

Converting Colors

RGB(222, 176, 214)

Have a look what the booklet for
RGB(222, 176, 214) contains.

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Color

RGB(222, 176, 214)

Conversions

Conversions Part 1

Format	Color
Hex	DEB0D6
RGB	222, 176, 214
RGB Percent	87%, 69%, 84%
CMY	0.1294, 0.3098, 0.1608
CMYK	0.00, 0.21, 0.04, 0.13
HSL	310°, 41%, 78%
HSV	310°, 21%, 87%
XYZ	57.7871, 51.4353, 70.5006
YIQ	194.0860, 15.2180, 21.5700

Conversions

Conversions Part 2

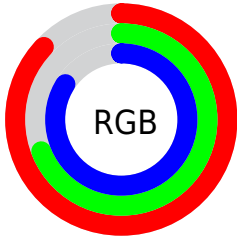
Format	Color
R _Y B	222, 176, 214
Decimal	14594262
CIE Lab	76.94, 22.97, -12.78
CIE LCh	77, 26.283, 330.907
Yxy	51.4353, 0.3215, 0.2862
Android (android.graphics.Color)	4292784342 (0xFFDEB0D6)
YUV	194.0860, 9.8176, 24.4806
Hunter-Lab	71.7184, 18.3192, -8.0804

Details

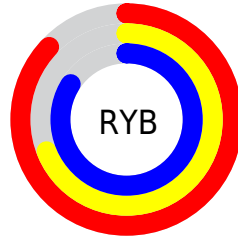
The RGB color **222, 176, 214** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **176, 222, 184**, and the grayscale version is **194, 194, 194**.

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 **222, 154, 210**, and if you desaturate by 10%, it is **222, 198, 218**.

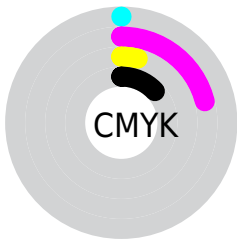
Distribution



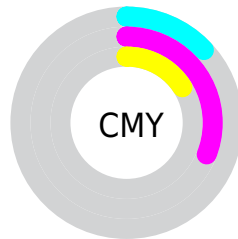
- Red (87%)
- Green (69%)
- Blue (84%)



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



- Cyan (0%)
- Magenta (21%)
- Yellow (4%)
- Black (13%)




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

Brightness & Saturation Gradients


These gradients show how the RGB color 222, 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 222, 176, 214 by changing the saturation by 10% instead.


 222, 176, 214


255, 255, 255


 255, 232, 255

 222, 176, 214

 194, 149, 186

 166, 123, 159

 140, 98, 133

 114, 74, 108


 89, 51, 84

 65, 28, 60


 42, 6, 38


 16, 0, 17


 0, 0, 0

 222, 176, 214


 222, 176, 214

 222, 154, 210

 222, 198, 218

 222, 132, 206

 222, 220, 222

 222, 109, 202

 222, 243, 226

 222, 87, 199

 222, 255, 229

 222, 65, 195

 222, 255, 233

 222, 43, 191

 222, 255, 237

 222, 21, 187

 222, 255, 241

 222, 0, 183

 222, 255, 245

 222, 255, 249

Harmonies

Analogous

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



195, 183, 232



222, 176, 214



237, 172, 190

Triad

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



222, 176, 214



207, 189, 141



119, 203, 214

Complementary

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



222, 176, 214



176, 222, 184

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, 190



222, 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.



222, 176, 214



228, 180, 148



153, 201, 166



132, 199, 232

Rectangle

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



222, 176, 214



240, 173, 174



153, 201, 166



120, 204, 206

Sweetspot

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



222, 176, 214



255, 240, 252



184, 176, 222



128, 119, 126



0, 0, 0



128, 128, 128

Same Dimension

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



222, 176, 214



255, 191, 244



222, 176, 191



112, 101, 110



176, 0, 145



48, 0, 40

Inverse Universe

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



222, 176, 214



255, 191, 244



176, 222, 207



112, 101, 110



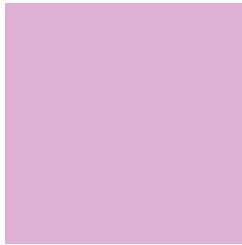
176, 0, 145



48, 0, 40

Previews

White Background



This preview shows how the RGB color 222, 176, 214 looks on a white background.

Color Contrast Check

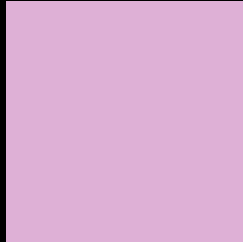
Large Text (above 18pt) WCAG AA × Fail

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 222, 176, 214 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

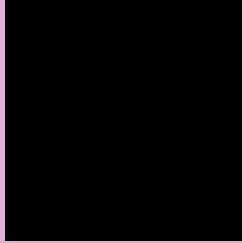
Any Text WCAG AA ✓ Pass

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 222, 176, 214 Background



This preview shows how black text looks on a background with the RGB color 222, 176, 214.



This preview shows how white text looks on a background with the RGB color 222, 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



Original Color
222, 176, 214

Protanopia
184, 189, 222

Deuteranopia
198, 185, 212



Tritanopia
219, 180, 194

Trichromacy



Original Color
222, 176, 214

Protanomaly
198, 184, 219

Deuteranomaly
207, 182, 213

Tritanomaly
220, 179, 201

Monochromacy



Original Color
222, 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 222, 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(222, 176, 214)` looks like.

```
.text, #text, p{  
    color:rgb(222, 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(222, 176, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 176, 214) }
```

Border

The CSS property to change the border of an element to RGB 222, 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(222, 176, 214) }
```

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

```
.border{ border-color:rgb(222, 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(222, 176, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 176, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 176, 214);  
box-shadow:4px 4px 4px 4px rgb(222, 176,  
214) }
```

Background

The CSS property to change the background color of an element to RGB 222, 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(222, 176, 214) }
```

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

```
.background{ background-color: rgb(222,  
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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