

# Converting Colors

RGB(209, 197, 228)

Have a look what the booklet for  
RGB(209, 197, 228) contains.

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# **Color**

**RGB(209, 197, 228)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D1C5E4
RGB	209, 197, 228
RGB Percent	82%, 77%, 89%
CMY	0.1804, 0.2275, 0.1059
CMYK	0.08, 0.14, 0.00, 0.11
HSL	263°, 36%, 83%
HSV	263°, 14%, 89%
XYZ	60.2643, 59.0893, 81.6279
YIQ	204.1220, -2.7990, 12.1850

# Conversions

## Conversions Part 2

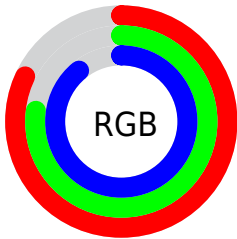
Format	Color
R <sub>Y</sub> B	209, 197, 228
Decimal	13747684
CIE Lab	81.34, 9.98, -13.86
CIE LCh	81, 17.075, 305.747
Yxy	59.0893, 0.2999, 0.2940
Android (android.graphics.Color)	4291937764 (0xFFD1C5E4)
YUV	204.1220, 11.7719, 4.2780
Hunter-Lab	76.8695, 5.4191, -9.1515

# Details

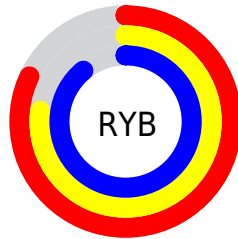
The RGB color **209, 197, 228** is a light color, and the websafe version is hex **C4CCFF**. A complement of this color would be **216, 228, 197**, and the grayscale version is **204, 204, 204**.

A 20% lighter version of the original color is 255, 254, 255, and **154, 143, 173** is the 20% darker color. If you saturate the color by 10%, you get **195, 174, 228**, and if you desaturate by 10%, it is **223, 220, 228**.

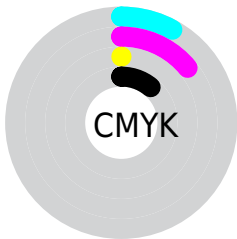
# Distribution



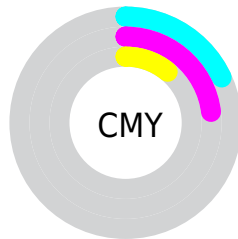
- Red (82%)
- Green (77%)
- Blue (89%)



- Red (82%)
- Yellow (77%)
- Blue (89%)



- Cyan (8%)
- Magenta (14%)
- Yellow (0%)
- Black (11%)



- Cyan (18%)
- Magenta (23%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the RGB color 209, 197, 228 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 209, 197, 228 by changing the saturation by 10% instead.




 209, 197, 228

255, 255, 255

255, 254, 255

 209, 197, 228

 181, 170, 200

 154, 143, 173

 128, 118, 146

 103, 93, 120

 79, 69, 95

 56, 47, 72

 34, 26, 49

 14, 0, 29

 0, 0, 0

■ 209, 197, 228

■ 209, 197, 228

■ 195, 174, 228

■ 223, 220, 228

■ 181, 151, 228

■ 237, 243, 228

■ 167, 129, 228

■ 251, 255, 228

■ 153, 106, 228

■ 255, 255, 228

■ 139, 83, 228

■ 125, 60, 228

■ 111, 37, 228

■ 97, 15, 228

■ 88, 0, 228

# Harmonies

## Analogous

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



188, 202, 234



209, 197, 228



226, 193, 216

# Triad

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



209, 197, 228



227, 197, 173



163, 212, 205

# Complementary

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



209, 197, 228



216, 228, 197

# 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.



176, 210, 188



209, 197, 228



212, 202, 170

# Square

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



209, 197, 228



235, 193, 184



194, 207, 176



161, 211, 220

# Rectangle

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



209, 197, 228



233, 191, 205



194, 207, 176



167, 211, 199



# Sweetspot

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



209, 197, 228



249, 245, 255



197, 216, 228



124, 121, 128



0, 0, 0



128, 128, 128



# Same Dimension

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



209, 197, 228



230, 214, 255



224, 197, 228



108, 103, 115



69, 0, 179



20, 0, 51



# Inverse Universe

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



228, 197, 216



255, 214, 239



201, 228, 197



115, 103, 110



179, 0, 109

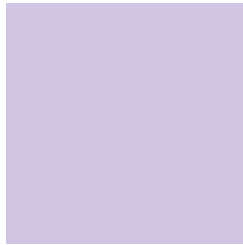


51, 0, 31



# Previews

## White Background



This preview shows how the RGB color 209, 197, 228 looks on a white background.

## Color Contrast Check

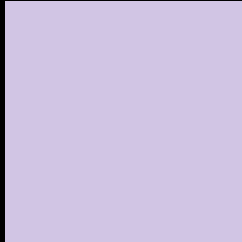
Large Text (above 18pt) WCAG AA × Fail

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 209, 197, 228 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

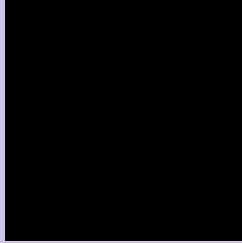
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

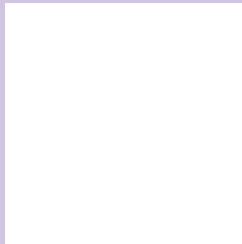
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## RGB 209, 197, 228 Background



This preview shows how black text looks on a background with the RGB color 209, 197, 228.



This preview shows how white text looks on a background with the RGB color 209, 197, 228.

# 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**  
209, 197, 228

**Protanopia**  
197, 201, 230

**Deuteranopia**  
210, 197, 228



**Tritanopia**  
207, 199, 215

# Trichromacy



## Original Color

209, 197, 228

## Protanomaly

201, 200, 229

## Deuteranomaly

210, 197, 228

## Tritanomaly

208, 198, 220

# Monochromacy



## Original Color

209, 197, 228

## Achromatopsia

204, 204, 204

## Achromatomaly

206, 201, 213

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 209, 197, 228 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(209, 197, 228) looks like.

```
.text, #text, p{  
    color:rgb(209, 197, 228)  
}
```

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(209, 197, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 197, 228) }
```

## Border

The CSS property to change the border of an element to RGB 209, 197, 228 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(209, 197, 228) }
```

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

```
.border{ border-color:rgb(209, 197, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 197, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 197, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 197, 228);  
box-shadow:4px 4px 4px 4px rgb(209, 197,  
228) }
```

# Background

The CSS property to change the background color of an element to RGB 209, 197, 228 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 197, 228) }
```

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

```
.background{ background-color: rgb(209,  
197, 228) }
```

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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