

Converting Colors

`RYB(205, 213, 221)`

Have a look what the booklet for
RYB(205, 213, 221) contains.

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Color

RYB(205, 213, 221)

Conversions

Conversions Part 1

Format	Color
Hex	CDDDDD
RGB	205, 221, 221
RGB Percent	80%, 87%, 87%
CMY	0.1961, 0.1333, 0.1333
CMYK	0.07, 0.00, 0.00, 0.13
HSL	180°, 19%, 84%
HSV	180°, 7%, 87%
XYZ	64.0844, 69.9125, 78.5235
YIQ	216.2160, -9.5360, -3.3920

Conversions

Conversions Part 2

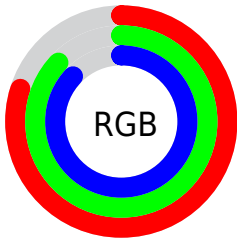
Format	Color
R _Y B	205, 213, 221
Decimal	13491677
CIE Lab	86.95, -5.33, -1.85
CIE LCh	87, 5.640, 199.113
Yxy	69.9125, 0.3015, 0.3290
Android (android.graphics.Color)	4291681757 (0xFFCDDDDD)
YUV	216.2160, 2.3585, -9.8364
Hunter-Lab	83.6137, -9.5154, 2.8490

Details

The RYB color **205, 213, 221** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **221, 205, 205**, and the grayscale version is **216, 216, 216**.

A 20% lighter version of the original color is **255, 255, 255**, and **151, 159, 166** is the 20% darker color. If you saturate the color by 10%, you get **183, 202, 221**, and if you desaturate by 10%, it is **227, 221, 221**.

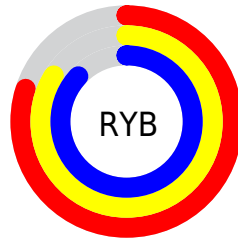
Distribution



Red (80%)

Green (87%)

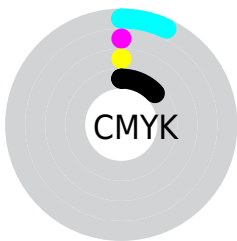
Blue (87%)



Red (80%)

Yellow (84%)

Blue (87%)

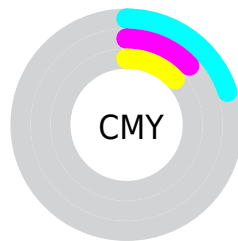


Cyan (7%)

Magenta (0%)

Yellow (0%)

Black (13%)



Cyan (20%)

Magenta (13%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the RYB color 205, 213, 221 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 205, 213, 221 by changing the saturation by 10% instead.

■ 205, 213, 221

255, 255, 255

■ 205, 213, 221

■ 177, 185, 193

■ 151, 159, 166

■ 125, 133, 140

■ 100, 107, 114

■ 76, 83, 90

■ 53, 60, 66

■ 31, 38, 44

■ 9, 17, 24


■ 0, 0, 0

 205, 213, 221

 205, 213, 221

 183, 202, 221

 227, 221, 221


 161, 191, 221


 249, 221, 221


 139, 180, 221


 255, 221, 221


 117, 169, 221

 94, 158, 221

 72, 147, 221

 50, 136, 221

 28, 125, 221

 6, 114, 221

Harmonies

Analogous

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



207, 216, 221



205, 213, 221



206, 214, 226

Triad

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



205, 213, 221



223, 215, 225



219, 224, 207

Complementary

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



205, 213, 221



221, 205, 205

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.



229, 217, 210



205, 213, 221



228, 214, 220

Square

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



205, 213, 221



217, 217, 228



230, 214, 214



209, 219, 208

Rectangle

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



205, 213, 221



209, 216, 228



230, 214, 214



226, 222, 208

Sweetspot

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



205, 213, 221



250, 253, 255



205, 221, 221



125, 127, 128



0, 0, 0



128, 128, 128

Same Dimension

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



205, 213, 221



232, 244, 255



205, 210, 221



99, 105, 110



0, 87, 173



0, 23, 46

Inverse Universe

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



221, 205, 221



255, 232, 255



221, 221, 205



110, 99, 110



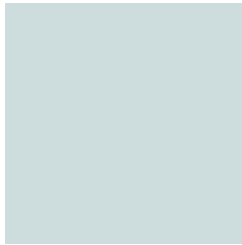
173, 0, 173



46, 0, 46

Previews

White Background



This preview shows how the RYB color 205, 213, 221 looks on a white background.

Color Contrast Check

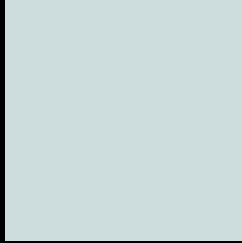
Large Text (above 18pt) WCAG AA × Fail

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 205, 213, 221 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

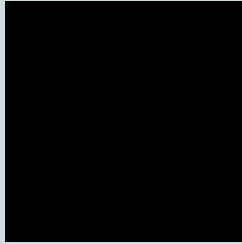
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

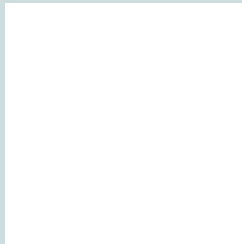
Any Text WCAG AAA ✓ Pass

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

RYP 205, 213, 221 Background



This preview shows how black text looks on a background with the RYP color 205, 213, 221.



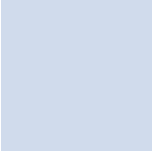
This preview shows how white text looks on a background with the RYP color 205, 213, 221.

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](#).

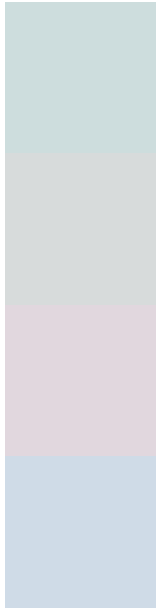
Dichromacy





Tritanopia
208, 216, 236

Trichromacy



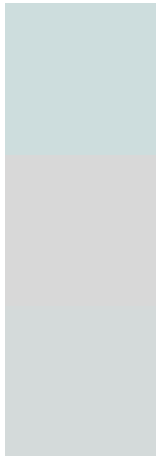
Original Color
205, 213, 221

Protanomaly
215, 217, 219

Deuteranomaly
225, 215, 222

Tritanomaly
207, 215, 231

Monochromacy



Original Color
205, 213, 221

Achromatopsia
216, 216, 216

Achromatomaly
212, 215, 218

CSS Examples

Text

The CSS property to change the color of the text to RGB 205, 213, 221 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(205, 221, 221) looks like.

```
.text, #text, p{  
    color:rgb(205, 221, 221)  
}
```

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(205, 221, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 221, 221) }
```

Border

The CSS property to change the border of an element to RYB 205, 213, 221 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(205, 221, 221) }
```

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

```
.border{ border-color:rgb(205, 221, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 221, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(205, 221, 221); -webkit-box-shadow:4px 4px 4px 4px rgb(205, 221, 221); box-shadow:4px 4px 4px 4px rgb(205, 221, 221) }
```

Background

The CSS property to change the background color of an element to RGB 205, 221, 221 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 221, 221) }
```

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

```
.background{ background-color: rgb(205,  
221, 221) }
```

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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