

Converting Colors

`RYB(192, 200, 214)`

Have a look what the booklet for
RYB(192, 200, 214) contains.

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Color

R_YB(192, 200, 214)

Conversions

Conversions Part 1

Format	Color
Hex	C0CDD6
RGB	192, 205, 214
RGB Percent	75%, 80%, 84%
CMY	0.2471, 0.1978, 0.1608
CMYK	0.10, 0.04, 0.00, 0.16
HSL	206°, 21%, 80%
HSV	206°, 10%, 84%
XYZ	55.6048, 59.5194, 72.1760
YIQ	202.1390, -10.6370, 0.0430

Conversions

Conversions Part 2

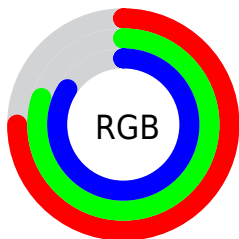
Format	Color
RYB	192, 200, 214
Decimal	12635606
CIELab	81.58, -2.41, -6.15
CIELCh	82, 6.605, 248.606
Yxy	59.5194, 0.2969, 0.3178
Android (android.graphics.Color)	4290825686 (0xFFC0CDD6)
YUV	202.1390, 5.8475, -8.8919
Hunter-Lab	77.1488, -6.3571, -1.4642

Details

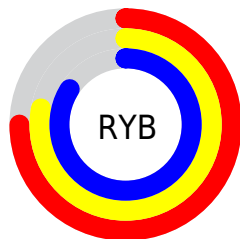
The RYB color **192, 200, 214** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **214, 207, 192**, and the grayscale version is **202, 202, 202**.

A 20% lighter version of the original color is **248, 252, 255**, and **138, 146, 159** is the 20% darker color. If you saturate the color by 10%, you get **171, 186, 214**, and if you desaturate by 10%, it is **213, 214, 214**.

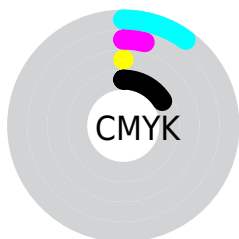
Distribution



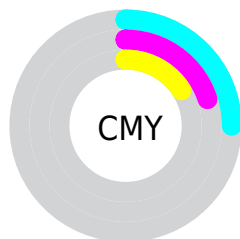
- Red (75%)
- Green (80%)
- Blue (84%)



- Red (75%)
- Yellow (78%)
- Blue (84%)



- Cyan (10%)
- Magenta (4%)
- Yellow (0%)
- Black (16%)



- Cyan (25%)
- Magenta (20%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the RYB color 192, 200, 214 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, 200, 214 by changing the saturation by 10% instead.

■ 192, 200, 214

255, 255, 255

■ 248, 252, 255

■ 192, 200, 214

■ 165, 173, 186

■ 138, 146, 159

■ 113, 121, 133

■ 88, 96, 108

■ 65, 72, 84

■ 42, 49, 61


■ 21, 28, 39

■ 0, 6, 18

■ 0, 0, 0

 192, 200, 214


 192, 200, 214

 171, 186, 214


 213, 214, 214

 149, 173, 214


 235, 230, 214

 128, 159, 214


 255, 246, 214

 106, 145, 214


 235, 255, 214


 85, 132, 214

 220, 255, 214

 64, 119, 214

 214, 255, 214

 42, 104, 214

 21, 91, 214

 0, 78, 214

Harmonies

Analogous

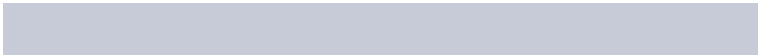
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



188, 198, 210



192, 200, 214



199, 202, 215

Triad

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



192, 200, 214



216, 199, 201



193, 205, 199

Complementary

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



192, 200, 214



214, 207, 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.



195, 206, 191



192, 200, 214



216, 200, 195

Square

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



192, 200, 214



213, 199, 207



212, 210, 191



192, 202, 206

Rectangle

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



192, 200, 214



204, 201, 214



212, 210, 191



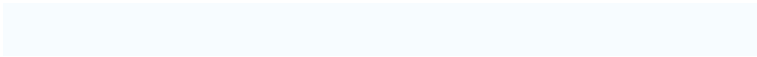
192, 204, 195

Sweetspot

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



192, 200, 214



247, 250, 255



192, 208, 214



122, 124, 128



0, 0, 0



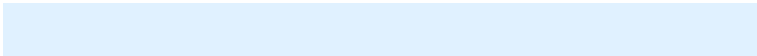
128, 128, 128

Same Dimension

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



192, 200, 214



224, 235, 255



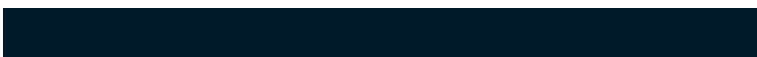
192, 194, 214



96, 100, 107



0, 62, 171



0, 16, 43

Inverse Universe

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



214, 192, 205



255, 224, 242



194, 214, 192



107, 96, 103



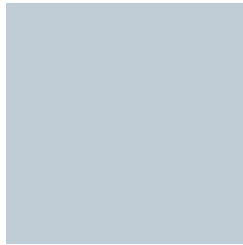
171, 0, 98



43, 0, 25

Previews

White Background



This preview shows how the RYB color 192, 200, 214 looks on a white background.

Color Contrast Check

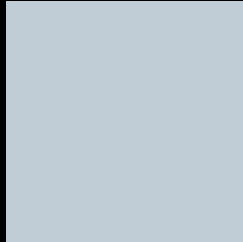
Large Text (above 18pt) WCAG AA × Fail

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, 200, 214 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

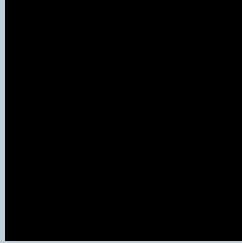
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

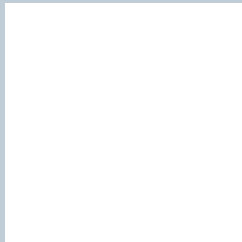
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 192, 200, 214 Background



This preview shows how black text looks on a background with the RYB color 192, 200, 214.

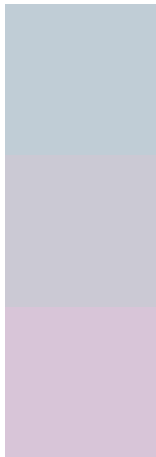


This preview shows how white text looks on a background with the RYB color 192, 200, 214.

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, 200, 214

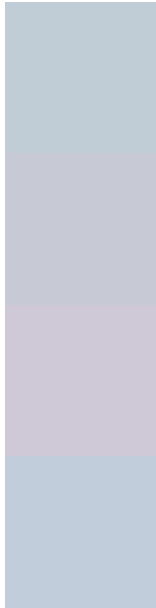
Protanopia
203, 201, 212

Deuteranopia
216, 197, 216



Tritanopia
193, 201, 220

Trichromacy



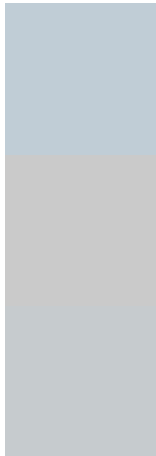
Original Color
192, 200, 214

Protanomaly
199, 201, 213

Deuteranomaly
207, 200, 215

Tritanomaly
193, 201, 218

Monochromacy



Original Color
192, 200, 214

Achromatopsia
202, 202, 202

Achromatomaly
198, 201, 206

CSS Examples

Text

The CSS property to change the color of the text to RYB 192, 200, 214 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, 205, 214) looks like.

```
.text, #text, p{  
    color:rgb(192, 205, 214)  
}
```

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, 205, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 205, 214) }
```

Border

The CSS property to change the border of an element to RYB 192, 200, 214 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, 205, 214) }
```

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

```
.border{ border-color:rgb(192, 205, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 205, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 205, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 205, 214);  
box-shadow:4px 4px 4px 4px rgb(192, 205,  
214) }
```

Background

The CSS property to change the background color of an element to RYB 192, 200, 214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 205, 214) }
```

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

```
.background{ background-color: rgb(192,  
205, 214) }
```

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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