

# Converting Colors

RGB(200, 187, 208)

Have a look what the booklet for  
RGB(200, 187, 208) contains.

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# **Color**

**RGB(200, 187, 208)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C8BBD0
RGB	200, 187, 208
RGB Percent	78%, 73%, 82%
CMY	0.2157, 0.2667, 0.1843
CMYK	0.04, 0.10, 0.00, 0.18
HSL	277°, 18%, 77%
HSV	277°, 10%, 82%
XYZ	52.9749, 52.3741, 66.9916
YIQ	193.2810, 1.0070, 9.2870

# Conversions

## Conversions Part 2

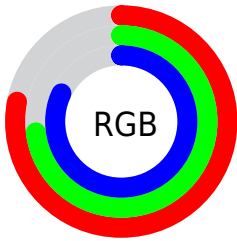
Format	Color
R <sub>Y</sub> B	200, 187, 208
Decimal	13155280
CIE Lab	77.50, 8.44, -8.89
CIE LCh	78, 12.262, 313.523
Yxy	52.3741, 0.3074, 0.3039
Android (android.graphics.Color)	4291345360 (0xFFC8BBD0)
YUV	193.2810, 7.2565, 5.8926
Hunter-Lab	72.3699, 4.0149, -4.2248

# Details

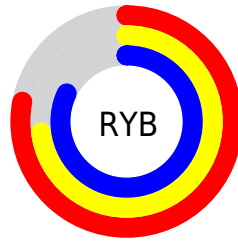
The RGB color `200, 187, 208` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `195, 208, 187`, and the grayscale version is `193, 193, 193`.

A 20% lighter version of the original color is `255, 243, 255`, and `146, 134, 154` is the 20% darker color. If you saturate the color by 10%, you get `192, 166, 208`, and if you desaturate by 10%, it is `208, 208, 208`.

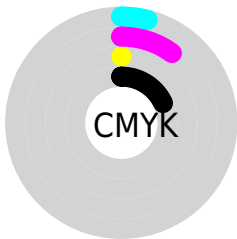
# Distribution



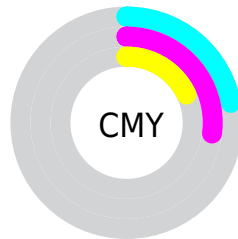
- Red (78%)
- Green (73%)
- Blue (82%)



- Red (78%)
- Yellow (73%)
- Blue (82%)



- Cyan (4%)
- Magenta (10%)
- Yellow (0%)
- Black (18%)



- Cyan (22%)
- Magenta (27%)
- Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the RGB color 200, 187, 208 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 RGB color 200, 187, 208 by changing the saturation by 10% instead.



■ 200, 187, 208

255, 255, 255

■ 255, 243, 255

■ 200, 187, 208

■ 173, 160, 180

■ 146, 134, 154

■ 120, 109, 128

■ 95, 84, 103

■ 72, 61, 79


■ 49, 39, 56


■ 28, 19, 34

■ 0, 0, 11

■ 0, 0, 0

 200, 187, 208

 200, 187, 208

 192, 166, 208

 208, 208, 208

 184, 145, 208


 216, 229, 208

 176, 125, 208


 224, 249, 208

 168, 104, 208

 232, 255, 208

 160, 83, 208

 240, 255, 208

 152, 62, 208

 248, 255, 208

 145, 41, 208

 255, 255, 208

 137, 21, 208

 129, 0, 208

# Harmonies

## Analogous

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



186, 191, 213



200, 187, 208



211, 184, 198

# Triad

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



200, 187, 208



207, 189, 170



164, 198, 196

# Complementary

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



200, 187, 208



195, 208, 187

# 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.



171, 198, 185



200, 187, 208



195, 192, 169

# Square

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



200, 187, 208



214, 185, 176



182, 196, 175



164, 197, 207

# Rectangle

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



200, 187, 208



215, 184, 190



182, 196, 175



165, 198, 192



# Sweetspot

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



200, 187, 208



252, 247, 255



187, 195, 208



126, 122, 128



0, 0, 0



128, 128, 128



# Same Dimension

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



200, 187, 208



243, 224, 255



208, 187, 206



101, 94, 105



104, 0, 168



25, 0, 41



# Inverse Universe

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



208, 187, 195



255, 224, 236



187, 208, 189



105, 94, 98



168, 0, 64

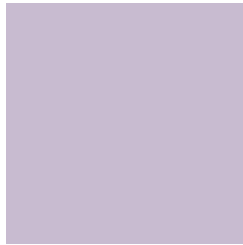


41, 0, 16



# Previews

## White Background



This preview shows how the RGB color 200, 187, 208 looks on a white background.

## Color Contrast Check

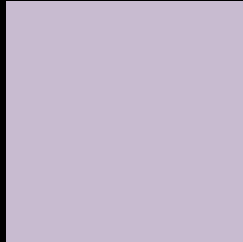
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the RGB color 200, 187, 208 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

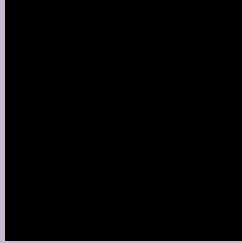
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## RGB 200, 187, 208 Background



This preview shows how black text looks on a background with the RGB color 200, 187, 208.



This preview shows how white text looks on a background with the RGB color 200, 187, 208.

# 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**  
200, 187, 208

**Protanopia**  
189, 190, 210

**Deuteranopia**  
202, 186, 208



**Tritanopia**  
199, 188, 203

# Trichromacy



**Original Color**

200, 187, 208

**Protanomaly**

193, 189, 209

**Deuteranomaly**

201, 186, 208

**Tritanomaly**

199, 188, 205

# Monochromacy



**Original Color**

200, 187, 208

**Achromatopsia**

193, 193, 193

**Achromatomaly**

196, 191, 198

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 200, 187, 208 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(200, 187, 208) looks like.

```
.text, #text, p{  
    color:rgb(200, 187, 208)  
}
```

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(200, 187, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 187, 208) }
```

## Border

The CSS property to change the border of an element to RGB 200, 187, 208 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(200, 187, 208) }
```

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

```
.border{ border-color:rgb(200, 187, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 187, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 187, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 187, 208);  
box-shadow:4px 4px 4px 4px rgb(200, 187,  
208) }
```

# Background

The CSS property to change the background color of an element to RGB 200, 187, 208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 187, 208) }
```

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

```
.background{ background-color: rgb(200,  
187, 208) }
```

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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