

Converting Colors

RGB(204, 156, 172)

Have a look what the booklet for
RGB(204, 156, 172) contains.

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Color

RGB(204, 156, 172)

Conversions

Conversions Part 1

Format	Color
Hex	CC9CAC
RGB	204, 156, 172
RGB Percent	80%, 61%, 67%
CMY	0.2000, 0.3882, 0.3255
CMYK	0.00, 0.24, 0.16, 0.20
HSL	340°, 32%, 71%
HSV	340°, 24%, 80%
XYZ	44.2367, 39.5929, 44.3404
YIQ	172.1760, 23.4720, 15.1520

Conversions

Conversions Part 2

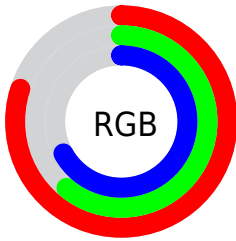
Format	Color
RYB	204, 156, 172
Decimal	13409452
CIELab	69.18, 20.33, -1.38
CIElCh	69, 20.380, 356.106
Yxy	39.5929, 0.3451, 0.3089
Android (android.graphics.Color)	4291599532 (0xFFCC9CAC)
YUV	172.1760, -0.0868, 27.9096
Hunter-Lab	62.9229, 15.3760, 2.2656

Details

The RGB color **204, 156, 172** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **156, 204, 188**, and the grayscale version is **172, 172, 172**.

A 20% lighter version of the original color is **255, 211, 227**, and **149, 104, 120** is the 20% darker color. If you saturate the color by 10%, you get **204, 136, 158**, and if you desaturate by 10%, it is **204, 176, 186**.

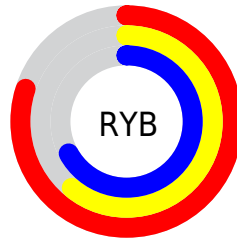
Distribution



Red (80%)

Green (61%)

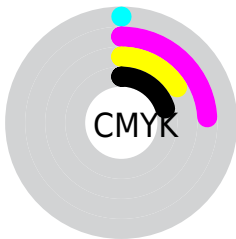
Blue (67%)



Red (80%)

Yellow (61%)

Blue (67%)

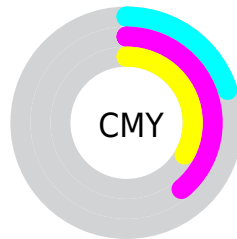


Cyan (0%)

Magenta (24%)

Yellow (16%)

Black (20%)



Cyan (20%)


Magenta (39%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the RGB color 204, 156, 172 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 204, 156, 172 by changing the saturation by 10% instead.


 204, 156, 172

255, 255, 255

 255, 211, 227

 255, 239, 255

 204, 156, 172

 176, 130, 145

 149, 104, 120

 123, 80, 95


 97, 57, 71


 73, 34, 49


 49, 13, 28

 30, 0, 1


 0, 0, 0

 204, 156, 172

 204, 156, 172

 204, 136, 158

 204, 176, 186

 204, 115, 145


 204, 197, 199

 204, 95, 131

 204, 217, 213

 204, 74, 118

 204, 238, 226

 204, 54, 104

 204, 255, 240

 204, 34, 90

 204, 255, 254

 204, 13, 77

 204, 255, 255

 204, 0, 68

Harmonies

Analogous

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



191, 159, 190



204, 156, 172



207, 157, 153

Triad

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



204, 156, 172



166, 173, 136



124, 176, 199

Complementary

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



204, 156, 172



156, 204, 188

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.



118, 179, 184



204, 156, 172



145, 177, 148

Square

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



204, 156, 172



185, 167, 132



126, 179, 166



144, 171, 205

Rectangle

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



204, 156, 172



203, 159, 143



126, 179, 166



120, 177, 195

Sweetspot

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



204, 156, 172



255, 237, 243



188, 156, 204



128, 117, 121



0, 0, 0



128, 128, 128

Same Dimension

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



204, 156, 172



255, 184, 207



204, 164, 156



102, 92, 95



166, 0, 55



38, 0, 13

Inverse Universe

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



204, 156, 172



255, 184, 207



156, 196, 204



102, 92, 95



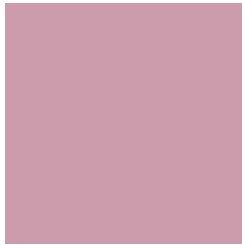
166, 0, 55



38, 0, 13

Previews

White Background



This preview shows how the RGB color 204, 156, 172 looks on a white background.

Color Contrast Check

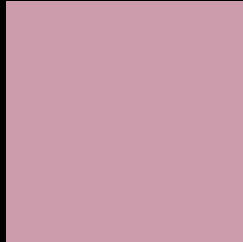
Large Text (above 18pt) WCAG AA × Fail

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 204, 156, 172 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

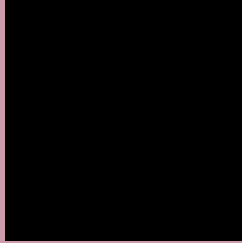
Any Text WCAG AA ✓ Pass

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 204, 156, 172 Background



This preview shows how black text looks on a background with the RGB color 204, 156, 172.



This preview shows how white text looks on a background with the RGB color 204, 156, 172.

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
204, 156, 172

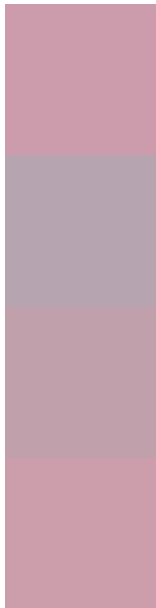
Protanopia
169, 168, 179

Deuteranopia
185, 164, 171



Tritanopia
204, 157, 169

Trichromacy



Original Color

204, 156, 172

Protanomaly

182, 164, 176

Deuteranomaly

192, 161, 171

Tritanomaly

204, 157, 170

Monochromacy



Original Color

204, 156, 172

Achromatopsia

172, 172, 172

Achromatomaly

184, 166, 172

CSS Examples

Text

The CSS property to change the color of the text to RGB 204, 156, 172 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(204, 156, 172) looks like.

```
.text, #text, p{  
    color:rgb(204, 156, 172)  
}
```

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(204, 156, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 156, 172) }
```

Border

The CSS property to change the border of an element to RGB 204, 156, 172 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(204, 156, 172) }
```

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

```
.border{ border-color:rgb(204, 156, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 156, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 156, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 156, 172);  
box-shadow:4px 4px 4px 4px rgb(204, 156,  
172) }
```

Background

The CSS property to change the background color of an element to RGB 204, 156, 172 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 156, 172) }
```

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

```
.background{ background-color: rgb(204,  
156, 172) }
```

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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