

Converting Colors

`RYB(192, 197, 254)`

Have a look what the booklet for
RYB(192, 197, 254) contains.

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Color

R_YB(192, 197, 254)

Conversions

Conversions Part 1

Format	Color
Hex	C0C5FE
RGB	192, 197, 254
RGB Percent	75%, 77%, 100%
CMY	0.2471, 0.2257, 0.0039
CMYK	0.24, 0.22, 0.00, 0.00
HSL	235°, 97%, 87%
HSV	235°, 24%, 100%
XYZ	59.6936, 58.4942, 101.9103
YIQ	202.0030, -21.2770, 16.6670

Conversions

Conversions Part 2

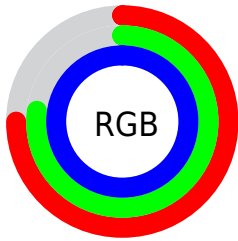
Format	Color
RYB	192, 197, 254
Decimal	12633598
CIELab	81.01, 10.03, -28.37
CIELCh	81, 30.093, 289.466
Yxy	58.4942, 0.2712, 0.2658
Android (android.graphics.Color)	4290823678 (0xFFC0C5FE)
YUV	202.0030, 25.6345, -8.7726
Hunter-Lab	76.4815, 5.4761, -25.4658

Details

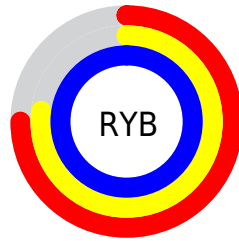
The RYB color **192, 197, 254** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **197, 254, 192**, and the grayscale version is **202, 202, 202**.

A 20% lighter version of the original color is **249, 252, 255**, and **137, 142, 197** is the 20% darker color. If you saturate the color by 10%, you get **167, 173, 254**, and if you desaturate by 10%, it is **217, 221, 254**.

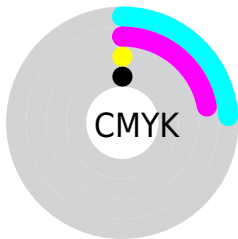
Distribution



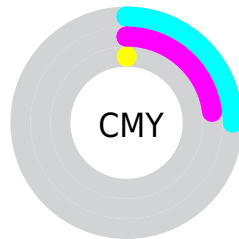
- Red (75%)
- Green (77%)
- Blue (100%)



- Red (75%)
- Yellow (77%)
- Blue (100%)



- Cyan (24%)
- Magenta (22%)
- Yellow (0%)
- Black (0%)




- Cyan (25%)
- Magenta (23%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the RYB color 192, 197, 254 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 192, 197, 254 by changing the saturation by 10% instead.


 192, 197, 254


255, 255, 255

 249, 252, 255

 192, 197, 254

 164, 169, 225

 137, 143, 197

 111, 117, 170

 85, 93, 143

 60, 69, 117

 35, 46, 92

 6, 22, 69

 0, 0, 46

 0, 1, 25

■ 192, 197, 254

■ 192, 197, 254

■ 167, 173, 254

■ 217, 221, 254

■ 141, 150, 254

■ 243, 244, 254

■ 116, 127, 254

254, 255, 254

■ 90, 104, 254

■ 65, 81, 254

■ 40, 57, 254

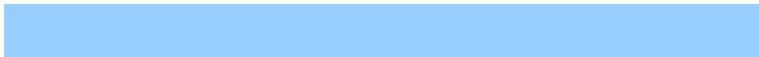
■ 14, 33, 254

■ 0, 20, 254

Harmonies

Analogous

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



152, 188, 255



192, 197, 254



228, 188, 238

Triad

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



192, 197, 254



251, 198, 160



139, 185, 216

Complementary

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



192, 197, 254



197, 254, 192

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.



164, 212, 206



192, 197, 254



206, 231, 146

Square

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



192, 197, 254



255, 181, 184



148, 205, 150



118, 168, 219

Rectangle

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



192, 197, 254



245, 183, 222



148, 205, 150



149, 193, 215

Sweetspot

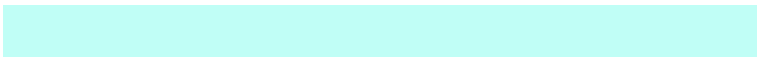
The Sweet Spot groups the original color and five complimentary colors.



192, 197, 254



237, 239, 255



192, 225, 254



117, 118, 128



0, 0, 0



128, 128, 128

Same Dimension

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



192, 197, 254



181, 187, 255



217, 192, 254



115, 116, 128



0, 16, 191



0, 5, 64

Inverse Universe

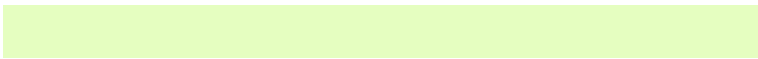
The Inverse Universe completely reimagines the original color for something new.



254, 192, 197



255, 181, 188



192, 254, 217



128, 115, 116



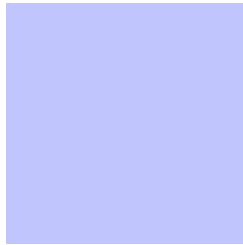
191, 0, 17



64, 0, 6

Previews

White Background



This preview shows how the RYB color 192, 197, 254 looks on a white background.

Color Contrast Check

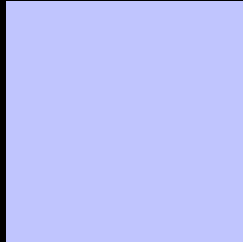
Large Text (above 18pt) WCAG AA × Fail

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 192, 197, 254 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

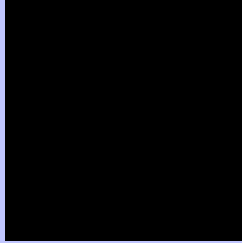
Any Text WCAG AA ✓ Pass

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 192, 197, 254 Background



This preview shows how black text looks on a background with the RYB color 192, 197, 254.



This preview shows how white text looks on a background with the RYB color 192, 197, 254.

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
192, 197, 254

Protanopia
187, 197, 255

Deuteranopia
193, 197, 254



Tritanopia
185, 197, 220

Trichromacy



Original Color

192, 197, 254

Protanomaly

189, 197, 255

Deuteranomaly

193, 197, 254

Tritanomaly

188, 199, 232

Monochromacy



Original Color

192, 197, 254

Achromatopsia

202, 202, 202

Achromatomaly

198, 200, 221

CSS Examples

Text

The CSS property to change the color of the text to RYB 192, 197, 254 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(192, 197, 254)` looks like.

```
.text, #text, p{  
    color:rgb(192, 197, 254)  
}
```

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(192, 197, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 197, 254) }
```

Border

The CSS property to change the border of an element to RYB 192, 197, 254 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(192, 197, 254) }
```

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

```
.border{ border-color:rgb(192, 197, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 197, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 197, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 197, 254);  
box-shadow:4px 4px 4px 4px rgb(192, 197,  
254) }
```

Background

The CSS property to change the background color of an element to RYB 192, 197, 254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 197, 254) }
```

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

```
.background{ background-color: rgb(192,  
197, 254) }
```

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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