

Converting Colors

RGB(221, 197, 234)

Have a look what the booklet for
RGB(221, 197, 234) contains.

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Color

RGB(221, 197, 234)

Conversions

Conversions Part 1

Format	Color
Hex	DDC5EA
RGB	221, 197, 234
RGB Percent	87%, 77%, 92%
CMY	0.1333, 0.2275, 0.0824
CMYK	0.06, 0.16, 0.00, 0.08
HSL	279°, 47%, 85%
HSV	279°, 16%, 92%
XYZ	64.6363, 61.2452, 86.2567
YIQ	208.3940, 2.4270, 16.5950

Conversions

Conversions Part 2

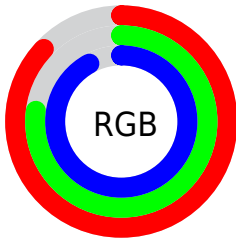
Format	Color
R _Y B	221, 197, 234
Decimal	14534122
CIE Lab	82.51, 15.08, -15.21
CIE LCh	83, 21.420, 314.748
Yxy	61.2452, 0.3047, 0.2887
Android (android.graphics.Color)	4292724202 (0xFFDDC5EA)
YUV	208.3940, 12.6238, 11.0555
Hunter-Lab	78.2593, 10.4739, -10.5674

Details

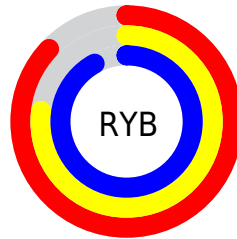
The RGB color **221, 197, 234** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **210, 234, 197**, and the grayscale version is **208, 208, 208**.

A 20% lighter version of the original color is 255, 254, 255, and **166, 143, 178** is the 20% darker color. If you saturate the color by 10%, you get **213, 174, 234**, and if you desaturate by 10%, it is **229, 220, 234**.

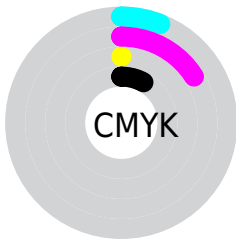
Distribution



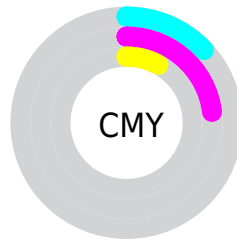
- Red (87%)
- Green (77%)
- Blue (92%)



- Red (87%)
- Yellow (77%)
- Blue (92%)



- Cyan (6%)
- Magenta (16%)
- Yellow (0%)
- Black (8%)



- Cyan (13%)
- Magenta (23%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the RGB color 221, 197, 234 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 221, 197, 234 by changing the saturation by 10% instead.

■ 221, 197, 234

255, 255, 255

255, 254, 255

■ 221, 197, 234

■ 193, 170, 206

■ 166, 143, 178

■ 139, 118, 151

■ 114, 93, 126


■ 89, 69, 101


■ 65, 47, 77


■ 43, 25, 54

■ 24, 0, 33

■ 0, 0, 6

 221, 197, 234

 221, 197, 234

 213, 174, 234

 229, 220, 234

 205, 150, 234


 237, 244, 234

 196, 127, 234

 246, 255, 234


 188, 103, 234


 254, 255, 234

 180, 80, 234

 255, 255, 234

 172, 57, 234

 163, 33, 234

 155, 10, 234

 152, 0, 234

Harmonies

Analogous

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



196, 204, 244



221, 197, 234



240, 192, 216

Triad

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



221, 197, 234



231, 200, 167



153, 217, 215

Complementary

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



221, 197, 234



210, 234, 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.



166, 216, 194



221, 197, 234



211, 207, 166

Square

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



221, 197, 234



244, 195, 178



188, 213, 176



153, 215, 233

Rectangle

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



221, 197, 234



246, 191, 203



188, 213, 176



156, 217, 208

Sweetspot

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



221, 197, 234



251, 242, 255



197, 211, 234



125, 120, 128



0, 0, 0



128, 128, 128

Same Dimension

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



221, 197, 234



238, 207, 255



234, 197, 229



113, 106, 117



117, 0, 181



35, 0, 54

Inverse Universe

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



234, 197, 210



255, 207, 224



197, 234, 202



117, 106, 110



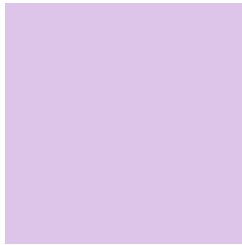
181, 0, 64



54, 0, 19

Previews

White Background



This preview shows how the RGB color 221, 197, 234 looks on a white background.

Color Contrast Check

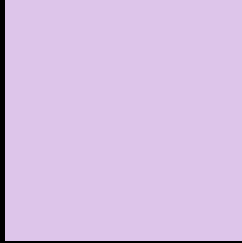
Large Text (above 18pt) WCAG AA × Fail

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 221, 197, 234 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

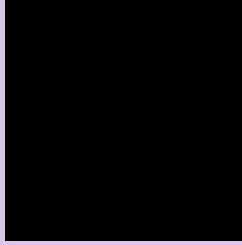
Any Text WCAG AA ✓ Pass

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 221, 197, 234 Background



This preview shows how black text looks on a background with the RGB color 221, 197, 234.



This preview shows how white text looks on a background with the RGB color 221, 197, 234.

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
221, 197, 234

Protanopia
199, 204, 238

Deuteranopia
212, 200, 233



Tritanopia
218, 200, 216

Trichromacy



Original Color
221, 197, 234

Protanomaly
207, 201, 237

Deuteranomaly
215, 199, 233

Tritanomaly
219, 199, 223

Monochromacy



Original Color
221, 197, 234

Achromatopsia
208, 208, 208

Achromatomaly
213, 204, 217

CSS Examples

Text

The CSS property to change the color of the text to RGB 221, 197, 234 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(221, 197, 234)` looks like.

```
.text, #text, p{  
    color:rgb(221, 197, 234)  
}
```

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(221, 197, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 197, 234) }
```

Border

The CSS property to change the border of an element to RGB 221, 197, 234 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(221, 197, 234) }
```

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

```
.border{ border-color:rgb(221, 197, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 197, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 197, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 197, 234);  
box-shadow:4px 4px 4px 4px rgb(221, 197,  
234) }
```

Background

The CSS property to change the background color of an element to RGB 221, 197, 234 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 197, 234) }
```

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

```
.background{ background-color: rgb(221,  
197, 234) }
```

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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