

Converting Colors

RYB(203, 221, 215)

Have a look what the booklet for
RYB(203, 221, 215) contains.

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Color

R_YB(203, 221, 215)

Conversions

Conversions Part 1

Format	Color
Hex	D1DDCB
RGB	209, 221, 203
RGB Percent	82%, 87%, 80%
CMY	0.1804, 0.1333, 0.2039
CMYK	0.05, 0.00, 0.08, 0.13
HSL	100°, 21%, 83%
HSV	100°, 8%, 87%
XYZ	62.9304, 69.5800, 66.6134
YIQ	215.3600, -1.3740, -8.1420

Conversions

Conversions Part 2

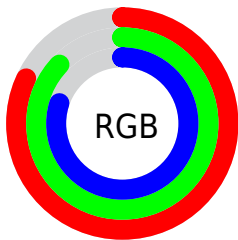
Format	Color
RYB	203, 221, 215
Decimal	13753803
CIELab	86.79, -7.27, 7.44
CIELCh	87, 10.404, 134.343
Yxy	69.5800, 0.3160, 0.3494
Android (android.graphics.Color)	4291943883 (0xFFD1DDCB)
YUV	215.3600, -6.0935, -5.5777
Hunter-Lab	83.4146, -11.3100, 11.0423

Details

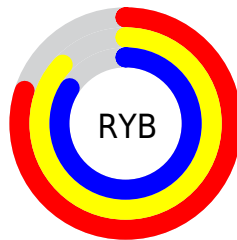
The RYB color **203, 221, 215** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **215, 203, 221**, and the grayscale version is **215, 215, 215**.

A 20% lighter version of the original color is **255, 255, 255**, and **149, 166, 160** is the 20% darker color. If you saturate the color by 10%, you get **181, 221, 208**, and if you desaturate by 10%, it is **224, 221, 225**.

Distribution



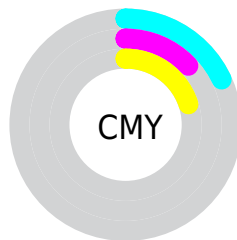
- Red (82%)
- Green (87%)
- Blue (80%)



- Red (80%)
- Yellow (87%)
- Blue (84%)



- Cyan (5%)
- Magenta (0%)
- Yellow (8%)
- Black (13%)



- Cyan (18%)
- Magenta (13%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the RYB color 203, 221, 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 203, 221, 215 by changing the saturation by 10% instead.

■ 203, 221, 215

255, 255, 255

■ 203, 221, 215

■ 176, 193, 188

■ 149, 166, 160

■ 123, 140, 134

■ 98, 114, 109

■ 74, 90, 85

■ 52, 66, 62

■ 31, 44, 40

■ 6, 24, 16

■ 0, 0, 0

 203, 221, 215

 203, 221, 215

 181, 221, 208

 224, 221, 225

 159, 221, 200

 238, 221, 247

 137, 221, 193

 253, 221, 255

 115, 221, 186

 255, 221, 255

 93, 221, 179

 70, 221, 170

 48, 221, 163

 26, 221, 156

 4, 221, 149

Harmonies

Analogous

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



201, 221, 198



203, 221, 215



199, 215, 223

Triad

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



203, 221, 215



202, 214, 236



239, 211, 213

Complementary

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



203, 221, 215



215, 203, 221

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.



234, 211, 223



203, 221, 215



213, 216, 236

Square

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



203, 221, 215



194, 210, 231



225, 213, 231



237, 215, 204

Rectangle

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



203, 221, 215



195, 210, 223



225, 213, 231



238, 211, 216

Sweetspot

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



203, 221, 215



250, 255, 253



212, 221, 203



125, 128, 127



0, 0, 0



128, 128, 128

Same Dimension

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



203, 221, 215



230, 255, 247



203, 218, 221



99, 110, 107



0, 173, 115



0, 46, 31

Inverse Universe

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



215, 203, 221



247, 230, 255



221, 203, 218



106, 99, 110



116, 0, 173



31, 0, 46

Previews

White Background



This preview shows how the RYB color 203, 221, 215 looks on a white background.

Color Contrast Check

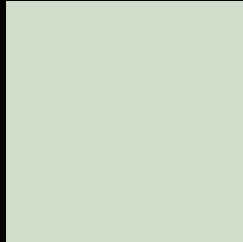
Large Text (above 18pt) WCAG AA × Fail

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 203, 221, 215 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

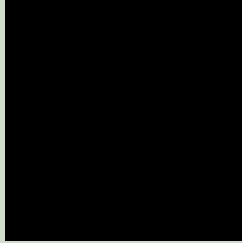
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

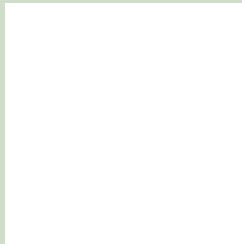
Any Text WCAG AAA ✓ Pass

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

RYB 203, 221, 215 Background



This preview shows how black text looks on a background with the RYB color 203, 221, 215.

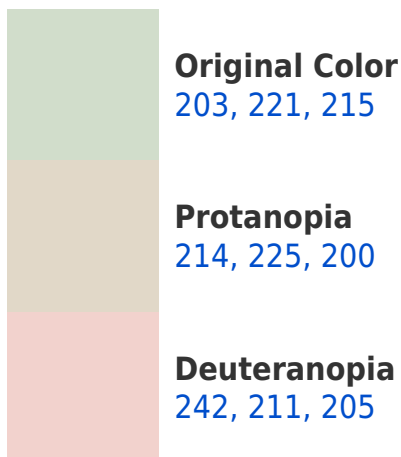


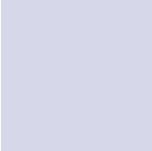
This preview shows how white text looks on a background with the RYB color 203, 221, 215.

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](#).

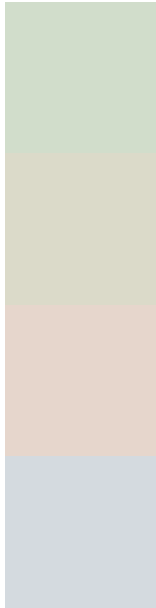
Dichromacy





Tritanopia
214, 216, 234

Trichromacy



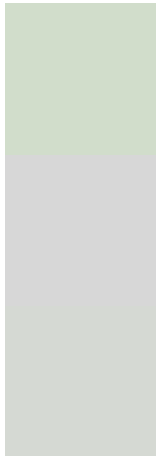
Original Color
203, 221, 215

Protanomaly
202, 219, 201

Deuteranomaly
230, 220, 204

Tritanomaly
212, 216, 223

Monochromacy



Original Color
203, 221, 215

Achromatopsia
215, 215, 215

Achromatomaly
211, 217, 215

CSS Examples

Text

The CSS property to change the color of the text to RYB 203, 221, 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(209, 221, 203) looks like.

```
.text, #text, p{  
    color:rgb(209, 221, 203)  
}
```

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(209, 221, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 221, 203) }
```

Border

The CSS property to change the border of an element to RYB 203, 221, 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(209, 221, 203) }
```

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

```
.border{ border-color:rgb(209, 221, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 221, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 221, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 221, 203);  
box-shadow:4px 4px 4px 4px rgb(209, 221,  
203) }
```

Background

The CSS property to change the background color of an element to RGB 203, 221, 215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 221, 203) }
```

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

```
.background{ background-color: rgb(209,  
221, 203) }
```

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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