

Converting Colors

RGB(217, 211, 237)

Have a look what the booklet for
RGB(217, 211, 237) contains.

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Color

RGB(217, 211, 237)

Conversions

Conversions Part 1

Format	Color
Hex	D9D3ED
RGB	217, 211, 237
RGB Percent	85%, 83%, 93%
CMY	0.1490, 0.1725, 0.0706
CMYK	0.08, 0.11, 0.00, 0.07
HSL	254°, 42%, 88%
HSV	254°, 11%, 93%
XYZ	67.1956, 67.4547, 89.5992
YIQ	215.7580, -4.7700, 9.3580

Conversions

Conversions Part 2

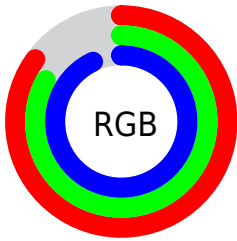
Format	Color
R _Y B	217, 211, 237
Decimal	14275565
CIE Lab	85.73, 6.92, -12.02
CIE LCh	86, 13.865, 299.925
Yxy	67.4547, 0.2996, 0.3008
Android (android.graphics.Color)	4292465645 (0xFFD9D3ED)
YUV	215.7580, 10.4723, 1.0892
Hunter-Lab	82.1308, 2.3115, -7.1899

Details

The RGB color **217, 211, 237** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **231, 237, 211**, and the grayscale version is **216, 216, 216**.

A 20% lighter version of the original color is 255, 255, 255, and **162, 157, 181** is the 20% darker color. If you saturate the color by 10%, you get **199, 187, 237**, and if you desaturate by 10%, it is **235, 235, 237**.

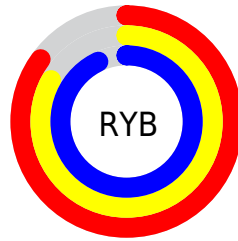
Distribution



Red (85%)

Green (83%)

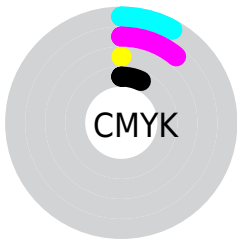
Blue (93%)



Red (85%)

Yellow (83%)

Blue (93%)

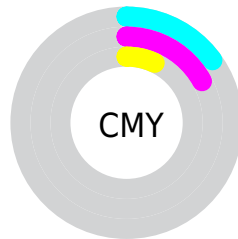


Cyan (8%)

Magenta (11%)

Yellow (0%)

Black (7%)



Cyan (15%)

Magenta (17%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the RGB color 217, 211, 237 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 217, 211, 237 by changing the saturation by 10% instead.

■ 217, 211, 237

255, 255, 255

■ 217, 211, 237

■ 189, 183, 209

■ 162, 157, 181

■ 136, 130, 154

■ 110, 105, 128

■ 86, 81, 103

■ 62, 58, 79


■ 40, 37, 56

■ 20, 16, 35


■ 0, 0, 11

 217, 211, 237


 217, 211, 237

 199, 187, 237


 235, 235, 237

 181, 164, 237


 253, 255, 237

 162, 140, 237

 255, 255, 237

 144, 116, 237

 126, 92, 237

 108, 69, 237

 89, 45, 237

 71, 21, 237

 55, 0, 237

Harmonies

Analogous

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



200, 215, 240



217, 211, 237



232, 207, 228

Triad

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



217, 211, 237



237, 209, 192



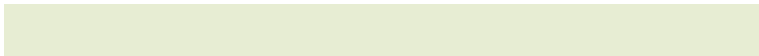
185, 222, 214

Complementary

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



217, 211, 237



231, 237, 211

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.



196, 221, 201



217, 211, 237



225, 213, 188

Square

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



217, 211, 237



242, 206, 202



211, 218, 191



181, 222, 227

Rectangle

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



217, 211, 237



239, 206, 219



211, 218, 191



188, 222, 209

Sweetspot

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



217, 211, 237



249, 247, 255



211, 231, 237



124, 122, 128



0, 0, 0



128, 128, 128

Same Dimension

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



217, 211, 237



229, 222, 255



230, 211, 237



108, 106, 117



42, 0, 181



12, 0, 54

Inverse Universe

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



237, 211, 231



255, 222, 247



218, 237, 211



117, 106, 115



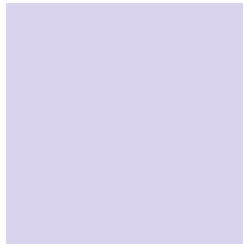
181, 0, 139



54, 0, 41

Previews

White Background



This preview shows how the RGB color 217, 211, 237 looks on a white background.

Color Contrast Check

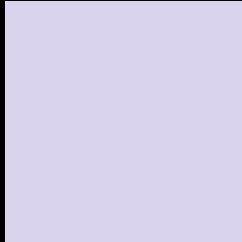
Large Text (above 18pt) WCAG AA × Fail

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 217, 211, 237 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

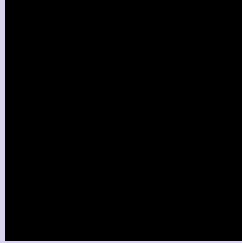
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

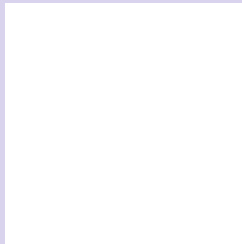
Any Text WCAG AAA ✓ Pass

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

RGB 217, 211, 237 Background



This preview shows how black text looks on a background with the RGB color 217, 211, 237.



This preview shows how white text looks on a background with the RGB color 217, 211, 237.

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
217, 211, 237

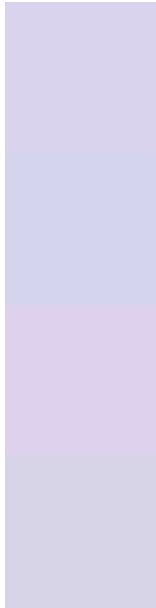
Protanopia
211, 213, 238

Deuteranopia
224, 208, 237



Tritanopia
216, 212, 229

Trichromacy



Original Color
217, 211, 237

Protanomaly
213, 212, 238

Deuteranomaly
221, 209, 237

Tritanomaly
216, 212, 232

Monochromacy



Original Color
217, 211, 237

Achromatopsia
216, 216, 216

Achromatomaly
216, 214, 224

CSS Examples

Text

The CSS property to change the color of the text to RGB 217, 211, 237 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(217, 211, 237)` looks like.

```
.text, #text, p{  
    color:rgb(217, 211, 237)  
}
```

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(217, 211, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 211, 237) }
```

Border

The CSS property to change the border of an element to RGB 217, 211, 237 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(217, 211, 237) }
```

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

```
.border{ border-color:rgb(217, 211, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 211, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 211, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 211, 237);  
box-shadow:4px 4px 4px 4px rgb(217, 211,  
237) }
```

Background

The CSS property to change the background color of an element to RGB 217, 211, 237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 211, 237) }
```

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

```
.background{ background-color: rgb(217,  
211, 237) }
```

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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