

Converting Colors

`RYB(172, 179, 220)`

Have a look what the booklet for
RYB(172, 179, 220) contains.

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Color

R_YB(172, 179, 220)

Conversions

Conversions Part 1

Format	Color
Hex	ACB4DC
RGB	172, 180, 220
RGB Percent	67%, 71%, 86%
CMY	0.3255, 0.2934, 0.1373
CMYK	0.22, 0.18, 0.00, 0.14
HSL	230°, 41%, 77%
HSV	230°, 22%, 86%
XYZ	46.2922, 46.6593, 74.2764
YIQ	182.1680, -17.6080, 10.7440

Conversions

Conversions Part 2

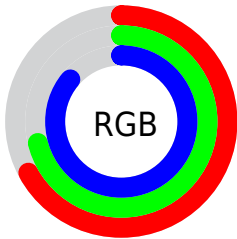
Format	Color
R _Y B	172, 179, 220
Decimal	11318492
CIE Lab	73.97, 5.59, -20.94
CIE LCh	74, 21.669, 284.937
Yxy	46.6593, 0.2768, 0.2790
Android (android.graphics.Color)	4289508572 (0xFFACB4DC)
YUV	182.1680, 18.6512, -8.9173
Hunter-Lab	68.3076, 1.4314, -16.6555

Details

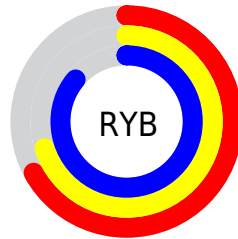
The RYB color **172, 179, 220** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **182, 220, 172**, and the grayscale version is **182, 182, 182**.

A 20% lighter version of the original color is **228, 234, 255**, and **119, 126, 165** is the 20% darker color. If you saturate the color by 10%, you get **150, 160, 220**, and if you desaturate by 10%, it is **194, 197, 220**.

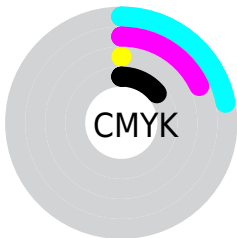
Distribution



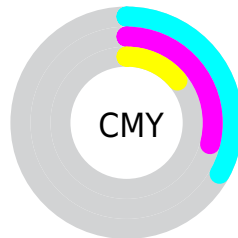
- Red (67%)
- Green (71%)
- Blue (86%)



- Red (67%)
- Yellow (70%)
- Blue (86%)



- Cyan (22%)
- Magenta (18%)
- Yellow (0%)
- Black (14%)



- Cyan (33%)
- Magenta (29%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the RYB color 172, 179, 220 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 172, 179, 220 by changing the saturation by 10% instead.

■ 172, 179, 220

255, 255, 255

■ 228, 234, 255

■ 172, 179, 220

■ 145, 152, 192

■ 119, 127, 165

■ 94, 101, 138

■ 69, 77, 113

■ 45, 54, 88

■ 22, 32, 65

■ 0, 9, 43

■ 0, 1, 22

■ 0, 0, 0

■ 172, 179, 220

■ 172, 179, 220

■ 150, 160, 220

■ 194, 197, 220

■ 128, 142, 220

■ 216, 217, 220

■ 106, 122, 220

■ 224, 238, 220

■ 84, 104, 220

■ 222, 255, 220

■ 62, 85, 220

■ 220, 255, 220

■ 40, 66, 220

■ 18, 47, 220

■ 0, 32, 220

Harmonies

Analogous

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



146, 172, 220



172, 179, 220



197, 174, 210

Triad

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



172, 179, 220



219, 176, 155



143, 175, 193

Complementary

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



172, 179, 220



182, 220, 172

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.



153, 189, 178



172, 179, 220



198, 206, 144

Square

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



172, 179, 220



223, 168, 172



146, 187, 143



129, 162, 193

Rectangle

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



172, 179, 220



211, 170, 199



146, 187, 143



149, 181, 192

Sweetspot

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



172, 179, 220



237, 240, 255



172, 198, 220



117, 119, 128



0, 0, 0



128, 128, 128

Same Dimension

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



172, 179, 220



189, 198, 255



187, 172, 220



99, 101, 110



0, 26, 173



0, 7, 46

Inverse Universe

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



220, 172, 180



255, 189, 200



172, 220, 187



110, 99, 101



173, 0, 30



46, 0, 8

Previews

White Background



This preview shows how the RYB color 172, 179, 220 looks on a white background.

Color Contrast Check

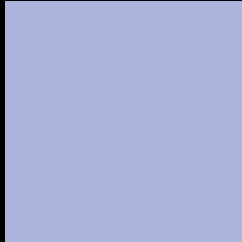
Large Text (above 18pt) WCAG AA × Fail

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 172, 179, 220 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

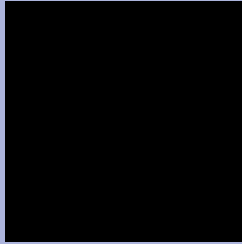
Any Text WCAG AA ✓ Pass

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 172, 179, 220 Background



This preview shows how black text looks on a background with the RYB color 172, 179, 220.



This preview shows how white text looks on a background with the RYB color 172, 179, 220.

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](#).

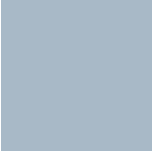
Dichromacy



Original Color
172, 179, 220

Protanopia
173, 179, 220

Deuteranopia
180, 178, 221



Tritanopia
168, 179, 199

Trichromacy



Original Color
172, 179, 220

Protanomaly
173, 179, 220

Deuteranomaly
177, 179, 221

Tritanomaly
169, 179, 207

Monochromacy



Original Color
172, 179, 220

Achromatopsia
182, 182, 182

Achromatomaly
178, 181, 196

CSS Examples

Text

The CSS property to change the color of the text to RYB 172, 179, 220 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(172, 180, 220)` looks like.

```
.text, #text, p{  
    color:rgb(172, 180, 220)  
}
```

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(172, 180, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 180, 220) }
```

Border

The CSS property to change the border of an element to RYB 172, 179, 220 is called "border". The border property can be set on classes, ids or directly on the HTML element.

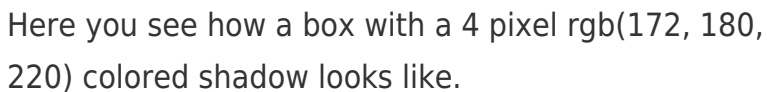
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(172, 180, 220) }
```

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

```
.border{ border-color:rgb(172, 180, 220) }
```

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



Here you see how a box with a 4 pixel `rgb(172, 180, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 180, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 180, 220);  
box-shadow:4px 4px 4px 4px rgb(172, 180,  
220) }
```

Background

The CSS property to change the background color of an element to RYB 172, 179, 220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 180, 220) }
```

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

```
.background{ background-color: rgb(172,  
180, 220) }
```

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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