

Converting Colors

RGB(206, 173, 235)

Have a look what the booklet for
RGB(206, 173, 235) contains.

RGB(206, 173, 235)	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(206, 173, 235)

Conversions

Conversions Part 1

Format	Color
Hex	CEADEB
RGB	206, 173, 235
RGB Percent	81%, 68%, 92%
CMY	0.1922, 0.3216, 0.0784
CMYK	0.12, 0.26, 0.00, 0.08
HSL	272°, 61%, 80%
HSV	272°, 26%, 92%
XYZ	55.3926, 49.0071, 85.1371
YIQ	189.9350, -0.2340, 26.2780

Conversions

Conversions Part 2

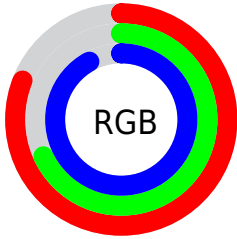
Format	Color
R _Y B	206, 173, 235
Decimal	13544939
CIE Lab	75.46, 23.44, -26.57
CIE LCh	75, 35.432, 311.417
Yxy	49.0071, 0.2923, 0.2586
Android (android.graphics.Color)	4291735019 (0xFFCEADEB)
YUV	189.9350, 22.2170, 14.0890
Hunter-Lab	70.0051, 18.7319, -23.1023

Details

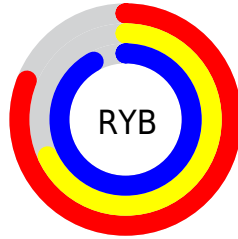
The RGB color **206, 173, 235** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **202, 235, 173**, and the grayscale version is **190, 190, 190**.

A 20% lighter version of the original color is **255, 229, 255**, and **151, 120, 179** is the 20% darker color. If you saturate the color by 10%, you get **195, 149, 235**, and if you desaturate by 10%, it is **217, 197, 235**.

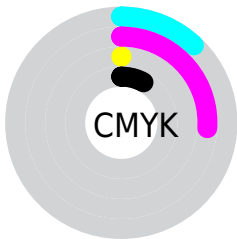
Distribution



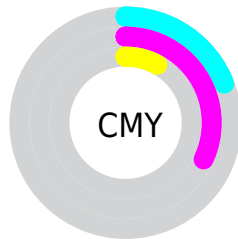
- Red (81%)
- Green (68%)
- Blue (92%)



- Red (81%)
- Yellow (68%)
- Blue (92%)



- Cyan (12%)
- Magenta (26%)
- Yellow (0%)
- Black (8%)



- Cyan (19%)
- Magenta (32%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the RGB color 206, 173, 235 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 206, 173, 235 by changing the saturation by 10% instead.


 206, 173, 235

255, 255, 255

 255, 229, 255

 206, 173, 235


 178, 146, 207

 151, 120, 179

 125, 95, 152

 99, 71, 126

 74, 48, 101

 51, 27, 77

 28, 4, 54

 0, 0, 32

 0, 0, 4

■ 206, 173, 235

■ 206, 173, 235

■ 195, 149, 235

■ 217, 197, 235

■ 184, 126, 235

■ 228, 220, 235

■ 173, 103, 235

■ 239, 244, 235

■ 162, 79, 235

■ 250, 255, 235

■ 151, 56, 235

■ 255, 255, 235

■ 140, 32, 235

■ 129, 9, 235

■ 125, 0, 235

Harmonies

Analogous

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



161, 185, 250



206, 173, 235



237, 164, 207

Triad

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



206, 173, 235



226, 177, 124



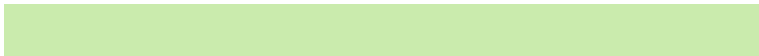
84, 204, 198

Complementary

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



206, 173, 235



202, 235, 173

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.



120, 202, 164



206, 173, 235



196, 188, 121

Square

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



206, 173, 235



246, 167, 144



160, 197, 136



74, 201, 228

Rectangle

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



206, 173, 235



248, 161, 186



160, 197, 136



95, 204, 186

Sweetspot

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



206, 173, 235



245, 235, 255



173, 203, 235



122, 115, 128



0, 0, 0



128, 128, 128

Same Dimension

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



206, 173, 235



217, 173, 255



235, 173, 234



112, 106, 117



96, 0, 181



29, 0, 54

Inverse Universe

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



235, 173, 202



255, 173, 212



173, 235, 174



117, 106, 111



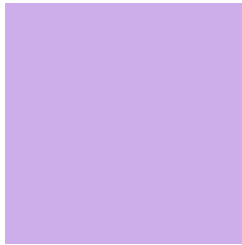
181, 0, 85



54, 0, 25

Previews

White Background



This preview shows how the RGB color 206, 173, 235 looks on a white background.

Color Contrast Check

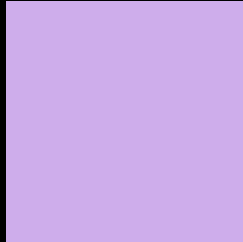
Large Text (above 18pt) WCAG AA × Fail

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 206, 173, 235 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

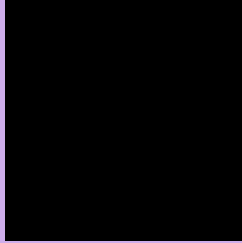
Any Text WCAG AA ✓ Pass

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 206, 173, 235 Background



This preview shows how black text looks on a background with the RGB color 206, 173, 235.



This preview shows how white text looks on a background with the RGB color 206, 173, 235.

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
206, 173, 235

Protanopia
170, 184, 243

Deuteranopia
180, 182, 233



Tritanopia
200, 181, 195

Trichromacy



Original Color
206, 173, 235

Protanomaly
183, 180, 240

Deuteranomaly
189, 179, 234

Tritanomaly
202, 178, 210

Monochromacy



Original Color
206, 173, 235

Achromatopsia
190, 190, 190

Achromatomaly
196, 184, 206

CSS Examples

Text

The CSS property to change the color of the text to RGB 206, 173, 235 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(206, 173, 235) looks like.

```
.text, #text, p{  
    color:rgb(206, 173, 235)  
}
```

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(206, 173, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 173, 235) }
```

Border

The CSS property to change the border of an element to RGB 206, 173, 235 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(206, 173, 235) }
```

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

```
.border{ border-color:rgb(206, 173, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 173, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 173, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 173, 235);  
box-shadow:4px 4px 4px 4px rgb(206, 173,  
235) }
```

Background

The CSS property to change the background color of an element to RGB 206, 173, 235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 173, 235) }
```

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

```
.background{ background-color: rgb(206,  
173, 235) }
```

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