

Converting Colors

RGB(209, 177, 233)

Have a look what the booklet for
RGB(209, 177, 233) contains.

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Color

RGB(209, 177, 233)

Conversions

Conversions Part 1

Format	Color
Hex	D1B1E9
RGB	209, 177, 233
RGB Percent	82%, 69%, 91%
CMY	0.1804, 0.3059, 0.0863
CMYK	0.10, 0.24, 0.00, 0.09
HSL	274°, 56%, 80%
HSV	274°, 24%, 91%
XYZ	56.7246, 50.8828, 83.9224
YIQ	192.9520, 1.0960, 24.2000

Conversions

Conversions Part 2

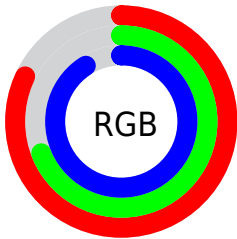
Format	Color
R _Y B	209, 177, 233
Decimal	13742569
CIE Lab	76.61, 21.79, -23.70
CIE LCh	77, 32.201, 312.596
Yxy	50.8828, 0.2962, 0.2657
Android (android.graphics.Color)	4291932649 (0xFFD1B1E9)
YUV	192.9520, 19.7437, 14.0741
Hunter-Lab	71.3322, 17.1151, -19.8223

Details

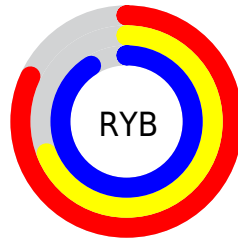
The RGB color `209, 177, 233` is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be `201, 233, 177`, and the grayscale version is `193, 193, 193`.

A 20% lighter version of the original color is `255, 233, 255`, and `154, 124, 177` is the 20% darker color. If you saturate the color by 10%, you get `199, 154, 233`, and if you desaturate by 10%, it is `219, 200, 233`.

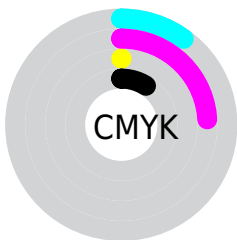
Distribution



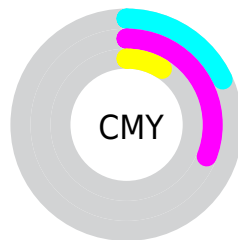
- Red (82%)
- Green (69%)
- Blue (91%)



- Red (82%)
- Yellow (69%)
- Blue (91%)



- Cyan (10%)
- Magenta (24%)
- Yellow (0%)
- Black (9%)



- Cyan (18%)
- Magenta (31%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the RGB color 209, 177, 233 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, 177, 233 by changing the saturation by 10% instead.

 209, 177, 233

 209, 177, 233

255, 255, 255

 181, 150, 205

 255, 233, 255

 154, 124, 177

 128, 99, 150

 102, 75, 124

 78, 52, 99

 54, 30, 75


 31, 9, 52

 0, 0, 31

 0, 0, 1

 209, 177, 233

 209, 177, 233

 199, 154, 233

 219, 200, 233

 189, 130, 233

 229, 224, 233

 179, 107, 233


 239, 247, 233


 169, 84, 233

 249, 255, 233

 159, 61, 233

 255, 255, 233

 149, 37, 233

 139, 14, 233

 133, 0, 233

Harmonies

Analogous

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



169, 188, 247



209, 177, 233



237, 169, 208

Triad

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



209, 177, 233



225, 181, 133



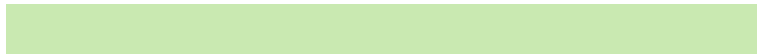
101, 206, 201

Complementary

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



209, 177, 233



201, 233, 177

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.



129, 204, 170



209, 177, 233



197, 191, 131

Square

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



209, 177, 233



244, 172, 150



164, 199, 144



96, 203, 228

Rectangle

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



209, 177, 233



247, 167, 187



164, 199, 144



109, 206, 191

Sweetspot

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



209, 177, 233



247, 237, 255



177, 201, 233



123, 117, 128



0, 0, 0



128, 128, 128

Same Dimension

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



209, 177, 233



223, 181, 255



233, 177, 229



112, 106, 117



103, 0, 181



31, 0, 54

Inverse Universe

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



233, 177, 201



255, 181, 213



177, 233, 181



117, 106, 111



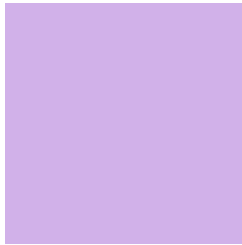
181, 0, 78



54, 0, 23

Previews

White Background



This preview shows how the RGB color 209, 177, 233 looks on a white background.

Color Contrast Check

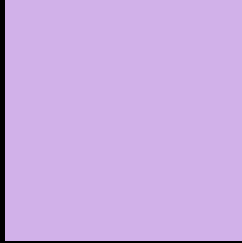
Large Text (above 18pt) WCAG AA × Fail

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, 177, 233 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, 177, 233 Background



This preview shows how black text looks on a background with the RGB color 209, 177, 233.



This preview shows how white text looks on a background with the RGB color 209, 177, 233.

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, 177, 233

Protanopia
176, 187, 240

Deuteranopia
186, 185, 231



Tritanopia
203, 183, 198

Trichromacy



Original Color
209, 177, 233

Protanomaly
188, 183, 237

Deuteranomaly
194, 182, 232

Tritanomaly
205, 181, 211

Monochromacy



Original Color
209, 177, 233

Achromatopsia
193, 193, 193

Achromatomaly
199, 187, 208

CSS Examples

Text

The CSS property to change the color of the text to RGB 209, 177, 233 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, 177, 233)` looks like.

```
.text, #text, p{  
    color:rgb(209, 177, 233)  
}
```

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, 177, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 177, 233) }
```

Border

The CSS property to change the border of an element to RGB 209, 177, 233 is called "border". The border property can be set on classes, ids or directly on the HTML element.

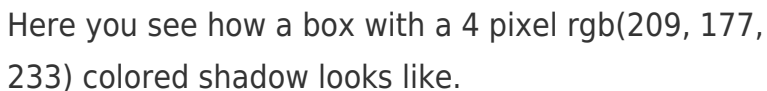
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(209, 177, 233) }
```

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

```
.border{ border-color:rgb(209, 177, 233) }
```

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



Here you see how a box with a 4 pixel `rgb(209, 177, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(209, 177, 233); -webkit-box-shadow:4px 4px 4px 4px rgb(209, 177, 233); box-shadow:4px 4px 4px 4px rgb(209, 177, 233) }
```

Background

The CSS property to change the background color of an element to RGB 209, 177, 233 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 177, 233) }
```

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

```
.background{ background-color: rgb(209,  
177, 233) }
```

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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