

Converting Colors

RGB(209, 176, 251)

Have a look what the booklet for
RGB(209, 176, 251) contains.

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Color

RGB(209, 176, 251)

Conversions

Conversions Part 1

Format	Color
Hex	D1B0FB
RGB	209, 176, 251
RGB Percent	82%, 69%, 98%
CMY	0.1804, 0.3098, 0.0157
CMYK	0.17, 0.30, 0.00, 0.02
HSL	266°, 90%, 84%
HSV	266°, 30%, 98%
XYZ	59.2324, 51.5710, 98.0991
YIQ	194.4170, -4.4070, 30.3210

Conversions

Conversions Part 2

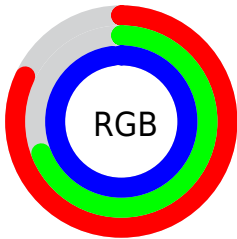
Format	Color
R _Y B	209, 176, 251
Decimal	13742331
CIE Lab	77.02, 26.12, -32.78
CIE LCh	77, 41.913, 308.545
Yxy	51.5710, 0.2835, 0.2469
Android (android.graphics.Color)	4291932411 (0xFFD1B0FB)
YUV	194.4170, 27.8954, 12.7893
Hunter-Lab	71.8130, 21.5568, -30.7232

Details

The RGB color **209, 176, 251** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **218, 251, 176**, and the grayscale version is **194, 194, 194**.

A 20% lighter version of the original color is **255, 232, 255**, and **154, 123, 194** is the 20% darker color. If you saturate the color by 10%, you get **195, 151, 251**, and if you desaturate by 10%, it is **223, 201, 251**.

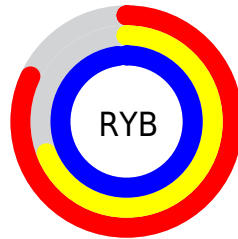
Distribution



Red (82%)

Green (69%)

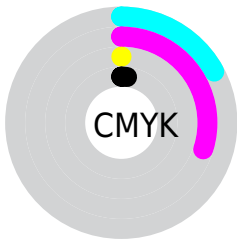
Blue (98%)



Red (82%)

Yellow (69%)

Blue (98%)

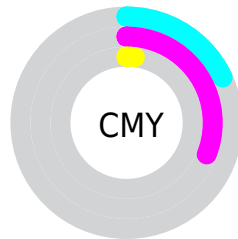


Cyan (17%)

Magenta (30%)

Yellow (0%)

Black (2%)



Cyan (18%)

Magenta (31%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the RGB color 209, 176, 251 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, 176, 251 by changing the saturation by 10% instead.

 209, 176, 251

255, 255, 255


 255, 232, 255

 209, 176, 251


 181, 149, 222

 154, 123, 194

 127, 98, 167

 101, 74, 140

 76, 51, 114

 51, 29, 90

 27, 7, 66

 0, 0, 43

 0, 1, 21

■ 209, 176, 251

■ 209, 176, 251

■ 195, 151, 251

■ 223, 201, 251

■ 181, 126, 251

■ 237, 226, 251

■ 167, 101, 251

■ 251, 251, 251

■ 153, 76, 251

■ 255, 255, 251

■ 139, 51, 251

■ 125, 25, 251

■ 111, 0, 251

■ 110, 0, 251

Harmonies

Analogous

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



152, 190, 255



209, 176, 251



248, 164, 219

Triad

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



209, 176, 251



239, 178, 118



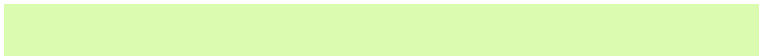
55, 211, 200

Complementary

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



209, 176, 251



218, 251, 176

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.



114, 209, 160



209, 176, 251



205, 191, 112

Square

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



209, 176, 251



255, 166, 144



163, 202, 128



0, 209, 237

Rectangle

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



209, 176, 251



255, 160, 194



163, 202, 128



77, 211, 187

Sweetspot

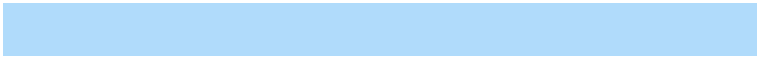
The Sweet Spot groups the original color and five complimentary colors.



209, 176, 251



242, 232, 255



176, 219, 251



120, 113, 128



0, 0, 0



128, 128, 128

Same Dimension

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



209, 176, 251



204, 163, 255



246, 176, 251



118, 112, 125



83, 0, 189



27, 0, 61

Inverse Universe

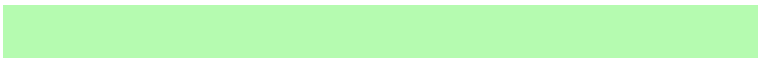
The Inverse Universe completely reimagines the original color for something new.



251, 176, 218



255, 163, 215



181, 251, 176



125, 112, 119



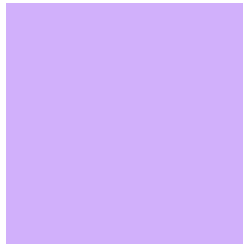
189, 0, 106



61, 0, 34

Previews

White Background



This preview shows how the RGB color 209, 176, 251 looks on a white background.

Color Contrast Check

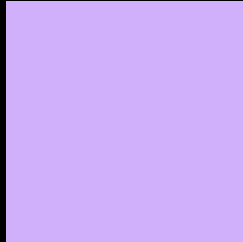
Large Text (above 18pt) WCAG AA × Fail

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, 176, 251 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, 176, 251 Background



This preview shows how black text looks on a background with the RGB color 209, 176, 251.




This preview shows how white text looks on a background with the RGB color 209, 176, 251.

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
200, 186, 200

Trichromacy



Original Color
209, 176, 251

Protanomaly
185, 184, 254

Deuteranomaly
189, 183, 250

Tritanomaly
203, 182, 219

Monochromacy



Original Color
209, 176, 251

Achromatopsia
194, 194, 194

Achromatomaly
199, 187, 215

CSS Examples

Text

The CSS property to change the color of the text to RGB 209, 176, 251 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, 176, 251)` looks like.

```
.text, #text, p{  
    color:rgb(209, 176, 251)  
}
```

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, 176, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 176, 251) }
```

Border

The CSS property to change the border of an element to RGB 209, 176, 251 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, 176, 251) }
```

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

```
.border{ border-color:rgb(209, 176, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 176, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 176, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 176, 251);  
box-shadow:4px 4px 4px 4px rgb(209, 176,  
251) }
```

Background

The CSS property to change the background color of an element to RGB 209, 176, 251 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 176, 251) }
```

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

```
.background{ background-color: rgb(209,  
176, 251) }
```

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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