

Converting Colors

`RYB(201, 196, 205)`

Have a look what the booklet for
RYB(201, 196, 205) contains.

RYB(201, 196, 205)	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

R_YB(201, 196, 205)

Conversions

Conversions Part 1

Format	Color
Hex	C9C4CD
RGB	201, 196, 205
RGB Percent	79%, 77%, 80%
CMY	0.2118, 0.2314, 0.1961
CMYK	0.02, 0.04, 0.00, 0.20
HSL	273°, 8%, 79%
HSV	273°, 4%, 80%
XYZ	54.8468, 56.3051, 65.7349
YIQ	198.5210, 0.0910, 3.8590

Conversions

Conversions Part 2

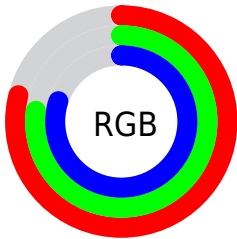
Format	Color
R_{YB}	201, 196, 205
Decimal	13223117
CIE _{Lab}	79.79, 3.39, -3.88
CIE _{LCh}	80, 5.158, 311.142
Yxy	56.3051, 0.3101, 0.3183
Android (android.graphics.Color)	4291413197 (0xFFC9C4CD)
YUV	198.5210, 3.1941, 2.1741
Hunter-Lab	75.0368, -0.8429, 0.5856

Details

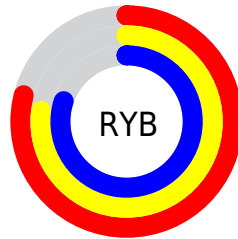
The RYB color **201, 196, 205** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **196, 205, 201**, and the grayscale version is **198, 198, 198**.

A 20% lighter version of the original color is **255, 253, 255**, and **147, 142, 151** is the 20% darker color. If you saturate the color by 10%, you get **192, 176, 205**, and if you desaturate by 10%, it is **205, 217, 212**.

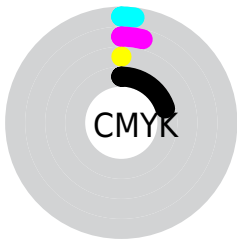
Distribution



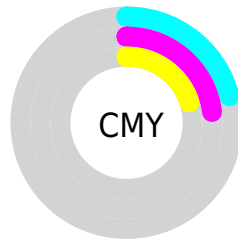
- Red (79%)
- Green (77%)
- Blue (80%)



- Red (79%)
- Yellow (77%)
- Blue (80%)



- Cyan (2%)
- Magenta (4%)
- Yellow (0%)
- Black (20%)



- Cyan (21%)
- Magenta (23%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the RYB color 201, 196, 205 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, 196, 205 by changing the saturation by 10% instead.

■ 201, 196, 205

255, 255, 255

■ 255, 253, 255

■ 201, 196, 205

■ 174, 169, 178

■ 147, 142, 151

■ 121, 117, 125

■ 97, 92, 100


■ 73, 69, 76


■ 50, 46, 54


■ 29, 26, 32

■ 2, 0, 9


■ 0, 0, 0

 201, 196, 205


 201, 196, 205

 192, 176, 205


 205, 217, 212

 183, 155, 205


 205, 237, 223

 174, 134, 205


 205, 255, 232

 165, 114, 205

 205, 255, 223

 155, 94, 205

 205, 255, 213

 146, 73, 205

 205, 255, 205

 137, 53, 205

 128, 32, 205

 119, 12, 205

Harmonies

Analogous

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



195, 197, 207



201, 196, 205



206, 195, 201

Triad

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



201, 196, 205



205, 201, 189



187, 195, 201

Complementary

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



201, 196, 205



196, 205, 201

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.



189, 197, 200



201, 196, 205



190, 200, 188

Square

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



201, 196, 205



208, 196, 192



190, 199, 195



187, 194, 204

Rectangle

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



201, 196, 205



208, 195, 198



190, 199, 195



187, 195, 201

Sweetspot

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



201, 196, 205



254, 252, 255



196, 199, 205



127, 126, 128



0, 0, 0



128, 128, 128

Same Dimension

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



201, 196, 205



249, 242, 255



205, 196, 205



99, 96, 102



92, 0, 166



21, 0, 38

Inverse Universe

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



205, 196, 200



255, 242, 248



196, 205, 205



102, 96, 99



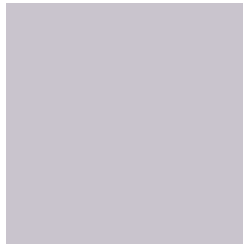
166, 0, 74



38, 0, 17

Previews

White Background



This preview shows how the RYB color 201, 196, 205 looks on a white background.

Color Contrast Check

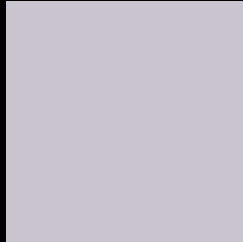
Large Text (above 18pt) WCAG AA × Fail

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, 196, 205 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

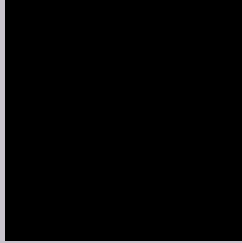
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

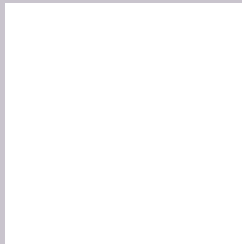
Any Text WCAG AAA ✓ Pass

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

RYB 201, 196, 205 Background



This preview shows how black text looks on a background with the RYB color 201, 196, 205.

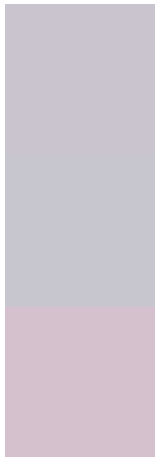


This preview shows how white text looks on a background with the RYB color 201, 196, 205.

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
201, 196, 205

Protanopia
199, 197, 205

Deuteranopia
213, 192, 206



Tritanopia
202, 195, 211

Trichromacy



Original Color

201, 196, 205

Protanomaly

200, 197, 205

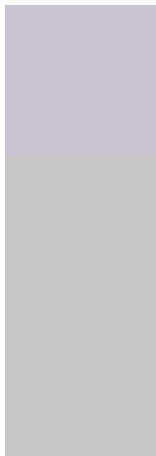
Deuteranomaly

209, 193, 206

Tritanomaly

202, 195, 209

Monochromacy



Original Color

201, 196, 205

Achromatopsia

199, 199, 199

Achromatomaly

200, 198, 201

CSS Examples

Text

The CSS property to change the color of the text to RYB 201, 196, 205 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, 196, 205) looks like.

```
.text, #text, p{  
    color:rgb(201, 196, 205)  
}
```

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, 196, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 196, 205) }
```

Border

The CSS property to change the border of an element to RYB 201, 196, 205 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, 196, 205) }
```

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

```
.border{ border-color:rgb(201, 196, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 196, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 196, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 196, 205);  
box-shadow:4px 4px 4px 4px rgb(201, 196,  
205) }
```

Background

The CSS property to change the background color of an element to RGB 201, 196, 205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 196, 205) }
```

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

```
.background{ background-color: rgb(201,  
196, 205) }
```

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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