

Converting Colors

RGB(200, 171, 212)

Have a look what the booklet for
RGB(200, 171, 212) contains.

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Color

RGB(200, 171, 212)

Conversions

Conversions Part 1

Format	Color
Hex	C8ABD4
RGB	200, 171, 212
RGB Percent	78%, 67%, 83%
CMY	0.2157, 0.3294, 0.1686
CMYK	0.06, 0.19, 0.00, 0.17
HSL	282°, 32%, 75%
HSV	282°, 19%, 83%
XYZ	50.2660, 46.1586, 68.5476
YIQ	184.3450, 4.1230, 18.8990

Conversions

Conversions Part 2

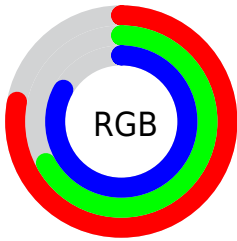
Format	Color
R _Y B	200, 171, 212
Decimal	13151188
CIE Lab	73.65, 17.93, -16.85
CIE LCh	74, 24.599, 316.780
Yxy	46.1586, 0.3047, 0.2798
Android (android.graphics.Color)	4291341268 (0xFFC8ABD4)
YUV	184.3450, 13.6339, 13.7294
Hunter-Lab	67.9402, 13.1692, -12.2620

Details

The RGB color `200, 171, 212` is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be `183, 212, 171`, and the grayscale version is `184, 184, 184`.

A 20% lighter version of the original color is `255, 226, 255`, and `146, 119, 157` is the 20% darker color. If you saturate the color by 10%, you get `194, 150, 212`, and if you desaturate by 10%, it is `206, 192, 212`.

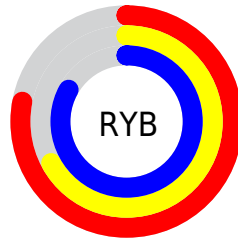
Distribution



Red (78%)

Green (67%)

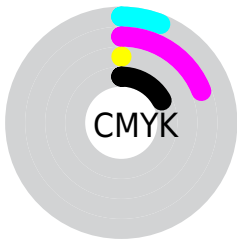
Blue (83%)



Red (78%)

Yellow (67%)

Blue (83%)

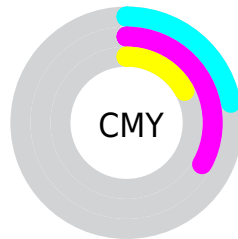


Cyan (6%)

Magenta (19%)

Yellow (0%)

Black (17%)



Cyan (22%)


Magenta (33%)

Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the RGB color 200, 171, 212 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 200, 171, 212 by changing the saturation by 10% instead.

 200, 171, 212

255, 255, 255

 255, 226, 255


 200, 171, 212


 173, 144, 184

 146, 119, 157

 120, 94, 131

 95, 70, 106

 71, 47, 82


 48, 26, 59


 28, 1, 37

 0, 1, 14

 0, 0, 0

 200, 171, 212


 200, 171, 212

 194, 150, 212

 206, 192, 212

 188, 129, 212


 212, 213, 212

 181, 107, 212

 219, 235, 212

 175, 86, 212

 225, 255, 212

 169, 65, 212

 231, 255, 212

 163, 44, 212

 237, 255, 212

 157, 23, 212

 243, 255, 212

 150, 1, 212

 250, 255, 212

 150, 0, 212

 255, 255, 212

Harmonies

Analogous

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



171, 179, 224



200, 171, 212



220, 166, 192

Triad

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



200, 171, 212



207, 176, 137



118, 194, 193

Complementary

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



200, 171, 212



183, 212, 171

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, 193, 170



200, 171, 212



185, 184, 138

Square

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



200, 171, 212



222, 169, 149



159, 190, 150



119, 191, 213

Rectangle

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



200, 171, 212



226, 165, 177



159, 190, 150



122, 194, 185

Sweetspot

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



200, 171, 212



251, 240, 255



171, 183, 212



125, 119, 128



0, 0, 0



128, 128, 128

Same Dimension

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



200, 171, 212



238, 196, 255



212, 171, 204



104, 96, 107



121, 0, 171



31, 0, 43

Inverse Universe

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



212, 171, 183



255, 196, 214



171, 212, 179



107, 96, 100



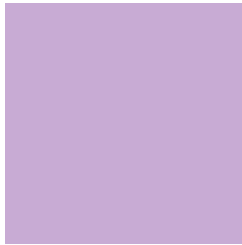
171, 0, 50



43, 0, 13

Previews

White Background



This preview shows how the RGB color 200, 171, 212 looks on a white background.

Color Contrast Check

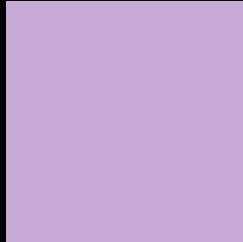
Large Text (above 18pt) WCAG AA × Fail

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 200, 171, 212 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 200, 171, 212 Background



This preview shows how black text looks on a background with the RGB color 200, 171, 212.



This preview shows how white text looks on a background with the RGB color 200, 171, 212.

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
200, 171, 212

Protanopia
173, 179, 218

Deuteranopia
184, 177, 211



Tritanopia
196, 175, 189

Trichromacy



Original Color
200, 171, 212

Protanomaly
183, 176, 216

Deuteranomaly
190, 175, 211

Tritanomaly
197, 174, 197

Monochromacy



Original Color
200, 171, 212

Achromatopsia
184, 184, 184

Achromatomaly
190, 179, 194

CSS Examples

Text

The CSS property to change the color of the text to RGB 200, 171, 212 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(200, 171, 212)` looks like.

```
.text, #text, p{  
    color:rgb(200, 171, 212)  
}
```

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(200, 171, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 171, 212) }
```

Border

The CSS property to change the border of an element to RGB 200, 171, 212 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(200, 171, 212) }
```

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

```
.border{ border-color:rgb(200, 171, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 171, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 171, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 171, 212);  
box-shadow:4px 4px 4px 4px rgb(200, 171,  
212) }
```

Background

The CSS property to change the background color of an element to RGB 200, 171, 212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 171, 212) }
```

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

```
.background{ background-color: rgb(200,  
171, 212) }
```

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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