

Converting Colors

RGB(201, 174, 236)

Have a look what the booklet for
RGB(201, 174, 236) contains.

RGB(201, 174, 236)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(201, 174, 236)

Conversions

Conversions Part 1

Format	Color
Hex	C9AEEC
RGB	201, 174, 236
RGB Percent	79%, 68%, 93%
CMY	0.2118, 0.3176, 0.0745
CMYK	0.15, 0.26, 0.00, 0.07
HSL	266°, 62%, 80%
HSV	266°, 26%, 93%
XYZ	54.3638, 48.7457, 85.9005
YIQ	189.1410, -3.8100, 25.0060

Conversions

Conversions Part 2

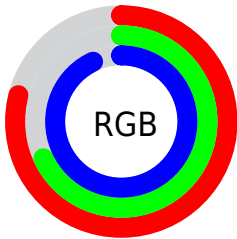
Format	Color
R _Y B	201, 174, 236
Decimal	13217516
CIE Lab	75.29, 21.54, -27.40
CIE LCh	75, 34.854, 308.170
Yxy	48.7457, 0.2876, 0.2579
Android (android.graphics.Color)	4291407596 (0xFFC9AEEC)
YUV	189.1410, 23.1015, 10.4003
Hunter-Lab	69.8181, 16.8069, -24.0745

Details

The RGB color **201, 174, 236** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **209, 236, 174**, and the grayscale version is **189, 189, 189**.

A 20% lighter version of the original color is **255, 230, 255**, and **146, 121, 180** is the 20% darker color. If you saturate the color by 10%, you get **188, 150, 236**, and if you desaturate by 10%, it is **214, 198, 236**.

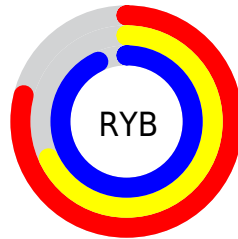
Distribution



Red (79%)

Green (68%)

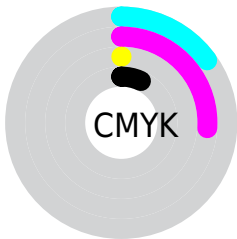
Blue (93%)



Red (79%)

Yellow (68%)

Blue (93%)

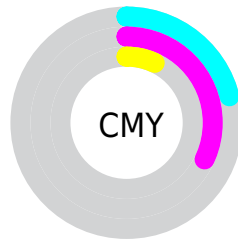


Cyan (15%)

Magenta (26%)

Yellow (0%)

Black (7%)



Cyan (21%)

Magenta (32%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the RGB color 201, 174, 236 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 201, 174, 236 by changing the saturation by 10% instead.

■ 201, 174, 236

255, 255, 255

■ 255, 230, 255

■ 201, 174, 236

■ 173, 147, 208

■ 146, 121, 180

■ 120, 96, 153

■ 95, 73, 127

■ 70, 50, 102

■ 46, 28, 77

■ 24, 6, 54

■ 0, 1, 33

■ 0, 0, 5

■ 201, 174, 236

■ 201, 174, 236

■ 188, 150, 236

■ 214, 198, 236

■ 174, 127, 236

■ 228, 221, 236

■ 161, 103, 236

■ 241, 245, 236

■ 148, 80, 236

■ 254, 255, 236

■ 134, 56, 236

■ 255, 255, 236

■ 121, 32, 236

■ 108, 9, 236

■ 103, 0, 236

Harmonies

Analogous

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



155, 186, 249



201, 174, 236



233, 164, 210

Triad

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



201, 174, 236



228, 175, 126



89, 203, 193

Complementary

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



201, 174, 236



209, 236, 174

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.



126, 201, 161



201, 174, 236



199, 186, 121

Square

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



201, 174, 236



246, 166, 147



164, 195, 134



75, 201, 224

Rectangle

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



201, 174, 236



245, 161, 189



164, 195, 134



100, 203, 182

Sweetspot

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



201, 174, 236



243, 235, 255



174, 209, 236



120, 115, 128



0, 0, 0



128, 128, 128

Same Dimension

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



201, 174, 236



209, 173, 255



232, 174, 236



111, 106, 117



79, 0, 181



23, 0, 54

Inverse Universe

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



236, 174, 209



255, 173, 219



178, 236, 174



117, 106, 112



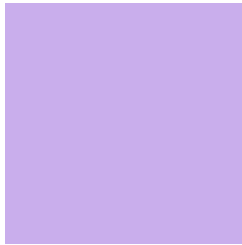
181, 0, 102



54, 0, 30

Previews

White Background



This preview shows how the RGB color 201, 174, 236 looks on a white background.

Color Contrast Check

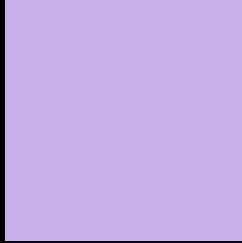
Large Text (above 18pt) WCAG AA × Fail

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 201, 174, 236 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 201, 174, 236 Background



This preview shows how black text looks on a background with the RGB color 201, 174, 236.



This preview shows how white text looks on a background with the RGB color 201, 174, 236.

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
201, 174, 236

Protanopia
170, 183, 243

Deuteranopia
178, 182, 234



Tritanopia
194, 182, 196

Trichromacy



Original Color
201, 174, 236

Protanomaly
181, 180, 240

Deuteranomaly
186, 179, 235

Tritanomaly
197, 179, 211

Monochromacy



Original Color
201, 174, 236

Achromatopsia
189, 189, 189

Achromatomaly
193, 184, 206

CSS Examples

Text

The CSS property to change the color of the text to RGB 201, 174, 236 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(201, 174, 236) looks like.

```
.text, #text, p{  
    color:rgb(201, 174, 236)  
}
```

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(201, 174, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 174, 236) }
```

Border

The CSS property to change the border of an element to RGB 201, 174, 236 is called "border". The border property can be set on classes, ids or directly on the HTML element.

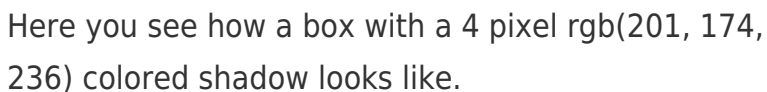
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(201, 174, 236) }
```

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

```
.border{ border-color:rgb(201, 174, 236) }
```

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



Here you see how a box with a 4 pixel `rgb(201, 174, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 174, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 174, 236);  
box-shadow:4px 4px 4px 4px rgb(201, 174,  
236) }
```

Background

The CSS property to change the background color of an element to RGB 201, 174, 236 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 174, 236) }
```

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

```
.background{ background-color: rgb(201,  
174, 236) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor