

Converting Colors

RYB(201, 212, 213)

Have a look what the booklet for
RYB(201, 212, 213) contains.

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Color

RVB(201, 212, 213)

Conversions

Conversions Part 1

Format	Color
Hex	C9D5CA
RGB	201, 213, 202
RGB Percent	79%, 84%, 79%
CMY	0.2118, 0.1647, 0.2075
CMYK	0.06, 0.00, 0.05, 0.16
HSL	125°, 13%, 81%
HSV	125°, 6%, 84%
XYZ	58.5531, 64.2746, 65.2537
YIQ	208.1580, -3.6210, -5.9650

Conversions

Conversions Part 2

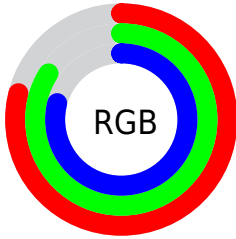
Format	Color
R _Y B	201, 212, 213
Decimal	13227466
CIE Lab	84.11, -6.06, 3.98
CIE LCh	84, 7.250, 146.706
Yxy	64.2746, 0.3113, 0.3417
Android (android.graphics.Color)	4291417546 (0xFFC9D5CA)
YUV	208.1580, -3.0359, -6.2776
Hunter-Lab	80.1714, -9.9328, 7.8622

Details

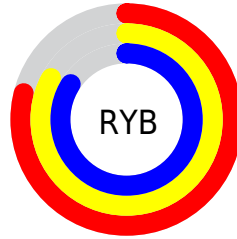
The RYB color **201, 212, 213** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **213, 201, 212**, and the grayscale version is **208, 208, 208**.

A 20% lighter version of the original color is 255, 255, 255, and **147, 157, 158** is the 20% darker color. If you saturate the color by 10%, you get **180, 210, 213**, and if you desaturate by 10%, it is **222, 213, 221**.

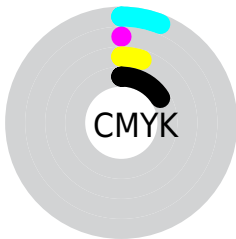
Distribution



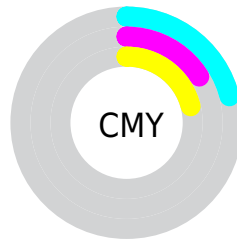
- Red (79%)
- Green (84%)
- Blue (79%)



- Red (79%)
- Yellow (83%)
- Blue (84%)



- Cyan (6%)
- Magenta (0%)
- Yellow (5%)
- Black (16%)



- Cyan (21%)
- Magenta (16%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the RYB color 201, 212, 213 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, 212, 213 by changing the saturation by 10% instead.

■ 201, 212, 213

255, 255, 255

■ 201, 212, 213

■ 174, 184, 185

■ 147, 157, 158

■ 121, 131, 132

■ 96, 105, 107

■ 73, 82, 83

■ 50, 59, 60

■ 29, 37, 38

■ 4, 17, 18

■ 0, 0, 0

 201, 212, 213

 201, 212, 213

 180, 210, 213

 222, 213, 221

 158, 208, 213

 244, 213, 241


 137, 207, 213


 255, 213, 255

 116, 205, 213

 94, 203, 213

 73, 201, 213

 52, 199, 213

 31, 198, 213

 9, 196, 213

Harmonies

Analogous

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



198, 211, 200



201, 212, 213



195, 206, 214

Triad

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



201, 212, 213



202, 208, 223



225, 206, 204

Complementary

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



201, 212, 213



213, 201, 212

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, 205, 211



201, 212, 213



210, 208, 222

Square

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



201, 212, 213



196, 206, 221



218, 206, 217



222, 211, 199

Rectangle

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



201, 212, 213



193, 204, 214



218, 206, 217



225, 205, 206

Sweetspot

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



201, 212, 213



250, 255, 255



201, 213, 202



125, 128, 128



0, 0, 0



128, 128, 128

Same Dimension

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



201, 212, 213



237, 253, 255



201, 209, 213



99, 107, 107



0, 156, 171



0, 39, 43

Inverse Universe

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



213, 201, 212



255, 237, 253



213, 201, 206



107, 99, 106



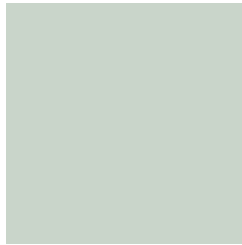
171, 0, 155



43, 0, 39

Previews

White Background



This preview shows how the RYB color 201, 212, 213 looks on a white background.

Color Contrast Check

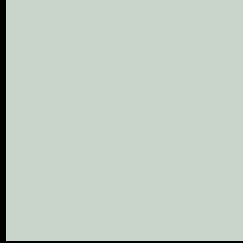
Large Text (above 18pt) WCAG AA × Fail

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, 212, 213 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

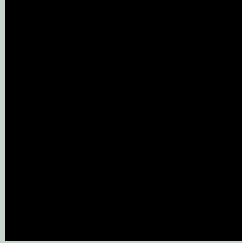
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

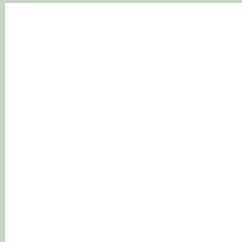
Any Text WCAG AAA ✓ Pass

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

RYB 201, 212, 213 Background



This preview shows how black text looks on a background with the RYB color 201, 212, 213.



This preview shows how white text looks on a background with the RYB color 201, 212, 213.

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
205, 208, 226

Trichromacy



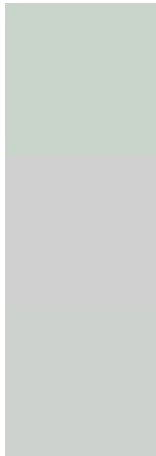
Original Color
201, 212, 213

Protanomaly
202, 211, 201

Deuteranomaly
221, 208, 203

Tritanomaly
204, 208, 217

Monochromacy



Original Color
201, 212, 213

Achromatopsia
208, 208, 208

Achromatomaly
205, 209, 210

CSS Examples

Text

The CSS property to change the color of the text to RYB 201, 212, 213 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, 213, 202) looks like.

```
.text, #text, p{  
    color:rgb(201, 213, 202)  
}
```

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, 213, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 213, 202) }
```

Border

The CSS property to change the border of an element to RYB 201, 212, 213 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, 213, 202) }
```

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

```
.border{ border-color:rgb(201, 213, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 213, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 213, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 213, 202);  
box-shadow:4px 4px 4px 4px rgb(201, 213,  
202) }
```

Background

The CSS property to change the background color of an element to RYB 201, 212, 213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 213, 202) }
```

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

```
.background{ background-color: rgb(201,  
213, 202) }
```

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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