

Converting Colors

RYB(203, 213, 214)

Have a look what the booklet for
RYB(203, 213, 214) contains.

RYB(203, 213, 214)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RYB(203, 213, 214)

Conversions

Conversions Part 1

Format	Color
Hex	CBD6CC
RGB	203, 214, 204
RGB Percent	80%, 84%, 80%
CMY	0.2039, 0.1608, 0.1996
CMYK	0.05, 0.00, 0.05, 0.16
HSL	126°, 12%, 82%
HSV	126°, 5%, 84%
XYZ	59.5863, 65.1541, 66.6251
YIQ	209.5710, -3.3460, -5.4420

Conversions

Conversions Part 2

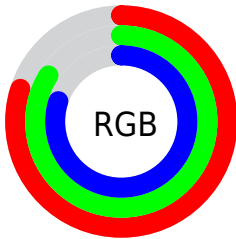
Format	Color
RYB	203, 213, 214
Decimal	13358796
CIELab	84.56, -5.53, 3.59
CIElCh	85, 6.595, 147.013
Yxy	65.1541, 0.3114, 0.3405
Android (android.graphics.Color)	4291548876 (0xFFCBD6CC)
YUV	209.5710, -2.7465, -5.7628
Hunter-Lab	80.7181, -9.4876, 7.5644

Details

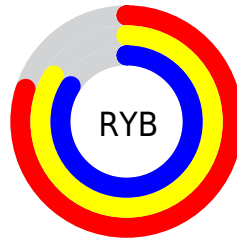
The RYB color **203, 213, 214** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **214, 203, 213**, and the grayscale version is **210, 210, 210**.

A 20% lighter version of the original color is **255, 255, 255**, and **149, 158, 159** is the 20% darker color. If you saturate the color by 10%, you get **182, 211, 214**, and if you desaturate by 10%, it is **224, 214, 223**.

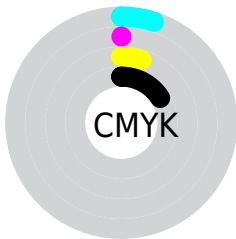
Distribution



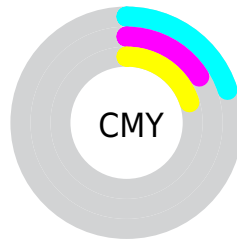
- Red (80%)
- Green (84%)
- Blue (80%)



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



- Cyan (5%)
- Magenta (0%)
- Yellow (5%)
- Black (16%)



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

Brightness & Saturation Gradients

These gradients show how the RYB color 203, 213, 214 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, 213, 214 by changing the saturation by 10% instead.

■ 203, 213, 214

255, 255, 255

■ 203, 213, 214

■ 176, 185, 186

■ 149, 158, 159

■ 123, 132, 133

■ 98, 107, 108

■ 74, 83, 84

■ 52, 60, 61

■ 31, 38, 39

■ 6, 16, 18

■ 0, 0, 0

 203, 213, 214

 203, 213, 214

 182, 211, 214

 224, 214, 223

 160, 209, 214

 246, 214, 243


 139, 208, 214


 255, 214, 255


 117, 205, 214

 96, 203, 214

 75, 201, 214

 53, 199, 214

 32, 198, 214

 10, 195, 214

Harmonies

Analogous

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



200, 212, 202



203, 213, 214



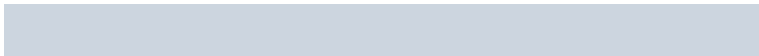
198, 208, 215

Triad

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



203, 213, 214



204, 210, 223



225, 207, 206

Complementary

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



203, 213, 214



214, 203, 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.



224, 207, 212



203, 213, 214



212, 210, 222

Square

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



203, 213, 214



198, 207, 221



219, 208, 218



223, 211, 201

Rectangle

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



203, 213, 214



196, 206, 215



219, 208, 218



225, 207, 208

Sweetspot

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



203, 213, 214



250, 255, 255



203, 214, 204



125, 128, 128



0, 0, 0



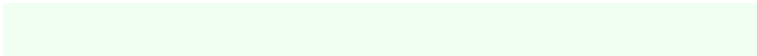
128, 128, 128

Same Dimension

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



203, 213, 214



240, 254, 255



203, 210, 214



100, 107, 107



0, 156, 171



0, 39, 43

Inverse Universe

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



214, 203, 213



255, 240, 253



214, 203, 207



107, 100, 106



171, 0, 154



43, 0, 39

Previews

White Background



This preview shows how the RYB color 203, 213, 214 looks on a white background.

Color Contrast Check

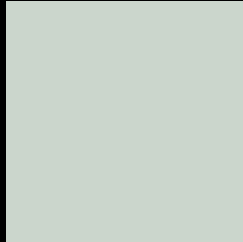
Large Text (above 18pt) WCAG AA × Fail

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, 213, 214 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

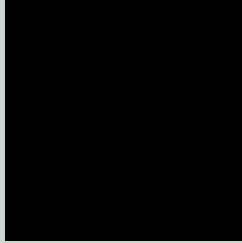
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

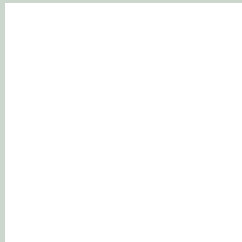
Any Text WCAG AAA ✓ Pass

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

R Y B 203, 213, 214 Background



This preview shows how black text looks on a background with the R Y B color 203, 213, 214.



This preview shows how white text looks on a background with the R Y B color 203, 213, 214.

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
207, 210, 227

Trichromacy



Original Color

203, 213, 214

Protanomaly

204, 212, 203

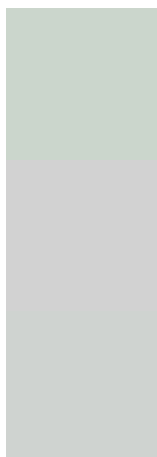
Deuteranomaly

222, 209, 205

Tritanomaly

206, 210, 219

Monochromacy



Original Color

203, 213, 214

Achromatopsia

210, 210, 210

Achromatomaly

207, 210, 211

CSS Examples

Text

The CSS property to change the color of the text to RYB 203, 213, 214 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, 214, 204) looks like.

```
.text, #text, p{  
    color:rgb(203, 214, 204)  
}
```

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, 214, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 214, 204) }
```

Border

The CSS property to change the border of an element to RYB 203, 213, 214 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, 214, 204) }
```

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

```
.border{ border-color:rgb(203, 214, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 214, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 214, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 214, 204);  
box-shadow:4px 4px 4px 4px rgb(203, 214,  
204) }
```

Background

The CSS property to change the background color of an element to RGB 203, 214, 214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 214, 204) }
```

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

```
.background{ background-color: rgb(203,  
214, 204) }
```

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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