

Converting Colors

`RYB(201, 211, 221)`

Have a look what the booklet for
RYB(201, 211, 221) contains.

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Color

R_YB(201, 211, 221)

Conversions

Conversions Part 1

Format	Color
Hex	C9DDDD
RGB	201, 221, 221
RGB Percent	79%, 87%, 87%
CMY	0.2118, 0.1333, 0.1333
CMYK	0.09, 0.00, 0.00, 0.13
HSL	180°, 23%, 83%
HSV	180°, 9%, 87%
XYZ	62.9950, 69.3509, 78.4725
YIQ	215.0200, -11.9200, -4.2400

Conversions

Conversions Part 2

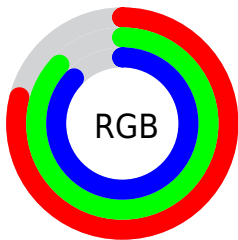
Format	Color
RYB	201, 211, 221
Decimal	13229533
CIELab	86.68, -6.64, -2.28
CIELCh	87, 7.018, 198.995
Yxy	69.3509, 0.2988, 0.3290
Android (android.graphics.Color)	4291419613 (0xFFC9DDDD)
YUV	215.0200, 2.9481, -12.2955
Hunter-Lab	83.2772, -10.7088, 2.4248

Details

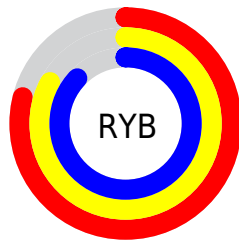
The RYB color **201, 211, 221** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **221, 201, 201**, and the grayscale version is **215, 215, 215**.

A 20% lighter version of the original color is **255, 255, 255**, and **147, 157, 166** is the 20% darker color. If you saturate the color by 10%, you get **179, 200, 221**, and if you desaturate by 10%, it is **223, 221, 221**.

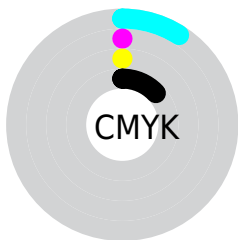
Distribution



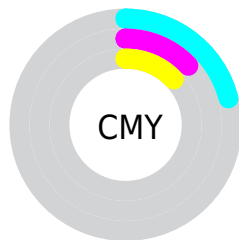
- Red (79%)
- Green (87%)
- Blue (87%)



- Red (79%)
- Yellow (83%)
- Blue (87%)



- Cyan (9%)
- Magenta (0%)
- Yellow (0%)
- Black (13%)



- Cyan (21%)
- Magenta (13%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the RYB color 201, 211, 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 201, 211, 221 by changing the saturation by 10% instead.

■ 201, 211, 221

255, 255, 255

■ 201, 211, 221

■ 174, 184, 193

■ 147, 157, 166

■ 121, 131, 140

■ 96, 105, 114

■ 72, 81, 90

■ 49, 58, 66

■ 28, 36, 44

■ 4, 14, 24

■ 0, 0, 0

 201, 211, 221

 201, 211, 221

 179, 200, 221

 223, 221, 221


 157, 189, 221


 245, 221, 221


 135, 178, 221


 255, 221, 221


 113, 167, 221

 91, 156, 221

 68, 145, 221

 46, 134, 221

 24, 123, 221

 2, 112, 221

Harmonies

Analogous

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



204, 215, 221



201, 211, 221



202, 212, 227

Triad

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



201, 211, 221



223, 214, 226



220, 225, 204

Complementary

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



201, 211, 221



221, 201, 201

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.



230, 217, 207



201, 211, 221



229, 213, 220

Square

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



201, 211, 221



215, 216, 229



232, 213, 213



204, 218, 204

Rectangle

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



201, 211, 221



206, 214, 229



232, 213, 213



227, 223, 205

Sweetspot

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



201, 211, 221



247, 251, 255



201, 221, 221



122, 125, 128



0, 0, 0



128, 128, 128

Same Dimension

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



201, 211, 221



227, 241, 255



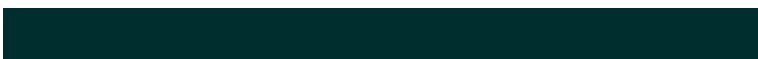
201, 208, 221



99, 105, 110



0, 87, 173



0, 23, 46

Inverse Universe

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



221, 201, 221



255, 227, 255



221, 221, 201



110, 99, 110



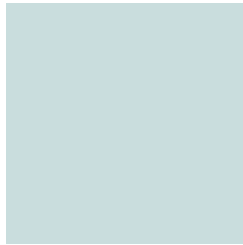
173, 0, 173



46, 0, 46

Previews

White Background



This preview shows how the RYB color 201, 211, 221 looks on a white background.

Color Contrast Check

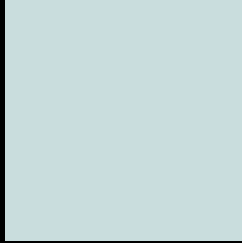
Large Text (above 18pt) WCAG AA × Fail

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 201, 211, 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

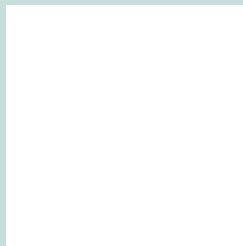
Any Text WCAG AAA ✓ Pass

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

RYB 201, 211, 221 Background



This preview shows how black text looks on a background with the RYB color 201, 211, 221.



This preview shows how white text looks on a background with the RYB color 201, 211, 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](#).

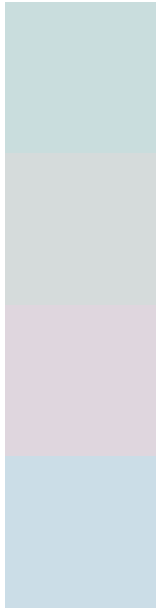
Dichromacy





Tritanopia
204, 214, 236

Trichromacy



Original Color

201, 211, 221

Protanomaly

213, 216, 219

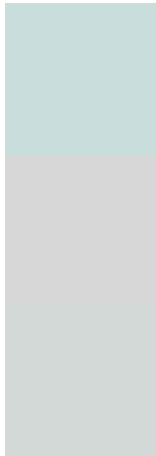
Deuteranomaly

223, 214, 222

Tritanomaly

203, 214, 231

Monochromacy



Original Color

201, 211, 221

Achromatopsia

215, 215, 215

Achromatomaly

210, 214, 217

CSS Examples

Text

The CSS property to change the color of the text to RYB 201, 211, 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(201, 221, 221)` looks like.

```
.text, #text, p{  
    color:rgb(201, 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(201, 221, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 221, 221) }
```

Border

The CSS property to change the border of an element to RYB 201, 211, 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(201, 221, 221) }
```

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

```
.border{ border-color:rgb(201, 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(201, 221, 221) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 221, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 221, 221);  
box-shadow:4px 4px 4px 4px rgb(201, 221,  
221) }
```

Background

The CSS property to change the background color of an element to RYB 201, 211, 221 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 221, 221) }
```

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

```
.background{ background-color: rgb(201,  
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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