

Converting Colors

RYB(203, 205, 215)

Have a look what the booklet for
RYB(203, 205, 215) contains.

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Color

R_YB(203, 205, 215)

Conversions

Conversions Part 1

Format	Color
Hex	CBCDD7
RGB	203, 205, 215
RGB Percent	80%, 80%, 84%
CMY	0.2039, 0.1945, 0.1569
CMYK	0.06, 0.04, 0.00, 0.16
HSL	228°, 13%, 82%
HSV	228°, 6%, 84%
XYZ	58.8215, 61.4571, 73.0522
YIQ	205.5420, -4.4020, 2.6860

Conversions

Conversions Part 2

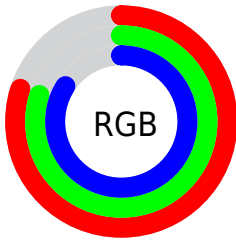
Format	Color
R _Y B	203, 205, 215
Decimal	13356503
CIE Lab	82.62, 0.99, -5.05
CIE LCh	83, 5.142, 281.082
Yxy	61.4571, 0.3043, 0.3179
Android (android.graphics.Color)	4291546583 (0xFFCBCDD7)
YUV	205.5420, 4.6628, -2.2293
Hunter-Lab	78.3946, -3.2573, -0.3733

Details

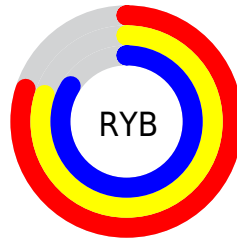
The RYB color **203, 205, 215** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **205, 215, 203**, and the grayscale version is **206, 206, 206**.

A 20% lighter version of the original color is **255, 255, 255**, and **149, 151, 160** is the 20% darker color. If you saturate the color by 10%, you get **182, 187, 215**, and if you desaturate by 10%, it is **218, 225, 215**.

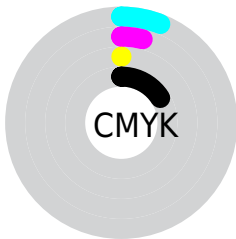
Distribution



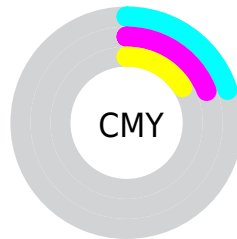
- Red (80%)
- Green (80%)
- Blue (84%)



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



- Cyan (6%)
- Magenta (4%)
- Yellow (0%)
- Black (16%)



- Cyan (20%)
- Magenta (19%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the RYB color 203, 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 203, 205, 215 by changing the saturation by 10% instead.

■ 203, 205, 215

255, 255, 255

■ 203, 205, 215

■ 176, 178, 187

■ 149, 151, 160

■ 123, 125, 134

■ 98, 100, 109

■ 74, 76, 85

■ 52, 54, 61


■ 31, 33, 40

■ 6, 8, 19


■ 0, 0, 0

 203, 205, 215

 203, 205, 215

 182, 187, 215

 218, 225, 215


 160, 169, 215

 222, 246, 215

 139, 152, 215


 215, 255, 215

 117, 134, 215

 95, 115, 215

 74, 97, 215

 52, 79, 215

 31, 62, 215

 9, 44, 215

Harmonies

Analogous

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



198, 204, 215



203, 205, 215



209, 204, 213

Triad

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



203, 205, 215



216, 204, 199



197, 205, 208

Complementary

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



203, 205, 215



205, 215, 203

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.



198, 207, 203



203, 205, 215



213, 209, 197

Square

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



203, 205, 215



216, 202, 204



198, 208, 196



194, 202, 209

Rectangle

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



203, 205, 215



212, 203, 210



198, 208, 196



199, 206, 208

Sweetspot

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



203, 205, 215



250, 251, 255



203, 210, 215



125, 125, 128



0, 0, 0



128, 128, 128

Same Dimension

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



203, 205, 215



237, 240, 255



206, 203, 215



99, 100, 107



0, 28, 171



0, 7, 43

Inverse Universe

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



215, 203, 205



255, 237, 241



203, 215, 206



107, 99, 100



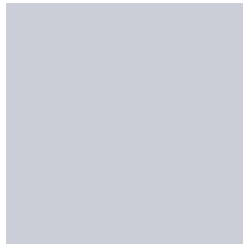
171, 0, 34



43, 0, 9

Previews

White Background



This preview shows how the RYB color 203, 205, 215 looks on a white background.

Color Contrast Check

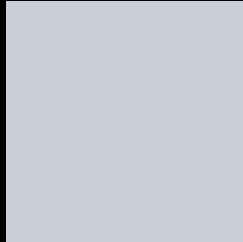
Large Text (above 18pt) WCAG AA × Fail

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 203, 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

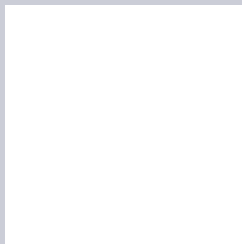
Any Text WCAG AAA ✓ Pass

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

RYB 203, 205, 215 Background



This preview shows how black text looks on a background with the RYB color 203, 205, 215.

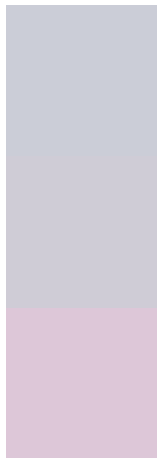


This preview shows how white text looks on a background with the RYB color 203, 205, 215.

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



Original Color
203, 205, 215

Protanopia
207, 204, 214

Deuteranopia
221, 199, 216



Tritanopia
204, 204, 221

Trichromacy



Original Color

203, 205, 215

Protanomaly

206, 205, 214

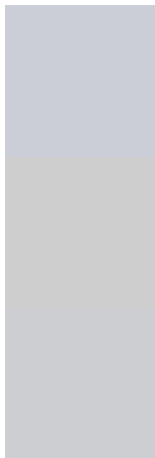
Deuteranomaly

214, 201, 216

Tritanomaly

204, 205, 219

Monochromacy



Original Color

203, 205, 215

Achromatopsia

206, 206, 206

Achromatomaly

205, 206, 209

CSS Examples

Text

The CSS property to change the color of the text to RYB 203, 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(203, 205, 215) looks like.

```
.text, #text, p{  
    color:rgb(203, 205, 215)  
}
```

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(203, 205, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 205, 215) }
```

Border

The CSS property to change the border of an element to RYB 203, 205, 215 is called "border". The border property can be set on classes, ids or directly on the HTML element.

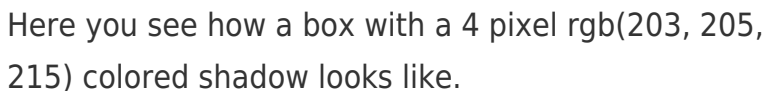
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(203, 205, 215) }
```

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

```
.border{ border-color:rgb(203, 205, 215) }
```

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



Here you see how a box with a 4 pixel `rgb(203, 205, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 205, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 205, 215);  
box-shadow:4px 4px 4px 4px rgb(203, 205,  
215) }
```

Background

The CSS property to change the background color of an element to RGB 203, 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(203, 205, 215) }
```

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

```
.background{ background-color: rgb(203,  
205, 215) }
```

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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