

Converting Colors

RGB(221, 176, 214)

Have a look what the booklet for
RGB(221, 176, 214) contains.

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Color

RGB(221, 176, 214)

Conversions

Conversions Part 1

Format	Color
Hex	DDB0D6
RGB	221, 176, 214
RGB Percent	87%, 69%, 84%
CMY	0.1333, 0.3098, 0.1608
CMYK	0.00, 0.20, 0.03, 0.13
HSL	309°, 40%, 78%
HSV	309°, 20%, 87%
XYZ	57.4817, 51.2779, 70.4863
YIQ	193.7870, 14.6220, 21.3580

Conversions

Conversions Part 2

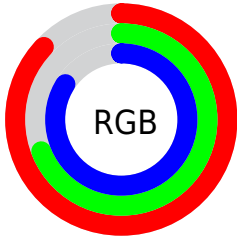
Format	Color
R _Y B	221, 176, 214
Decimal	14528726
CIE Lab	76.85, 22.63, -12.93
CIE LCh	77, 26.063, 330.253
Yxy	51.2779, 0.3207, 0.2861
Android (android.graphics.Color)	4292718806 (0xFFDDB0D6)
YUV	193.7870, 9.9650, 23.8658
Hunter-Lab	71.6086, 17.9708, -8.2348

Details

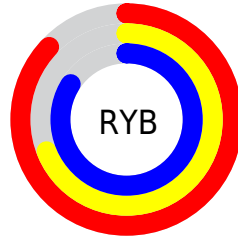
The RGB color **221, 176, 214** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **176, 221, 183**, and the grayscale version is **194, 194, 194**.

A 20% lighter version of the original color is **255, 232, 255**, and **166, 123, 159** is the 20% darker color. If you saturate the color by 10%, you get **221, 154, 211**, and if you desaturate by 10%, it is **221, 198, 217**.

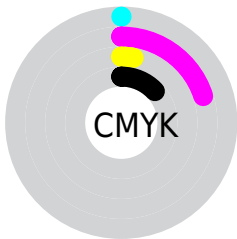
Distribution



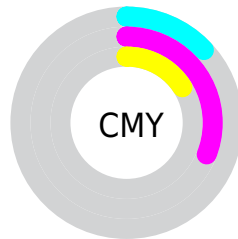
- Red (87%)
- Green (69%)
- Blue (84%)



- Red (87%)
- Yellow (69%)
- Blue (84%)



- Cyan (0%)
- Magenta (20%)
- Yellow (3%)
- Black (13%)




- Cyan (13%)
- Magenta (31%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the RGB color 221, 176, 214 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, 176, 214 by changing the saturation by 10% instead.


 221, 176, 214

255, 255, 255


 255, 232, 255


 221, 176, 214

 193, 149, 186


 166, 123, 159


 139, 98, 133

 113, 74, 108

 88, 51, 84

 64, 28, 60

 41, 6, 38

 14, 0, 17

 0, 0, 0

■ 221, 176, 214

■ 221, 176, 214

■ 221, 154, 211

■ 221, 198, 217

■ 221, 132, 207

■ 221, 220, 221

■ 221, 110, 204

■ 221, 242, 224

■ 221, 88, 200

■ 221, 255, 228

■ 221, 66, 197

■ 221, 255, 231

■ 221, 43, 193

■ 221, 255, 235

■ 221, 21, 190

■ 221, 255, 238

■ 221, 0, 187

■ 221, 255, 242

■ 221, 255, 245

Harmonies

Analogous

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



194, 183, 231



221, 176, 214



236, 172, 190

Triad

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



221, 176, 214



207, 188, 142



120, 203, 213

Complementary

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



221, 176, 214



176, 221, 183

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.



130, 203, 189



221, 176, 214



181, 196, 148

Square

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



221, 176, 214



228, 180, 149



154, 201, 165



132, 199, 231

Rectangle

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



221, 176, 214



239, 173, 174



154, 201, 165



121, 203, 205

Sweetspot

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



221, 176, 214



255, 240, 253



183, 176, 221



128, 119, 126



0, 0, 0



128, 128, 128

Same Dimension

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



221, 176, 214



255, 194, 245



221, 176, 192



110, 99, 108



173, 0, 146



46, 0, 39

Inverse Universe

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



221, 176, 214



255, 194, 245



176, 221, 205



110, 99, 108



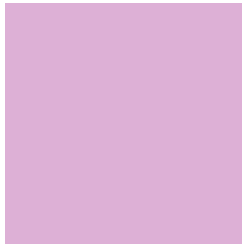
173, 0, 146



46, 0, 39

Previews

White Background



This preview shows how the RGB color 221, 176, 214 looks on a white background.

Color Contrast Check

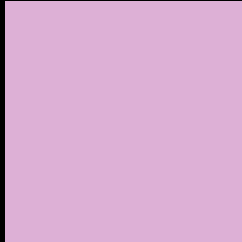
Large Text (above 18pt) WCAG AA × Fail

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, 176, 214 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

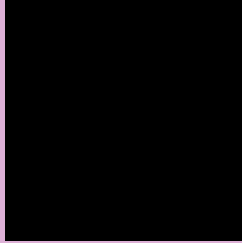
Any Text WCAG AA ✓ Pass

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, 176, 214 Background



This preview shows how black text looks on a background with the RGB color 221, 176, 214.




This preview shows how white text looks on a background with the RGB color 221, 176, 214.

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
218, 180, 194

Trichromacy



Original Color
221, 176, 214

Protanomaly
197, 184, 219

Deuteranomaly
206, 182, 213

Tritanomaly
219, 179, 201

Monochromacy



Original Color
221, 176, 214

Achromatopsia
194, 194, 194

Achromatomaly
204, 187, 201

CSS Examples

Text

The CSS property to change the color of the text to RGB 221, 176, 214 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, 176, 214)` looks like.

```
.text, #text, p{  
    color:rgb(221, 176, 214)  
}
```

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, 176, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 176, 214) }
```

Border

The CSS property to change the border of an element to RGB 221, 176, 214 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, 176, 214) }
```

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

```
.border{ border-color:rgb(221, 176, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 176, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 176, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 176, 214);  
box-shadow:4px 4px 4px 4px rgb(221, 176,  
214) }
```

Background

The CSS property to change the background color of an element to RGB 221, 176, 214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 176, 214) }
```

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

```
.background{ background-color: rgb(221,  
176, 214) }
```

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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