

Converting Colors

RGB(204, 195, 212)

Have a look what the booklet for
RGB(204, 195, 212) contains.

RGB(204, 195, 212)	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(204, 195, 212)

Conversions

Conversions Part 1

Format	Color
Hex	CCC3D4
RGB	204, 195, 212
RGB Percent	80%, 76%, 83%
CMY	0.2000, 0.2353, 0.1686
CMYK	0.04, 0.08, 0.00, 0.17
HSL	272°, 17%, 80%
HSV	272°, 8%, 83%
XYZ	56.3006, 56.6210, 70.2489
YIQ	199.6290, -0.0930, 7.1950

Conversions

Conversions Part 2

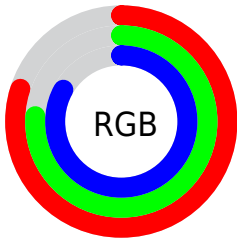
Format	Color
R_{YB}	204, 195, 212
Decimal	13419476
CIE _{Lab}	79.97, 6.27, -7.36
CIE _{LCh}	80, 9.668, 310.423
Yxy	56.6210, 0.3074, 0.3091
Android (android.graphics.Color)	4291609556 (0xFFCCC3D4)
YUV	199.6290, 6.0989, 3.8334
Hunter-Lab	75.2470, 1.8735, -2.6790

Details

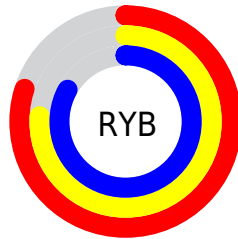
The RGB color **204, 195, 212** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **203, 212, 195**, and the grayscale version is **200, 200, 200**.

A 20% lighter version of the original color is 255, 252, 255, and **150, 141, 157** is the 20% darker color. If you saturate the color by 10%, you get **194, 174, 212**, and if you desaturate by 10%, it is **214, 216, 212**.

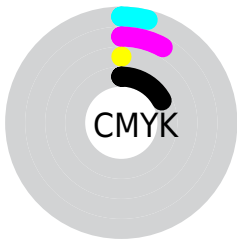
Distribution



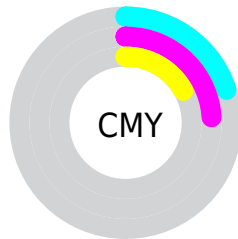
- Red (80%)
- Green (76%)
- Blue (83%)



- Red (80%)
- Yellow (76%)
- Blue (83%)



- Cyan (4%)
- Magenta (8%)
- Yellow (0%)
- Black (17%)



- Cyan (20%)
- Magenta (24%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the RGB color 204, 195, 212 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, 195, 212 by changing the saturation by 10% instead.

■ 204, 195, 212

255, 255, 255

■ 255, 252, 255

■ 204, 195, 212

■ 177, 168, 184

■ 150, 141, 157

■ 124, 116, 131

■ 99, 91, 106


■ 75, 68, 82

■ 52, 46, 59


■ 31, 25, 37

■ 8, 0, 17

■ 0, 0, 0

 204, 195, 212


 204, 195, 212

 194, 174, 212


 214, 216, 212

 184, 153, 212

 224, 237, 212

 174, 131, 212


 234, 255, 212

 164, 110, 212

 244, 255, 212


 154, 89, 212


 254, 255, 212

 144, 68, 212

 255, 255, 212

 134, 47, 212

 124, 25, 212

 114, 4, 212

Harmonies

Analogous

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



193, 198, 216



204, 195, 212



213, 193, 205

Triad

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



204, 195, 212



212, 196, 182



177, 204, 201

Complementary

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



204, 195, 212



203, 212, 195

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.



183, 203, 192



204, 195, 212



203, 199, 181

Square

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



204, 195, 212



217, 193, 187



192, 201, 184



177, 203, 210

Rectangle

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



204, 195, 212



217, 192, 198



192, 201, 184



178, 204, 198

Sweetspot

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



204, 195, 212



253, 250, 255



195, 203, 212



126, 125, 128



0, 0, 0



128, 128, 128

Same Dimension

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



204, 195, 212



243, 230, 255



212, 195, 212



102, 96, 107



90, 0, 171



23, 0, 43

Inverse Universe

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



212, 195, 203



255, 230, 241



195, 212, 195



107, 96, 101



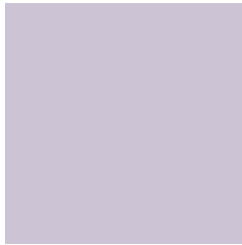
171, 0, 80



43, 0, 20

Previews

White Background



This preview shows how the RGB color 204, 195, 212 looks on a white background.

Color Contrast Check

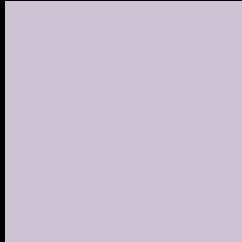
Large Text (above 18pt) WCAG AA × Fail

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, 195, 212 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

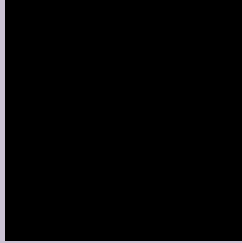
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

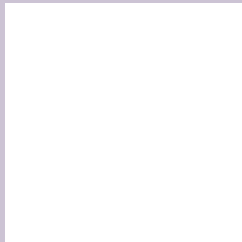
Any Text WCAG AAA ✓ Pass

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

RGB 204, 195, 212 Background



This preview shows how black text looks on a background with the RGB color 204, 195, 212.



This preview shows how white text looks on a background with the RGB color 204, 195, 212.

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](#), [195](#), [212](#)

Protanopia
[197](#), [197](#), [213](#)

Deuteranopia
[211](#), [193](#), [212](#)



Tritanopia
204, 195, 211

Trichromacy



Original Color

204, 195, 212

Protanomaly

200, 196, 213

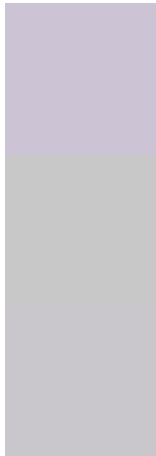
Deuteranomaly

208, 194, 212

Tritanomaly

204, 195, 211

Monochromacy



Original Color

204, 195, 212

Achromatopsia

200, 200, 200

Achromatomaly

201, 198, 204

CSS Examples

Text

The CSS property to change the color of the text to RGB 204, 195, 212 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, 195, 212) looks like.

```
.text, #text, p{  
    color:rgb(204, 195, 212)  
}
```

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, 195, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 195, 212) }
```

Border

The CSS property to change the border of an element to RGB 204, 195, 212 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, 195, 212) }
```

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

```
.border{ border-color:rgb(204, 195, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 195, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 195, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 195, 212);  
box-shadow:4px 4px 4px 4px rgb(204, 195,  
212) }
```

Background

The CSS property to change the background color of an element to RGB 204, 195, 212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 195, 212) }
```

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

```
.background{ background-color: rgb(204,  
195, 212) }
```

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