

Converting Colors

`RYB(191, 196, 225)`

Have a look what the booklet for
RYB(191, 196, 225) contains.

RYB(191, 196, 225)	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(191, 196, 225)

Conversions

Conversions Part 1

Format	Color
Hex	BFC5E1
RGB	191, 197, 225
RGB Percent	75%, 77%, 88%
CMY	0.2510, 0.2280, 0.1176
CMYK	0.15, 0.13, 0.00, 0.12
HSL	230°, 36%, 82%
HSV	230°, 15%, 88%
XYZ	55.0114, 56.3825, 79.2177
YIQ	198.3980, -12.5640, 7.4360

Conversions

Conversions Part 2

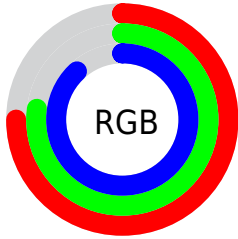
Format	Color
RYB	191, 196, 225
Decimal	12568033
CIELab	79.83, 3.62, -14.65
CIELCh	80, 15.095, 283.877
Yxy	56.3825, 0.2886, 0.2958
Android (android.graphics.Color)	4290758113 (0xFFBFC5E1)
YUV	198.3980, 13.1148, -6.4880
Hunter-Lab	75.0883, -0.6313, -9.9888

Details

The RYB color **191, 196, 225** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **198, 225, 191**, and the grayscale version is **198, 198, 198**.

A 20% lighter version of the original color is **248, 251, 255**, and **137, 142, 170** is the 20% darker color. If you saturate the color by 10%, you get **169, 177, 225**, and if you desaturate by 10%, it is **214, 215, 225**.

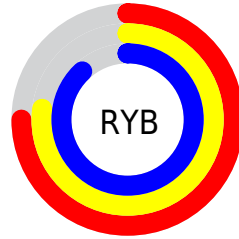
Distribution



Red (75%)

Green (77%)

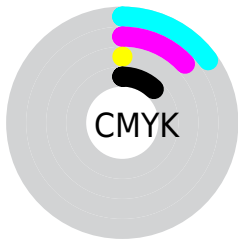
Blue (88%)



Red (75%)

Yellow (77%)

Blue (88%)

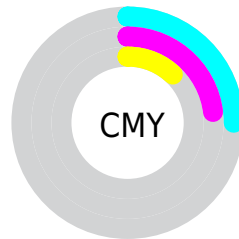


Cyan (15%)

Magenta (13%)

Yellow (0%)

Black (12%)



Cyan (25%)

Magenta (23%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the RYB color 191, 196, 225 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 191, 196, 225 by changing the saturation by 10% instead.

■ 191, 196, 225

255, 255, 255

■ 248, 251, 255

■ 191, 196, 225

■ 164, 169, 197

■ 137, 142, 170

■ 112, 117, 143

■ 87, 92, 118


■ 63, 68, 93


■ 41, 46, 69


■ 19, 25, 47

■ 0, 0, 27

■ 0, 0, 0

 191, 196, 225


 191, 196, 225

 169, 177, 225


 214, 215, 225

 146, 158, 225


 227, 236, 225

 124, 139, 225

 227, 255, 225

 101, 119, 225

 225, 255, 225

 78, 100, 225

 56, 81, 225

 33, 62, 225

 11, 43, 225

 0, 33, 225

Harmonies

Analogous

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



174, 192, 224



191, 196, 225



209, 192, 218

Triad

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



191, 196, 225



226, 193, 179



172, 194, 206

Complementary

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



191, 196, 225



198, 225, 191

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.



177, 203, 194



191, 196, 225



217, 217, 171

Square

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



191, 196, 225



228, 188, 192



174, 202, 171



163, 185, 206

Rectangle

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



191, 196, 225



218, 190, 211



174, 202, 171



176, 198, 205

Sweetspot

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



191, 196, 225



242, 244, 255



191, 210, 225



120, 121, 128



0, 0, 0



128, 128, 128

Same Dimension

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



191, 196, 225



209, 216, 255



202, 191, 225



101, 103, 112



0, 26, 176



0, 7, 48

Inverse Universe

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



225, 191, 197



255, 209, 217



191, 225, 202



112, 101, 103



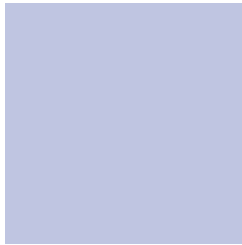
176, 0, 30



48, 0, 8

Previews

White Background



This preview shows how the RYB color 191, 196, 225 looks on a white background.

Color Contrast Check

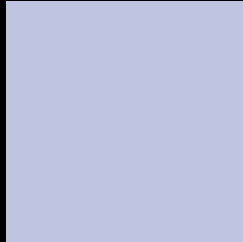
Large Text (above 18pt) WCAG AA × Fail

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 191, 196, 225 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

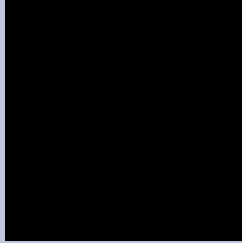
Any Text WCAG AA ✓ Pass

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](#).

RYP 191, 196, 225 Background



This preview shows how black text looks on a background with the RYB color 191, 196, 225.



This preview shows how white text looks on a background with the RYB color 191, 196, 225.

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](#).

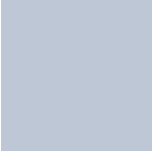
Dichromacy



Original Color
191, 196, 225

Protanopia
193, 196, 225

Deuteranopia
204, 193, 226



Tritanopia
189, 196, 214

Trichromacy



Original Color
191, 196, 225

Protanomaly
192, 196, 225

Deuteranomaly
199, 194, 226

Tritanomaly
190, 196, 218

Monochromacy



Original Color
191, 196, 225

Achromatopsia
198, 198, 198

Achromatomaly
195, 197, 208

CSS Examples

Text

The CSS property to change the color of the text to RYB 191, 196, 225 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(191, 197, 225)` looks like.

```
.text, #text, p{  
    color:rgb(191, 197, 225)  
}
```

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(191, 197, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 197, 225) }
```

Border

The CSS property to change the border of an element to RYB 191, 196, 225 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(191, 197, 225) }
```

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

```
.border{ border-color:rgb(191, 197, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 197, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 197, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 197, 225);  
box-shadow:4px 4px 4px 4px rgb(191, 197,  
225) }
```

Background

The CSS property to change the background color of an element to RYB 191, 196, 225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 197, 225) }
```

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

```
.background{ background-color: rgb(191,  
197, 225) }
```

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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