

# Converting Colors

RGB(220, 196, 201)

Have a look what the booklet for  
RGB(220, 196, 201) contains.

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# **Color**

**RGB(220, 196, 201)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DCC4C9
RGB	220, 196, 201
RGB Percent	86%, 77%, 79%
CMY	0.1373, 0.2314, 0.2118
CMYK	0.00, 0.11, 0.09, 0.14
HSL	348°, 26%, 82%
HSV	348°, 11%, 86%
XYZ	59.7977, 58.9125, 63.4779
YIQ	203.7460, 12.6990, 6.6430

# Conversions

## Conversions Part 2

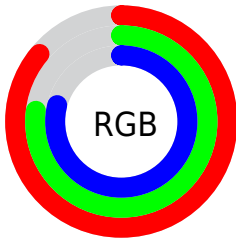
Format	Color
RYB	220, 196, 201
Decimal	14468297
CIELab	81.24, 9.28, 0.58
CIElCh	81, 9.301, 3.599
Yxy	58.9125, 0.3282, 0.3234
Android (android.graphics.Color)	4292658377 (0xFFDCC4C9)
YUV	203.7460, -1.3538, 14.2548
Hunter-Lab	76.7545, 4.7450, 4.6938

# Details

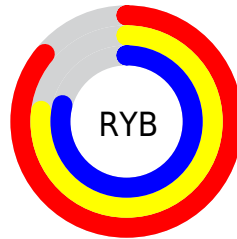
The RGB color **220, 196, 201** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **196, 220, 215**, and the grayscale version is **204, 204, 204**.

A 20% lighter version of the original color is 255, 253, 255, and **165, 142, 147** is the 20% darker color. If you saturate the color by 10%, you get **220, 174, 184**, and if you desaturate by 10%, it is **220, 218, 218**.

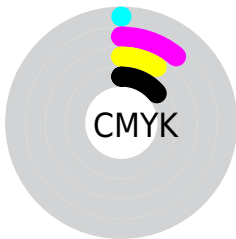
# Distribution



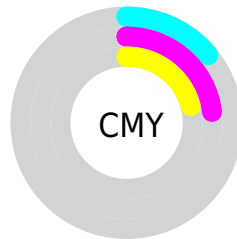
- Red (86%)
- Green (77%)
- Blue (79%)



- Red (86%)
- Yellow (77%)
- Blue (79%)



- Cyan (0%)
- Magenta (11%)
- Yellow (9%)
- Black (14%)



- Cyan (14%)
- Magenta (23%)
- Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the RGB color 220, 196, 201 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 220, 196, 201 by changing the saturation by 10% instead.



 220, 196, 201

255, 255, 255

 255, 253, 255

 220, 196, 201

 192, 169, 174

 165, 142, 147

 138, 117, 121

 113, 92, 97


 88, 68, 73


 65, 46, 50


 42, 25, 29

 24, 0, 4


 0, 0, 0

 220, 196, 201


 220, 196, 201

 220, 174, 184


 220, 218, 218

 220, 152, 166


 220, 240, 236

 220, 130, 149


 220, 255, 253


 220, 108, 131

 220, 255, 255

 220, 86, 114

 220, 64, 96

 220, 42, 79

 220, 20, 62

 220, 0, 46

# Harmonies

## Analogous

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



214, 197, 210



220, 196, 201



221, 197, 193

# Triad

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



220, 196, 201



198, 204, 187



185, 205, 217

# Complementary

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



220, 196, 201



196, 220, 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.



181, 207, 211



220, 196, 201



189, 206, 194

# Square

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



220, 196, 201



208, 201, 185



182, 207, 203



194, 202, 219

# Rectangle

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



220, 196, 201



218, 198, 188



182, 207, 203



183, 206, 215

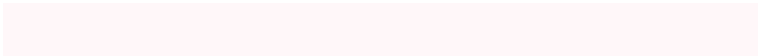


# Sweetspot

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



220, 196, 201



255, 247, 249



215, 196, 220



128, 122, 123



0, 0, 0



128, 128, 128



# Same Dimension

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



220, 196, 201



255, 222, 229



220, 203, 196



110, 99, 101



173, 0, 36



46, 0, 10



# Inverse Universe

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



220, 196, 201



255, 222, 229



196, 213, 220



110, 99, 101



173, 0, 36



46, 0, 10



# Previews

## White Background



This preview shows how the RGB color 220, 196, 201 looks on a white background.

## Color Contrast Check

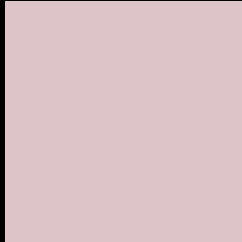
Large Text (above 18pt) WCAG AA × Fail

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 220, 196, 201 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

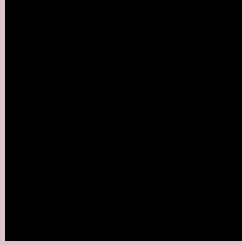
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## RGB 220, 196, 201 Background



This preview shows how black text looks on a background with the RGB color 220, 196, 201.




This preview shows how white text looks on a background with the RGB color 220, 196, 201.

# 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

	<b>Original Color</b> 220, 196, 201
	<b>Protanopia</b> 205, 201, 204
	<b>Deuteranopia</b> 222, 195, 201



**Tritanopia**  
221, 195, 210

# Trichromacy



**Original Color**

220, 196, 201

**Protanomaly**

210, 199, 203

**Deuteranomaly**

221, 195, 201

**Tritanomaly**

221, 195, 207

# Monochromacy



**Original Color**

220, 196, 201

**Achromatopsia**

204, 204, 204

**Achromatomaly**

210, 201, 203

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 220, 196, 201 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(220, 196, 201)` looks like.

```
.text, #text, p{  
    color:rgb(220, 196, 201)  
}
```

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(220, 196, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 196, 201) }
```

## Border

The CSS property to change the border of an element to RGB 220, 196, 201 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(220, 196, 201) }
```

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

```
.border{ border-color:rgb(220, 196, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 196, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(220, 196, 201); -webkit-box-shadow:4px 4px 4px 4px rgb(220, 196, 201); box-shadow:4px 4px 4px 4px rgb(220, 196, 201) }
```

# Background

The CSS property to change the background color of an element to RGB 220, 196, 201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 196, 201) }
```

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

```
.background{ background-color: rgb(220,  
196, 201) }
```

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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