

Converting Colors

`RYB(200, 213, 209)`

Have a look what the booklet for
RYB(200, 213, 209) contains.

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Color

R_YB(200, 213, 209)

Conversions

Conversions Part 1

Format	Color
Hex	CCD5C8
RGB	204, 213, 200
RGB Percent	80%, 84%, 78%
CMY	0.2000, 0.1647, 0.2157
CMYK	0.04, 0.00, 0.06, 0.16
HSL	102°, 13%, 81%
HSV	102°, 6%, 84%
XYZ	59.1214, 64.5960, 63.9958
YIQ	208.8270, -1.1910, -5.9510

Conversions

Conversions Part 2

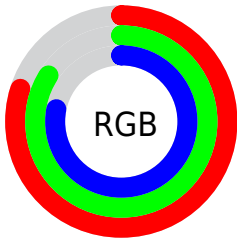
Format	Color
R _Y B	200, 213, 209
Decimal	13424072
CIE Lab	84.28, -5.41, 5.36
CIE LCh	84, 7.611, 135.258
Yxy	64.5960, 0.3150, 0.3441
Android (android.graphics.Color)	4291614152 (0xFFCCD5C8)
YUV	208.8270, -4.3517, -4.2333
Hunter-Lab	80.3716, -9.3457, 9.0506

Details

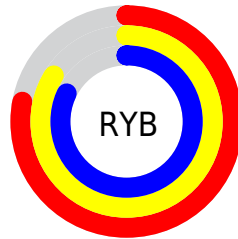
The RYB color **200, 213, 209** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **209, 200, 213**, and the grayscale version is **209, 209, 209**.

A 20% lighter version of the original color is 255, 255, 255, and **146, 158, 154** is the 20% darker color. If you saturate the color by 10%, you get **179, 213, 203**, and if you desaturate by 10%, it is **219, 213, 221**.

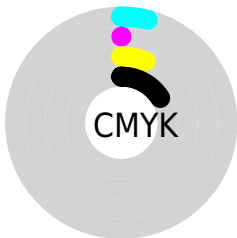
Distribution



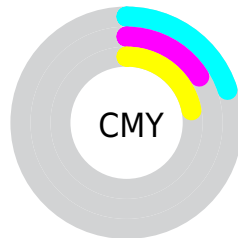
- Red (80%)
- Green (84%)
- Blue (78%)



- Red (78%)
- Yellow (84%)
- Blue (82%)



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



- Cyan (20%)
- Magenta (16%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the RYB color 200, 213, 209 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 200, 213, 209 by changing the saturation by 10% instead.

■ 200, 213, 209

255, 255, 255

■ 200, 213, 209

■ 173, 185, 181

■ 146, 158, 154

■ 120, 132, 128

■ 96, 107, 104

■ 72, 83, 80

■ 50, 60, 57

■ 29, 38, 36

■ 2, 18, 12

■ 0, 0, 0

 200, 213, 209

 200, 213, 209

 179, 213, 203

 219, 213, 221

 157, 213, 195

 233, 213, 243

 136, 213, 189

 248, 213, 255

 115, 213, 183

 255, 213, 255

 94, 213, 177

 72, 213, 169

 51, 213, 163

 30, 213, 157

 8, 213, 150

Harmonies

Analogous

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



197, 212, 196



200, 213, 209



197, 208, 214

Triad

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



200, 213, 209



199, 208, 224



226, 206, 207

Complementary

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



200, 213, 209



209, 200, 213

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.



223, 206, 214



200, 213, 209



207, 210, 224

Square

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



200, 213, 209



194, 205, 220



216, 207, 220



225, 210, 200

Rectangle

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



200, 213, 209



194, 206, 215



216, 207, 220



225, 205, 209

Sweetspot

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



200, 213, 209



250, 255, 254



206, 213, 200



125, 128, 127



0, 0, 0



128, 128, 128

Same Dimension

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



200, 213, 209



237, 255, 249



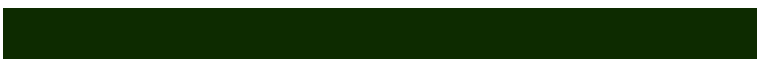
200, 211, 213



99, 107, 105



0, 171, 118



0, 43, 30

Inverse Universe

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



209, 200, 213



250, 237, 255



213, 200, 211



104, 99, 107



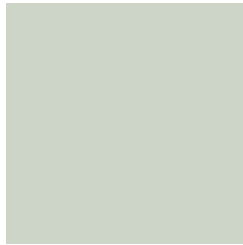
118, 0, 171



30, 0, 43

Previews

White Background



This preview shows how the RYB color 200, 213, 209 looks on a white background.

Color Contrast Check

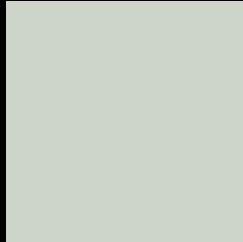
Large Text (above 18pt) WCAG AA × Fail

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 200, 213, 209 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

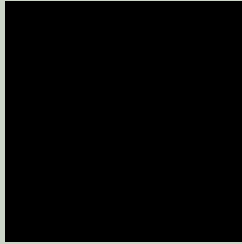
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

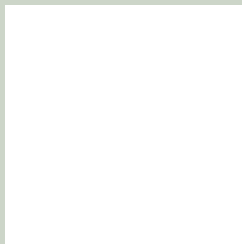
Any Text WCAG AAA ✓ Pass

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

RYB 200, 213, 209 Background



This preview shows how black text looks on a background with the RYB color 200, 213, 209.



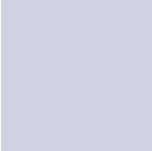
This preview shows how white text looks on a background with the RYB color 200, 213, 209.

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, 209, 226

Trichromacy



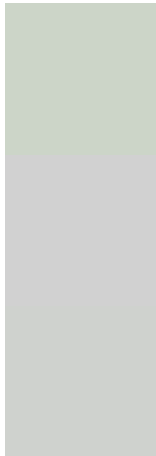
Original Color
200, 213, 209

Protanomaly
201, 212, 199

Deuteranomaly
222, 209, 201

Tritanomaly
207, 209, 217

Monochromacy



Original Color
200, 213, 209

Achromatopsia
209, 209, 209

Achromatomaly
206, 210, 209

CSS Examples

Text

The CSS property to change the color of the text to RYB 200, 213, 209 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(204, 213, 200) looks like.

```
.text, #text, p{  
    color:rgb(204, 213, 200)  
}
```

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(204, 213, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 213, 200) }
```

Border

The CSS property to change the border of an element to RYB 200, 213, 209 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(204, 213, 200) }
```

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

```
.border{ border-color:rgb(204, 213, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 213, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 213, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 213, 200);  
box-shadow:4px 4px 4px 4px rgb(204, 213,  
200) }
```

Background

The CSS property to change the background color of an element to RYB 200, 213, 209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 213, 200) }
```

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

```
.background{ background-color: rgb(204,  
213, 200) }
```

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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