

Converting Colors

`RYB(201, 218, 217)`

Have a look what the booklet for
RYB(201, 218, 217) contains.

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Color

R_YB(201, 218, 217)

Conversions

Conversions Part 1

Format	Color
Hex	CADAC9
RGB	202, 218, 201
RGB Percent	79%, 85%, 79%
CMY	0.2078, 0.1451, 0.2118
CMYK	0.07, 0.00, 0.08, 0.15
HSL	116°, 19%, 82%
HSV	116°, 8%, 85%
XYZ	59.9711, 66.9164, 65.0137
YIQ	211.2780, -4.0790, -8.6790

Conversions

Conversions Part 2

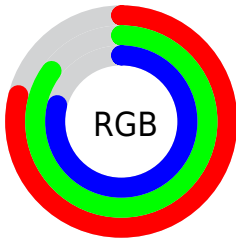
Format	Color
RYB	201, 218, 217
Decimal	13294281
CIELab	85.46, -8.49, 6.52
CIELCh	85, 10.701, 142.463
Yxy	66.9164, 0.3125, 0.3487
Android (android.graphics.Color)	4291484361 (0xFFCADAC9)
YUV	211.2780, -5.0671, -8.1368
Hunter-Lab	81.8025, -12.2921, 10.1401

Details

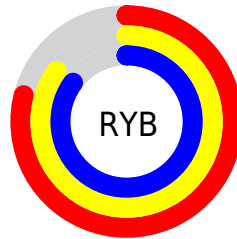
The RYB color **201, 218, 217** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **217, 201, 218**, and the grayscale version is **211, 211, 211**.

A 20% lighter version of the original color is 255, 255, 255, and **147, 163, 162** is the 20% darker color. If you saturate the color by 10%, you get **179, 218, 216**, and if you desaturate by 10%, it is **223, 218, 223**.

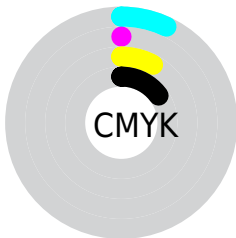
Distribution



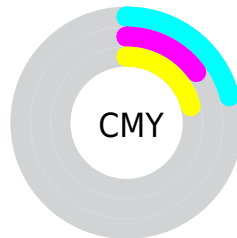
- Red (79%)
- Green (85%)
- Blue (79%)



- Red (79%)
- Yellow (85%)
- Blue (85%)



- Cyan (7%)
- Magenta (0%)
- Yellow (8%)
- Black (15%)



- Cyan (21%)
- Magenta (15%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the RYB color 201, 218, 217 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, 218, 217 by changing the saturation by 10% instead.

■ 201, 218, 217

255, 255, 255

■ 201, 218, 217

■ 174, 190, 189

■ 147, 163, 162

■ 121, 137, 136

■ 97, 111, 111

■ 73, 87, 87

■ 50, 64, 63

■ 29, 42, 42

■ 4, 22, 21

■ 0, 0, 0

 201, 218, 217

 201, 218, 217

 179, 218, 216

 223, 218, 223

 157, 218, 214

 243, 218, 245

 136, 218, 214

 255, 218, 255

 114, 218, 212

 92, 218, 211

 70, 218, 209

 48, 218, 208

 27, 218, 207

 5, 218, 206

Harmonies

Analogous

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



195, 215, 196



201, 218, 217



193, 209, 220

Triad

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



201, 218, 217



200, 210, 233



236, 207, 206

Complementary

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



201, 218, 217



217, 201, 218

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.



233, 207, 217



201, 218, 217



213, 212, 232

Square

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



201, 218, 217



191, 207, 229



225, 209, 226



233, 214, 198

Rectangle

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



201, 218, 217



189, 205, 220



225, 209, 226



235, 207, 210

Sweetspot

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



201, 218, 217



250, 255, 255



202, 218, 201



125, 128, 128



0, 0, 0



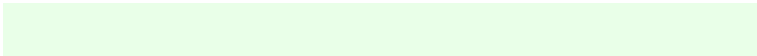
128, 128, 128

Same Dimension

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



201, 218, 217



232, 255, 254



201, 213, 218



99, 110, 110



0, 173, 163



0, 46, 43

Inverse Universe

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



217, 201, 218



254, 232, 255



218, 201, 211



109, 99, 110



163, 0, 173



43, 0, 46

Previews

White Background



This preview shows how the RYB color 201, 218, 217 looks on a white background.

Color Contrast Check

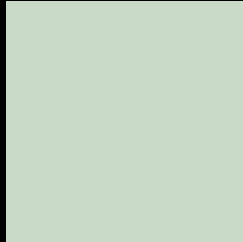
Large Text (above 18pt) WCAG AA × Fail

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, 218, 217 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

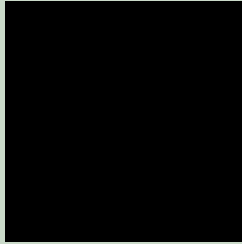
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

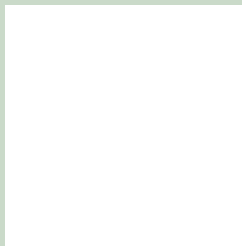
Any Text WCAG AAA ✓ Pass

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

RYB 201, 218, 217 Background



This preview shows how black text looks on a background with the RYB color 201, 218, 217.



This preview shows how white text looks on a background with the RYB color 201, 218, 217.

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, 212, 231

Trichromacy



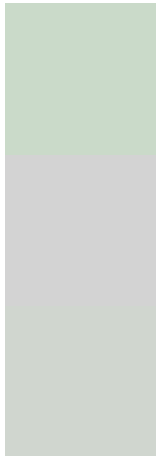
Original Color
201, 218, 217

Protanomaly
199, 215, 200

Deuteranomaly
225, 214, 202

Tritanomaly
205, 211, 220

Monochromacy



Original Color
201, 218, 217

Achromatopsia
211, 211, 211

Achromatomaly
207, 214, 213

CSS Examples

Text

The CSS property to change the color of the text to RYB 201, 218, 217 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(202, 218, 201) looks like.

```
.text, #text, p{  
    color:rgb(202, 218, 201)  
}
```

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(202, 218, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 218, 201) }
```

Border

The CSS property to change the border of an element to RYB 201, 218, 217 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(202, 218, 201) }
```

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

```
.border{ border-color:rgb(202, 218, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 218, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 218, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 218, 201);  
box-shadow:4px 4px 4px 4px rgb(202, 218,  
201) }
```

Background

The CSS property to change the background color of an element to RGB 201, 218, 217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 218, 201) }
```

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

```
.background{ background-color: rgb(202,  
218, 201) }
```

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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