

# Converting Colors

`RYB(201, 186, 199)`

Have a look what the booklet for RYB(201, 186, 199) contains.

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# **Color**

**R<sub>Y</sub>B(201, 186, 199)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C9BAC7
RGB	201, 186, 199
RGB Percent	79%, 73%, 78%
CMY	0.2118, 0.2706, 0.2196
CMYK	0.00, 0.07, 0.01, 0.21
HSL	308°, 12%, 76%
HSV	308°, 7%, 79%
XYZ	51.9551, 51.6588, 61.2657
YIQ	191.9670, 4.7670, 7.2230

# Conversions

## Conversions Part 2

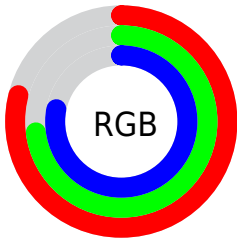
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	201, 186, 199
Decimal	13220551
CIE <sub>Lab</sub>	77.08, 7.63, -4.64
CIE <sub>LCh</sub>	77, 8.928, 328.711
Yxy	51.6588, 0.3151, 0.3133
Android (android.graphics.Color)	4291410631 (0xFFC9BAC7)
YUV	191.9670, 3.4673, 7.9219
Hunter-Lab	71.8741, 3.2514, -0.2271

# Details

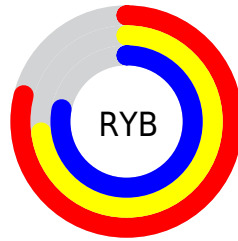
The RYB color **201, 186, 199** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **186, 199, 201**, and the grayscale version is **192, 192, 192**.

A 20% lighter version of the original color is **255, 242, 255**, and **147, 133, 145** is the 20% darker color. If you saturate the color by 10%, you get **201, 166, 196**, and if you desaturate by 10%, it is **201, 205, 206**.

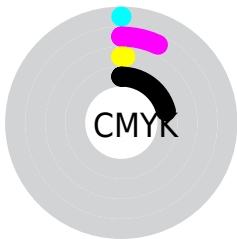
# Distribution



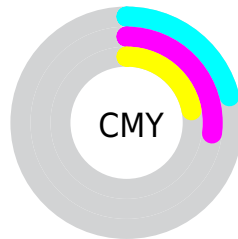
- Red (79%)
- Green (73%)
- Blue (78%)



- Red (79%)
- Yellow (73%)
- Blue (78%)



- Cyan (0%)
- Magenta (7%)
- Yellow (1%)
- Black (21%)




- Cyan (21%)
- Magenta (27%)
- Yellow (22%)


# Brightness & Saturation Gradients

These gradients show how the RYB color 201, 186, 199 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, 186, 199 by changing the saturation by 10% instead.



 201, 186, 199


 201, 186, 199

255, 255, 255

 174, 159, 172

 255, 242, 255

 147, 133, 145

 121, 108, 120


 96, 83, 95


 73, 60, 71


 50, 39, 49

 29, 18, 28


 0, 0, 0


 201, 186, 199


 201, 186, 199

 201, 166, 196


 201, 205, 206

 201, 146, 194


 201, 223, 226

 201, 126, 191


 201, 241, 246


 201, 106, 188


 201, 247, 255


 201, 86, 186


 201, 246, 255

 201, 65, 183


 201, 244, 255

 201, 45, 180

 201, 242, 255

 201, 25, 178

 201, 241, 255

 201, 5, 175

 201, 239, 255

# Harmonies

## Analogous

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



192, 188, 205



201, 186, 199



207, 185, 191

# Triad

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



201, 186, 199



186, 198, 174



170, 183, 198

# Complementary

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



201, 186, 199



186, 199, 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.



172, 185, 195



201, 186, 199



176, 192, 180

# Square

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



201, 186, 199



205, 194, 176



179, 192, 194



173, 186, 204

# Rectangle

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



201, 186, 199



208, 185, 185



179, 192, 194



170, 183, 195



# Sweetspot

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



201, 186, 199



255, 250, 254



188, 186, 201



128, 125, 127



0, 0, 0



128, 128, 128



# Same Dimension

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



201, 186, 199



255, 232, 252



201, 186, 192



99, 90, 98



163, 0, 141



36, 0, 31



# Inverse Universe

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



201, 186, 199



255, 232, 252



186, 195, 201



99, 90, 98



163, 0, 141

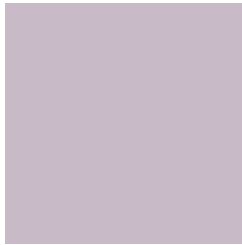


36, 0, 31



# Previews

## White Background



This preview shows how the RYB color 201, 186, 199 looks on a white background.

## Color Contrast Check

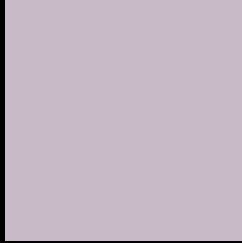
Large Text (above 18pt) WCAG AA × Fail

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, 186, 199 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

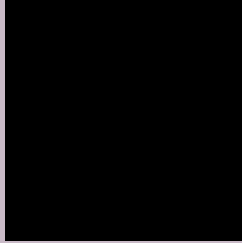
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

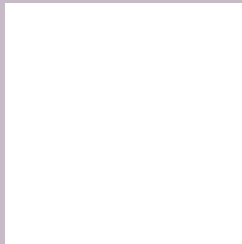
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## RYB 201, 186, 199 Background



This preview shows how black text looks on a background with the RYB color 201, 186, 199.



This preview shows how white text looks on a background with the RYB color 201, 186, 199.

# 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, 186, 199

**Protanopia**  
191, 189, 201

**Deuteranopia**  
205, 185, 199



**Tritanopia**  
201, 186, 200

# Trichromacy



**Original Color**

201, 186, 199

**Protanomaly**

195, 188, 200

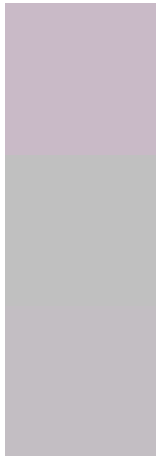
**Deuteranomaly**

204, 185, 199

**Tritanomaly**

201, 186, 200

# Monochromacy



**Original Color**

201, 186, 199

**Achromatopsia**

192, 192, 192

**Achromatomaly**

195, 190, 195

# CSS Examples

## Text

The CSS property to change the color of the text to RYB 201, 186, 199 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, 186, 199) looks like.

```
.text, #text, p{  
    color:rgb(201, 186, 199)  
}
```

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, 186, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 186, 199) }
```

## Border

The CSS property to change the border of an element to RYB 201, 186, 199 is called "border". The border property can be set on classes, ids or directly on the HTML element.

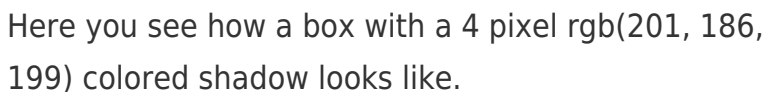
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(201, 186, 199) }
```

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

```
.border{ border-color:rgb(201, 186, 199) }
```

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



Here you see how a box with a 4 pixel `rgb(201, 186, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 186, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 186, 199);  
box-shadow:4px 4px 4px 4px rgb(201, 186,  
199) }
```

# Background

The CSS property to change the background color of an element to RYB 201, 186, 199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 186, 199) }
```

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

```
.background{ background-color: rgb(201,  
186, 199) }
```

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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