

Converting Colors

`RYB(190, 193, 224)`

Have a look what the booklet for
RYB(190, 193, 224) contains.

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Color

R_YB(190, 193, 224)

Conversions

Conversions Part 1

Format	Color
Hex	BEC1E0
RGB	190, 193, 224
RGB Percent	75%, 76%, 88%
CMY	0.2549, 0.2420, 0.1216
CMYK	0.15, 0.14, 0.00, 0.12
HSL	234°, 35%, 81%
HSV	234°, 15%, 88%
XYZ	53.8240, 54.5974, 78.2225
YIQ	195.6370, -11.7390, 9.0050

Conversions

Conversions Part 2

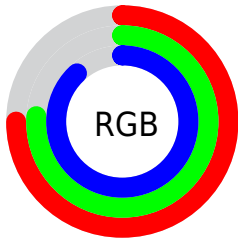
Format	Color
RYB	190, 193, 224
Decimal	12501472
CIELab	78.81, 5.01, -15.66
CIELCh	79, 16.441, 287.729
Yxy	54.5974, 0.2884, 0.2925
Android (android.graphics.Color)	4290691552 (0xFFBEC1E0)
YUV	195.6370, 13.9830, -4.9436
Hunter-Lab	73.8900, 0.7177, -11.0434

Details

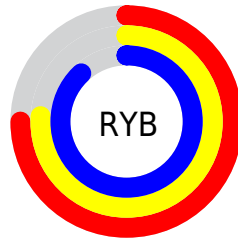
The RYB color **190, 193, 224** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **193, 224, 190**, and the grayscale version is **196, 196, 196**.

A 20% lighter version of the original color is **247, 249, 255**, and **136, 140, 169** is the 20% darker color. If you saturate the color by 10%, you get **168, 173, 224**, and if you desaturate by 10%, it is **212, 214, 224**.

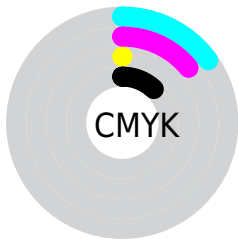
Distribution



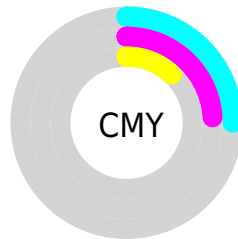
- Red (75%)
- Green (76%)
- Blue (88%)



- Red (75%)
- Yellow (76%)
- Blue (88%)



- Cyan (15%)
- Magenta (14%)
- Yellow (0%)
- Black (12%)



- Cyan (25%)
- Magenta (24%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the RYB color 190, 193, 224 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 190, 193, 224 by changing the saturation by 10% instead.

■ 190, 193, 224

255, 255, 255

■ 247, 249, 255

■ 190, 193, 224

■ 163, 166, 196

■ 136, 140, 169

■ 111, 114, 142

■ 86, 90, 117

■ 62, 66, 92


■ 40, 44, 68


■ 18, 23, 46

■ 0, 1, 26

■ 0, 0, 0

 190, 193, 224

 190, 193, 224

 168, 173, 224


 212, 214, 224

 145, 152, 224

 225, 235, 224

 123, 132, 224

 225, 255, 224

 100, 111, 224

 224, 255, 224

 78, 91, 224

 56, 71, 224

 33, 50, 224

 11, 29, 224

 0, 20, 224

Harmonies

Analogous

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



171, 189, 225



190, 193, 224



209, 188, 216

Triad

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



190, 193, 224



224, 192, 173



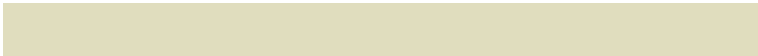
165, 190, 204

Complementary

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



190, 193, 224



193, 224, 190

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.



174, 201, 195



190, 193, 224



204, 213, 166

Square

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



190, 193, 224



228, 185, 186



167, 198, 166



156, 180, 204

Rectangle

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



190, 193, 224



219, 186, 207



167, 198, 166



169, 193, 203

Sweetspot

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



190, 193, 224



242, 243, 255



190, 208, 224



120, 121, 128



0, 0, 0



128, 128, 128

Same Dimension

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



190, 193, 224



209, 214, 255



204, 190, 224



101, 102, 112



0, 16, 176



0, 5, 48

Inverse Universe

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



224, 190, 193



255, 209, 214



190, 224, 204



112, 101, 102



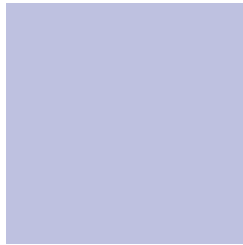
176, 0, 17



48, 0, 5

Previews

White Background



This preview shows how the RYB color 190, 193, 224 looks on a white background.

Color Contrast Check

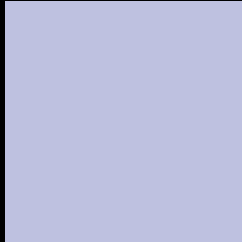
Large Text (above 18pt) WCAG AA × Fail

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 190, 193, 224 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

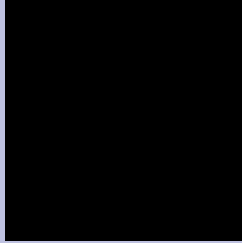
Any Text WCAG AA ✓ Pass

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](#).

R Y B 190, 193, 224 Background



This preview shows how black text looks on a background with the RYB color 190, 193, 224.



This preview shows how white text looks on a background with the RYB color 190, 193, 224.

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](#).

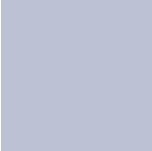
Dichromacy



Original Color
190, 193, 224

Protanopia
190, 193, 224

Deuteranopia
200, 190, 225



Tritanopia
188, 193, 211

Trichromacy



Original Color

190, 193, 224

Protanomaly

190, 193, 224

Deuteranomaly

196, 191, 225

Tritanomaly

189, 193, 216

Monochromacy



Original Color

190, 193, 224

Achromatopsia

196, 196, 196

Achromatomaly

194, 195, 206

CSS Examples

Text

The CSS property to change the color of the text to RYB 190, 193, 224 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(190, 193, 224)` looks like.

```
.text, #text, p{  
    color:rgb(190, 193, 224)  
}
```

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(190, 193, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 193, 224) }
```

Border

The CSS property to change the border of an element to RYB 190, 193, 224 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(190, 193, 224) }
```

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

```
.border{ border-color:rgb(190, 193, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 193, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 193, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 193, 224);  
box-shadow:4px 4px 4px 4px rgb(190, 193,  
224) }
```

Background

The CSS property to change the background color of an element to RYB 190, 193, 224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 193, 224) }
```

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

```
.background{ background-color: rgb(190,  
193, 224) }
```

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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