

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



167, 179, 204



190, 179, 199



185, 195, 161



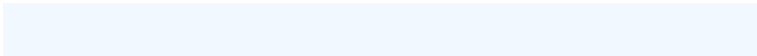
166, 186, 177

Sweetspot

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



167, 179, 204



242, 246, 255



167, 191, 204



120, 123, 128



0, 0, 0



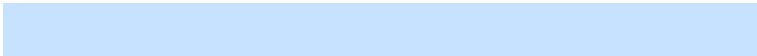
128, 128, 128

Same Dimension

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



167, 179, 204



199, 217, 255



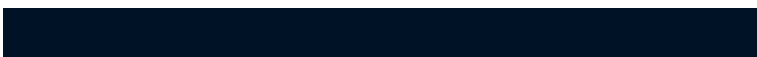
168, 167, 204



92, 95, 102



0, 54, 166



0, 12, 38

Inverse Universe

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



204, 167, 185



255, 199, 226



167, 204, 168



102, 92, 97



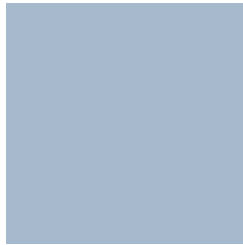
166, 0, 80



38, 0, 18

Previews

White Background



This preview shows how the RYB color 167, 179, 204 looks on a white background.

Color Contrast Check

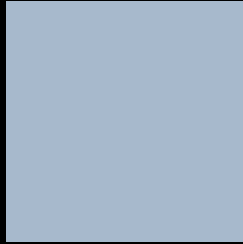
Large Text (above 18pt) WCAG AA × Fail

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 167, 179, 204 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

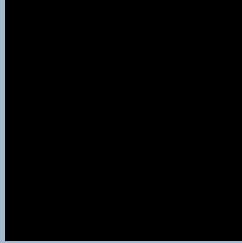
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

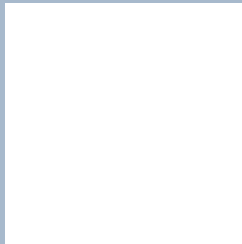
Any Text WCAG AAA ✓ Pass

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

RYB 167, 179, 204 Background



This preview shows how black text looks on a background with the RYB color 167, 179, 204.



This preview shows how white text looks on a background with the RYB color 167, 179, 204.

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
166, 178, 200

Trichromacy



Original Color
167, 179, 204

Protanomaly
175, 181, 203

Deuteranomaly
181, 180, 205

Tritanomaly
166, 178, 201

Monochromacy



Original Color
167, 179, 204

Achromatopsia
182, 182, 182

Achromatomaly
177, 181, 190

CSS Examples

Text

The CSS property to change the color of the text to RGB 167, 179, 204 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(167, 185, 204) looks like.

```
.text, #text, p{  
    color:rgb(167, 185, 204)  
}
```

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(167, 185, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 185, 204) }
```

Border

The CSS property to change the border of an element to RYB 167, 179, 204 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(167, 185, 204) }
```

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

```
.border{ border-color:rgb(167, 185, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 185, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 185, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 185, 204);  
box-shadow:4px 4px 4px 4px rgb(167, 185,  
204) }
```

Background

The CSS property to change the background color of an element to RYB 167, 179, 204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 185, 204) }
```

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

```
.background{ background-color: rgb(167,  
185, 204) }
```

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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