

Converting Colors

RGB(210, 176, 221)

Have a look what the booklet for
RGB(210, 176, 221) contains.

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Color

RGB(210, 176, 221)

Conversions

Conversions Part 1

Format	Color
Hex	D2B0DD
RGB	210, 176, 221
RGB Percent	82%, 69%, 87%
CMY	0.1765, 0.3098, 0.1333
CMYK	0.05, 0.20, 0.00, 0.13
HSL	285°, 40%, 78%
HSV	285°, 20%, 87%
XYZ	55.1548, 49.9728, 75.1453
YIQ	191.2960, 5.8190, 21.2030

Conversions

Conversions Part 2

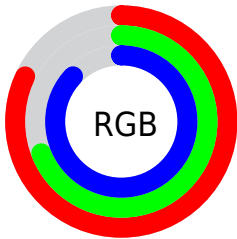
Format	Color
R_{YB}	210, 176, 221
Decimal	13807837
CIE Lab	76.05, 20.27, -18.03
CIE LCh	76, 27.129, 318.342
Yxy	49.9728, 0.3060, 0.2772
Android (android.graphics.Color)	4291997917 (0xFFD2B0DD)
YUV	191.2960, 14.6441, 16.4034
Hunter-Lab	70.6914, 15.5592, -13.5416

Details

The RGB color **210, 176, 221** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **187, 221, 176**, and the grayscale version is **191, 191, 191**.

A 20% lighter version of the original color is **255, 232, 255**, and **155, 123, 166** is the 20% darker color. If you saturate the color by 10%, you get **205, 154, 221**, and if you desaturate by 10%, it is **215, 198, 221**.

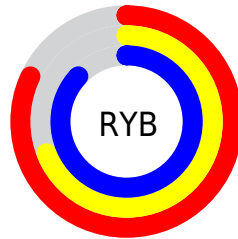
Distribution



Red (82%)

Green (69%)

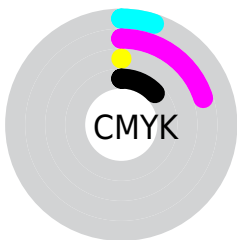
Blue (87%)



Red (82%)

Yellow (69%)

Blue (87%)

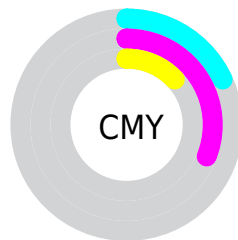


Cyan (5%)

Magenta (20%)

Yellow (0%)

Black (13%)



Cyan (18%)


Magenta (31%)


Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the RGB color 210, 176, 221 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 210, 176, 221 by changing the saturation by 10% instead.


 210, 176, 221

 210, 176, 221


255, 255, 255

 182, 149, 193

 255, 232, 255

 155, 123, 166

 129, 98, 139

 103, 74, 114


 79, 51, 89


 55, 29, 66

 33, 7, 43

 0, 0, 23

 0, 0, 0


 210, 176, 221

 210, 176, 221

 205, 154, 221

 215, 198, 221

 199, 132, 221

 221, 220, 221

 194, 110, 221


 226, 242, 221

 188, 88, 221


 232, 255, 221

 183, 66, 221

 237, 255, 221

 178, 43, 221

 242, 255, 221

 172, 21, 221

 248, 255, 221

 167, 0, 221

 253, 255, 221

 255, 255, 221

Harmonies

Analogous

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



178, 185, 235



210, 176, 221



231, 170, 198

Triad

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



210, 176, 221



215, 183, 139



115, 202, 202

Complementary

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



210, 176, 221



187, 221, 176

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.



134, 201, 177



210, 176, 221



190, 191, 140

Square

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



210, 176, 221



232, 175, 151



161, 197, 154



118, 199, 224

Rectangle

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



210, 176, 221



238, 169, 181



161, 197, 154



120, 202, 194

Sweetspot

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



210, 176, 221



251, 240, 255



176, 187, 221



125, 119, 128



0, 0, 0



128, 128, 128

Same Dimension

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



210, 176, 221



240, 194, 255



221, 176, 210



107, 99, 110



131, 0, 173



35, 0, 46

Inverse Universe

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



221, 176, 187



255, 194, 209



176, 221, 187



110, 99, 101



173, 0, 42



46, 0, 11

Previews

White Background



This preview shows how the RGB color 210, 176, 221 looks on a white background.

Color Contrast Check

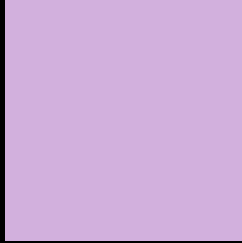
Large Text (above 18pt) WCAG AA × Fail

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 210, 176, 221 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

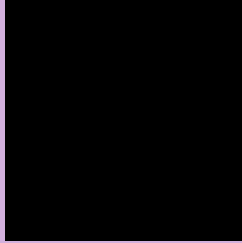
Any Text WCAG AA ✓ Pass

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 210, 176, 221 Background



This preview shows how black text looks on a background with the RGB color 210, 176, 221.

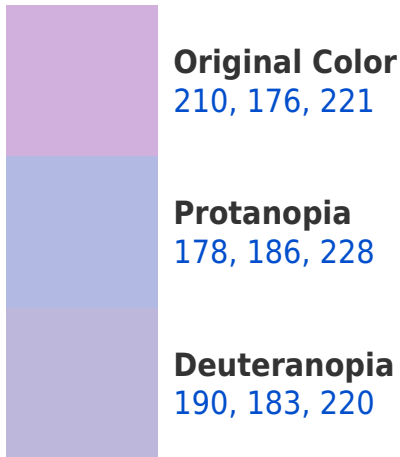



This preview shows how white text looks on a background with the RGB color 210, 176, 221.

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
206, 181, 195

Trichromacy



Original Color
210, 176, 221

Protanomaly
190, 182, 225

Deuteranomaly
197, 180, 220

Tritanomaly
207, 179, 204

Monochromacy



Original Color
210, 176, 221

Achromatopsia
191, 191, 191

Achromatomaly
198, 186, 202

CSS Examples

Text

The CSS property to change the color of the text to RGB 210, 176, 221 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(210, 176, 221)` looks like.

```
.text, #text, p{  
    color:rgb(210, 176, 221)  
}
```

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(210, 176, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 176, 221) }
```

Border

The CSS property to change the border of an element to RGB 210, 176, 221 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(210, 176, 221) }
```

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

```
.border{ border-color:rgb(210, 176, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 176, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 176, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 176, 221);  
box-shadow:4px 4px 4px 4px rgb(210, 176,  
221) }
```

Background

The CSS property to change the background color of an element to RGB 210, 176, 221 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 176, 221) }
```

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

```
.background{ background-color: rgb(210,  
176, 221) }
```

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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