

Converting Colors

`RYB(201, 207, 234)`

Have a look what the booklet for
RYB(201, 207, 234) contains.

RYB(201, 207, 234)	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

$\text{RYB}(201, 207, 234)$

Conversions

Conversions Part 1

Format	Color
Hex	C9D0EA
RGB	201, 208, 234
RGB Percent	79%, 82%, 92%
CMY	0.2118, 0.1830, 0.0824
CMYK	0.14, 0.11, 0.00, 0.08
HSL	227°, 44%, 85%
HSV	227°, 14%, 92%
XYZ	61.5759, 63.6325, 86.8788
YIQ	208.8710, -12.5180, 6.6020

Conversions

Conversions Part 2

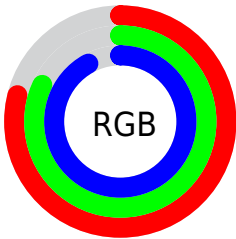
Format	Color
R _Y B	201, 207, 234
Decimal	13226218
CIE Lab	83.77, 2.58, -13.48
CIE LCh	84, 13.722, 280.838
Yxy	63.6325, 0.2903, 0.3000
Android (android.graphics.Color)	4291416298 (0xFFC9D0EA)
YUV	208.8710, 12.3886, -6.9029
Hunter-Lab	79.7700, -1.8100, -8.7347

Details

The RYB color **201, 207, 234** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **210, 234, 201**, and the grayscale version is **209, 209, 209**.

A 20% lighter version of the original color is 255, 255, 255, and **147, 153, 178** is the 20% darker color. If you saturate the color by 10%, you get **178, 188, 234**, and if you desaturate by 10%, it is **224, 226, 234**.

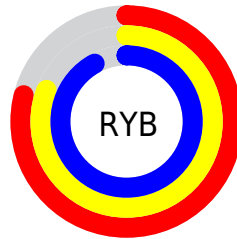
Distribution



Red (79%)

Green (82%)

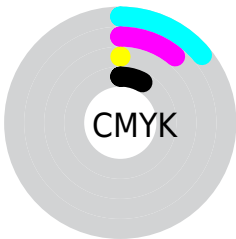
Blue (92%)



Red (79%)

Yellow (81%)

Blue (92%)

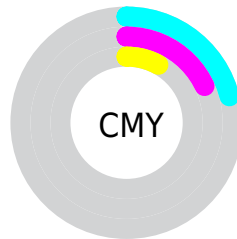


Cyan (14%)

Magenta (11%)

Yellow (0%)

Black (8%)



Cyan (21%)

Magenta (18%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the RYB color 201, 207, 234 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 201, 207, 234 by changing the saturation by 10% instead.

■ 201, 207, 234

255, 255, 255

■ 201, 207, 234

■ 174, 180, 206

■ 147, 153, 178

■ 121, 127, 152

■ 96, 102, 126

■ 72, 78, 101

■ 49, 55, 77

■ 27, 33, 54

■ 4, 11, 33


■ 0, 0, 7

 201, 207, 234


 201, 207, 234

 178, 188, 234


 224, 226, 234


 154, 169, 234

 238, 248, 234

 131, 150, 234

 234, 255, 234

 107, 131, 234

 84, 111, 234

 61, 92, 234

 37, 73, 234

 14, 54, 234

 0, 43, 234

Harmonies

Analogous

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



186, 203, 233



201, 207, 234



217, 204, 228

Triad

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



201, 207, 234



235, 205, 192



186, 206, 216

Complementary

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



201, 207, 234



210, 234, 201

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.



189, 213, 202



201, 207, 234



227, 223, 185

Square

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



201, 207, 234



236, 200, 204



191, 215, 184



177, 198, 217

Rectangle

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



201, 207, 234



226, 202, 222



191, 215, 184



190, 210, 215

Sweetspot

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



201, 207, 234



245, 247, 255



201, 220, 234



121, 123, 128



0, 0, 0



128, 128, 128

Same Dimension

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



201, 207, 234



212, 219, 255



210, 201, 234



106, 108, 117



0, 33, 181



0, 10, 54

Inverse Universe

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



234, 201, 208



255, 212, 221



201, 234, 210



117, 106, 108



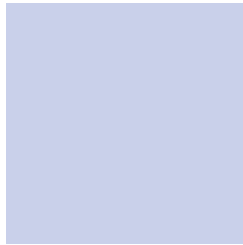
181, 0, 40



54, 0, 12

Previews

White Background



This preview shows how the RYB color 201, 207, 234 looks on a white background.

Color Contrast Check

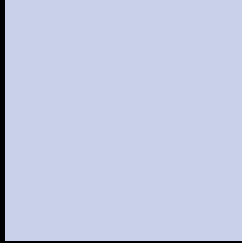
Large Text (above 18pt) WCAG AA × Fail

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 201, 207, 234 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

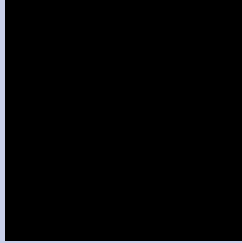
Any Text WCAG AA ✓ Pass

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 201, 207, 234 Background



This preview shows how black text looks on a background with the RYB color 201, 207, 234.

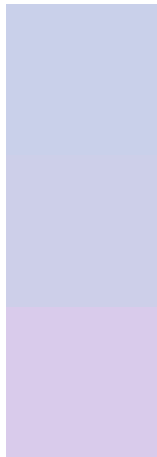


This preview shows how white text looks on a background with the RYB color 201, 207, 234.

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
201, 207, 234

Protanopia
205, 207, 233

Deuteranopia
217, 203, 235



Tritanopia
200, 207, 226

Trichromacy



Original Color
201, 207, 234

Protanomaly
204, 207, 233

Deuteranomaly
211, 205, 235

Tritanomaly
200, 207, 229

Monochromacy



Original Color
201, 207, 234

Achromatopsia
209, 209, 209

Achromatomaly
206, 208, 218

CSS Examples

Text

The CSS property to change the color of the text to RYB 201, 207, 234 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(201, 208, 234)` looks like.

```
.text, #text, p{  
    color:rgb(201, 208, 234)  
}
```

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(201, 208, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 208, 234) }
```

Border

The CSS property to change the border of an element to RYB 201, 207, 234 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(201, 208, 234) }
```

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

```
.border{ border-color:rgb(201, 208, 234) }
```

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

Here you see how a box with a 4 pixel rgb(201, 208, 234) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 208, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 208, 234);  
box-shadow:4px 4px 4px 4px rgb(201, 208,  
234) }
```

Background

The CSS property to change the background color of an element to RGB 201, 208, 234 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 208, 234) }
```

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

```
.background{ background-color: rgb(201,  
208, 234) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor