

Converting Colors

`RYB(194, 205, 215)`

Have a look what the booklet for
RYB(194, 205, 215) contains.

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Color

$\text{RYB}(194, 205, 215)$

Conversions

Conversions Part 1

Format	Color
Hex	C2D7D5
RGB	194, 215, 213
RGB Percent	76%, 84%, 84%
CMY	0.2392, 0.1569, 0.1643
CMYK	0.10, 0.00, 0.01, 0.16
HSL	175°, 21%, 80%
HSV	175°, 10%, 84%
XYZ	58.5704, 64.8789, 72.4472
YIQ	208.4930, -11.8740, -5.0740

Conversions

Conversions Part 2

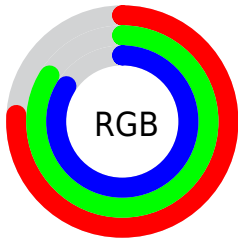
Format	Color
RYB	194, 205, 215
Decimal	12769237
CIELab	84.42, -7.37, -1.46
CIELCh	84, 7.510, 191.228
Yxy	64.8789, 0.2990, 0.3312
Android (android.graphics.Color)	4290959317 (0xFFC2D7D5)
YUV	208.4930, 2.2220, -12.7104
Hunter-Lab	80.5475, -11.1612, 3.0557

Details

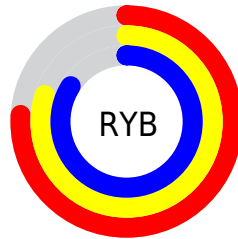
The RYB color **194, 205, 215** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **215, 194, 196**, and the grayscale version is **208, 208, 208**.

A 20% lighter version of the original color is **251, 253, 255**, and **140, 151, 160** is the 20% darker color. If you saturate the color by 10%, you get **173, 195, 215**, and if you desaturate by 10%, it is **216, 215, 215**.

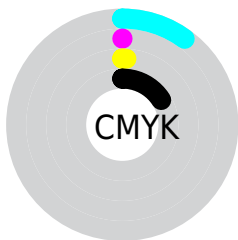
Distribution



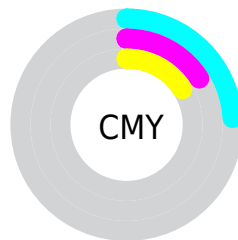
- Red (76%)
- Green (84%)
- Blue (84%)



- Red (76%)
- Yellow (80%)
- Blue (84%)



- Cyan (10%)
- Magenta (0%)
- Yellow (1%)
- Black (16%)



- Cyan (24%)
- Magenta (16%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the RYB color 194, 205, 215 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 194, 205, 215 by changing the saturation by 10% instead.

■ 194, 205, 215

255, 255, 255

■ 251, 253, 255

■ 194, 205, 215

■ 167, 178, 187

■ 140, 150, 160

■ 115, 125, 134

■ 90, 100, 109

■ 66, 76, 85

■ 44, 53, 61

■ 23, 32, 40

■ 0, 10, 19


■ 0, 0, 0

 194, 205, 215


 194, 205, 215

 173, 195, 215

 216, 215, 215

 151, 185, 215


 237, 215, 217

 130, 175, 215


 255, 215, 219

 108, 164, 215


 255, 215, 221

 86, 154, 215


 255, 215, 223

 65, 144, 215

 255, 215, 225

 43, 133, 215

 255, 215, 227

 22, 123, 215

 255, 215, 229

 0, 112, 215

 255, 215, 231

Harmonies

Analogous

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



198, 210, 215



194, 205, 215



194, 205, 220

Triad

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



194, 205, 215



215, 208, 221



221, 221, 197

Complementary

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



194, 205, 215



215, 194, 196

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.



226, 208, 202



194, 205, 215



222, 206, 215

Square

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



194, 205, 215



207, 210, 224



226, 206, 208



201, 214, 197

Rectangle

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



194, 205, 215



197, 207, 223



226, 206, 208



223, 215, 198

Sweetspot

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



194, 205, 215



247, 251, 255



194, 215, 213



122, 125, 128



0, 0, 0



128, 128, 128

Same Dimension

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



194, 205, 215



224, 240, 255



194, 202, 215



96, 102, 107



0, 90, 171



0, 23, 43

Inverse Universe

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



215, 194, 196



255, 224, 227



215, 207, 194



107, 96, 97



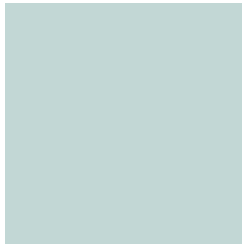
171, 0, 16



43, 0, 4

Previews

White Background



This preview shows how the RYB color 194, 205, 215 looks on a white background.

Color Contrast Check

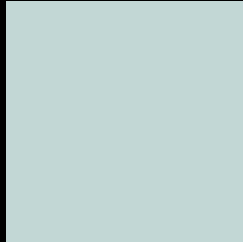
Large Text (above 18pt) WCAG AA × Fail

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 194, 205, 215 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

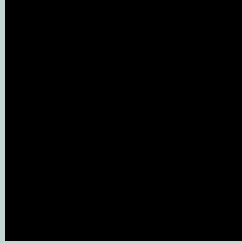
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

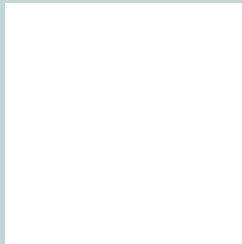
Any Text WCAG AAA ✓ Pass

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

RYB 194, 205, 215 Background



This preview shows how black text looks on a background with the RYB color 194, 205, 215.

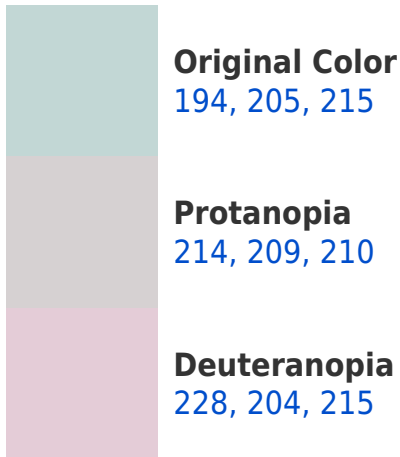


This preview shows how white text looks on a background with the RYB color 194, 205, 215.

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





Tritanopia
197, 207, 229

Trichromacy



Original Color

194, 205, 215

Protanomaly

207, 209, 211

Deuteranomaly

216, 208, 214

Tritanomaly

196, 206, 223

Monochromacy



Original Color

194, 205, 215

Achromatopsia

209, 209, 209

Achromatomaly

204, 208, 211

CSS Examples

Text

The CSS property to change the color of the text to RYB 194, 205, 215 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(194, 215, 213)` looks like.

```
.text, #text, p{  
    color:rgb(194, 215, 213)  
}
```

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(194, 215, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 215, 213) }
```

Border

The CSS property to change the border of an element to RYB 194, 205, 215 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(194, 215, 213) }
```

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

```
.border{ border-color:rgb(194, 215, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 215, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 215, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 215, 213);  
box-shadow:4px 4px 4px 4px rgb(194, 215,  
213) }
```

Background

The CSS property to change the background color of an element to RYB 194, 205, 215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 215, 213) }
```

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

```
.background{ background-color: rgb(194,  
215, 213) }
```

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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