

Converting Colors

RGB(221, 196, 202)

Have a look what the booklet for
RGB(221, 196, 202) contains.

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Color

RGB(221, 196, 202)

Conversions

Conversions Part 1

Format	Color
Hex	DDC4CA
RGB	221, 196, 202
RGB Percent	87%, 77%, 79%
CMY	0.1333, 0.2314, 0.2078
CMYK	0.00, 0.11, 0.09, 0.13
HSL	346°, 27%, 82%
HSV	346°, 11%, 87%
XYZ	60.2194, 59.1163, 64.1138
YIQ	204.1590, 12.9740, 7.1660

Conversions

Conversions Part 2

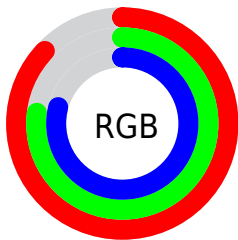
Format	Color
R _Y B	221, 196, 202
Decimal	14533834
CIE Lab	81.36, 9.80, 0.22
CIE LCh	81, 9.807, 1.291
Yxy	59.1163, 0.3283, 0.3222
Android (android.graphics.Color)	4292723914 (0xFFDDC4CA)
YUV	204.1590, -1.0644, 14.7696
Hunter-Lab	76.8871, 5.2520, 4.3809

Details

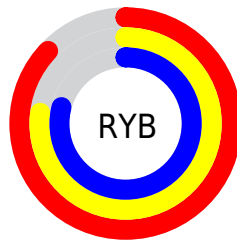
The RGB color **221, 196, 202** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **196, 221, 215**, and the grayscale version is **204, 204, 204**.

A 20% lighter version of the original color is **255, 253, 255**, and **166, 142, 148** is the 20% darker color. If you saturate the color by 10%, you get **221, 174, 185**, and if you desaturate by 10%, it is **221, 218, 219**.

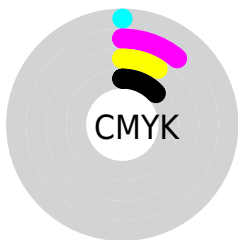
Distribution



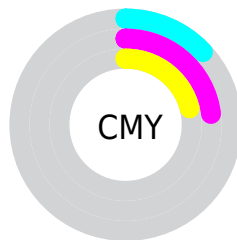
- Red (87%)
- Green (77%)
- Blue (79%)



- Red (87%)
- Yellow (77%)
- Blue (79%)



- Cyan (0%)
- Magenta (11%)
- Yellow (9%)
- Black (13%)



- Cyan (13%)
- Magenta (23%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the RGB color 221, 196, 202 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 221, 196, 202 by changing the saturation by 10% instead.

■ 221, 196, 202

255, 255, 255

■ 255, 253, 255

■ 221, 196, 202

■ 193, 169, 175

■ 166, 142, 148

■ 139, 117, 122

■ 114, 92, 97


■ 89, 68, 74


■ 65, 46, 51


■ 43, 25, 30


■ 24, 0, 5


■ 0, 0, 0

 221, 196, 202


 221, 196, 202


 221, 174, 185


 221, 218, 219


 221, 152, 168


 221, 240, 236


 221, 130, 152


 221, 255, 252


 221, 108, 135

 221, 255, 255

 221, 86, 118

 221, 63, 101

 221, 41, 84

 221, 19, 68

 221, 0, 53

Harmonies

Analogous

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



215, 197, 211



221, 196, 202



222, 197, 193

Triad

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



221, 196, 202



199, 204, 186



184, 205, 218

Complementary

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



221, 196, 202



196, 221, 215

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.



180, 207, 211



221, 196, 202



189, 207, 193

Square

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



221, 196, 202



210, 202, 184



182, 208, 202



193, 203, 220

Rectangle

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



221, 196, 202



220, 198, 188



182, 208, 202



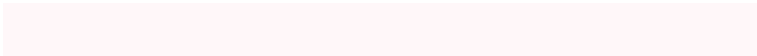
182, 206, 216

Sweetspot

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



221, 196, 202



255, 247, 249



215, 196, 221



128, 122, 124



0, 0, 0



128, 128, 128

Same Dimension

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



221, 196, 202



255, 219, 228



221, 202, 196



110, 99, 101



173, 0, 42



46, 0, 11

Inverse Universe

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



221, 196, 202



255, 219, 228



196, 215, 221



110, 99, 101



173, 0, 42



46, 0, 11

Previews

White Background



This preview shows how the RGB color 221, 196, 202 looks on a white background.

Color Contrast Check

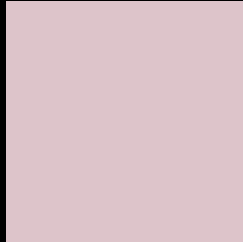
Large Text (above 18pt) WCAG AA × Fail

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 221, 196, 202 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

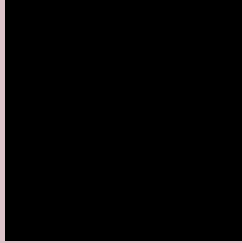
Any Text WCAG AA ✓ Pass

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 221, 196, 202 Background



This preview shows how black text looks on a background with the RGB color 221, 196, 202.



This preview shows how white text looks on a background with the RGB color 221, 196, 202.

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
221, 196, 202

Protanopia
205, 201, 205

Deuteranopia
222, 196, 202



Tritanopia
222, 195, 210

Trichromacy



Original Color

221, 196, 202

Protanomaly

211, 199, 204

Deuteranomaly

222, 196, 202

Tritanomaly

222, 195, 207

Monochromacy



Original Color

221, 196, 202

Achromatopsia

204, 204, 204

Achromatomaly

210, 201, 203

CSS Examples

Text

The CSS property to change the color of the text to RGB 221, 196, 202 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(221, 196, 202) looks like.

```
.text, #text, p{  
    color:rgb(221, 196, 202)  
}
```

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(221, 196, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 196, 202) }
```

Border

The CSS property to change the border of an element to RGB 221, 196, 202 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(221, 196, 202) }
```

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

```
.border{ border-color:rgb(221, 196, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 196, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 196, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 196, 202);  
box-shadow:4px 4px 4px 4px rgb(221, 196,  
202) }
```

Background

The CSS property to change the background color of an element to RGB 221, 196, 202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 196, 202) }
```

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

```
.background{ background-color: rgb(221,  
196, 202) }
```

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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