

Converting Colors

`RYB(196, 205, 213)`

Have a look what the booklet for
RYB(196, 205, 213) contains.

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Color

RYB(196, 205, 213)

Conversions

Conversions Part 1

Format	Color
Hex	C4D5D3
RGB	196, 213, 211
RGB Percent	77%, 84%, 83%
CMY	0.2314, 0.1647, 0.1721
CMYK	0.08, 0.00, 0.01, 0.16
HSL	173°, 17%, 80%
HSV	173°, 8%, 84%
XYZ	58.3310, 64.0330, 70.9863
YIQ	207.6890, -9.4900, -4.2260

Conversions

Conversions Part 2

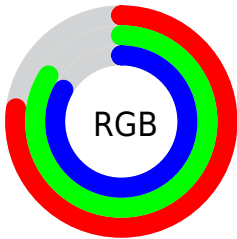
Format	Color
RYB	196, 205, 213
Decimal	12899795
CIELab	83.98, -6.06, -1.04
CIELCh	84, 6.145, 189.710
Yxy	64.0330, 0.3017, 0.3312
Android (android.graphics.Color)	4291089875 (0xFFC4D5D3)
YUV	207.6890, 1.6323, -10.2513
Hunter-Lab	80.0206, -9.9185, 3.4183

Details

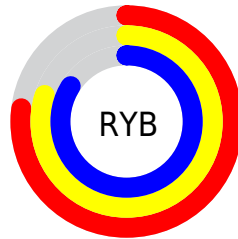
The RYB color **196, 205, 213** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **213, 196, 198**, and the grayscale version is **208, 208, 208**.

A 20% lighter version of the original color is **253, 254, 255**, and **142, 150, 158** is the 20% darker color. If you saturate the color by 10%, you get **175, 195, 213**, and if you desaturate by 10%, it is **217, 213, 213**.

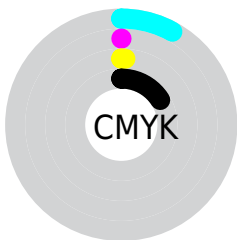
Distribution



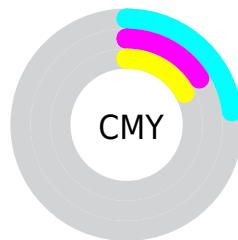
- Red (77%)
- Green (84%)
- Blue (83%)



- Red (77%)
- Yellow (80%)
- Blue (84%)



- Cyan (8%)
- Magenta (0%)
- Yellow (1%)
- Black (16%)



- Cyan (23%)
- Magenta (16%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the RYB color 196, 205, 213 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 196, 205, 213 by changing the saturation by 10% instead.


 196, 205, 213

255, 255, 255


253, 254, 255


 196, 205, 213

 169, 178, 185

 142, 150, 158

 117, 125, 132

 92, 100, 107

 68, 76, 83

 46, 54, 60

 25, 32, 38

 0, 10, 18

 0, 0, 0

 196, 205, 213


 196, 205, 213

 175, 195, 213


 217, 213, 213

 153, 185, 213


 239, 213, 216

 132, 175, 213


 255, 213, 218

 111, 165, 213


 255, 213, 221

 90, 155, 213


 255, 213, 223

 68, 145, 213


 255, 213, 225

 47, 135, 213

 255, 213, 228

 26, 125, 213

 255, 213, 230

 4, 115, 213

 255, 213, 232

Harmonies

Analogous

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



200, 209, 213



196, 205, 213



196, 205, 217

Triad

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



196, 205, 213



213, 207, 218



218, 216, 199

Complementary

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



196, 205, 213



213, 196, 198

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.



222, 207, 202



196, 205, 213



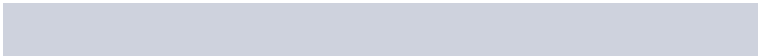
219, 206, 214

Square

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



196, 205, 213



206, 209, 221



222, 206, 208



200, 212, 198

Rectangle

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



196, 205, 213



198, 206, 219



222, 206, 208



220, 211, 200

Sweetspot

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



196, 205, 213



250, 253, 255



196, 213, 211



125, 127, 128



0, 0, 0



128, 128, 128

Same Dimension

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



196, 205, 213



230, 243, 255



196, 202, 213



96, 102, 107



0, 91, 171



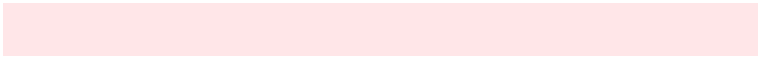
0, 23, 43

Inverse Universe

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



213, 196, 198



255, 230, 232



213, 208, 196



107, 96, 98



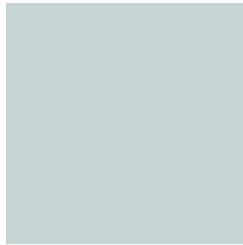
171, 0, 19



43, 0, 5

Previews

White Background



This preview shows how the RYB color 196, 205, 213 looks on a white background.

Color Contrast Check

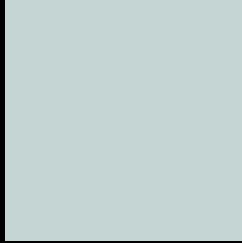
Large Text (above 18pt) WCAG AA × Fail

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 196, 205, 213 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

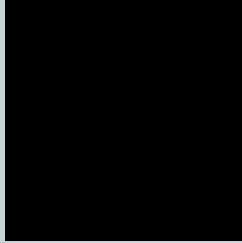
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

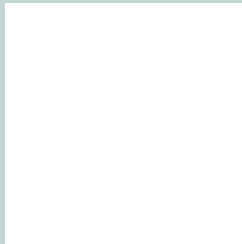
Any Text WCAG AAA ✓ Pass

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

RYB 196, 205, 213 Background



This preview shows how black text looks on a background with the RYB color 196, 205, 213.



This preview shows how white text looks on a background with the RYB color 196, 205, 213.

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
196, 205, 213

Protanopia
213, 208, 208

Deuteranopia
227, 203, 213



Tritanopia
199, 207, 227

Trichromacy



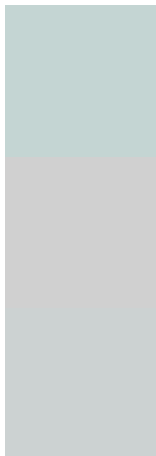
Original Color
196, 205, 213

Protanomaly
207, 209, 210

Deuteranomaly
216, 207, 212

Tritanomaly
198, 207, 221

Monochromacy



Original Color
196, 205, 213

Achromatopsia
208, 208, 208

Achromatomaly
204, 207, 210

CSS Examples

Text

The CSS property to change the color of the text to RYB 196, 205, 213 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(196, 213, 211)` looks like.

```
.text, #text, p{  
    color:rgb(196, 213, 211)  
}
```

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(196, 213, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 213, 211) }
```

Border

The CSS property to change the border of an element to RYB 196, 205, 213 is called "border". The border property can be set on classes, ids or directly on the HTML element.

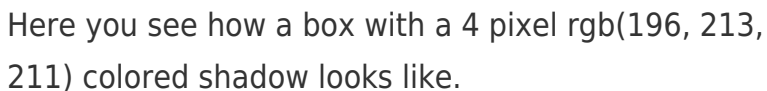
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(196, 213, 211) }
```

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

```
.border{ border-color:rgb(196, 213, 211) }
```

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



Here you see how a box with a 4 pixel `rgb(196, 213, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 213, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 213, 211);  
box-shadow:4px 4px 4px 4px rgb(196, 213,  
211) }
```

Background

The CSS property to change the background color of an element to RYB 196, 205, 213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 213, 211) }
```

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

```
.background{ background-color: rgb(196,  
213, 211) }
```

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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