

# Converting Colors

RGB(195, 170, 194)

Have a look what the booklet for  
RGB(195, 170, 194) contains.

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# **Color**

**RGB(195, 170, 194)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C3AAC2
RGB	195, 170, 194
RGB Percent	76%, 67%, 76%
CMY	0.2353, 0.3333, 0.2392
CMYK	0.00, 0.13, 0.01, 0.24
HSL	302°, 17%, 72%
HSV	302°, 13%, 76%
XYZ	46.6180, 44.2466, 57.1223
YIQ	180.2110, 7.1960, 12.7640

# Conversions

## Conversions Part 2

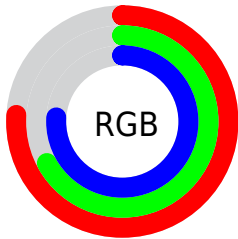
Format	Color
R <sub>Y</sub> B	195, 170, 194
Decimal	12823234
CIE Lab	72.39, 13.31, -8.90
CIE LCh	72, 16.012, 326.222
Yxy	44.2466, 0.3150, 0.2990
Android (android.graphics.Color)	4291013314 (0xFFC3AAC2)
YUV	180.2110, 6.7980, 12.9700
Hunter-Lab	66.5181, 8.6918, -4.3525

# Details

The RGB color **195, 170, 194** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **170, 195, 171**, and the grayscale version is **180, 180, 180**.

A 20% lighter version of the original color is **252, 225, 250**, and **141, 118, 140** is the 20% darker color. If you saturate the color by 10%, you get **195, 151, 193**, and if you desaturate by 10%, it is **195, 189, 195**.

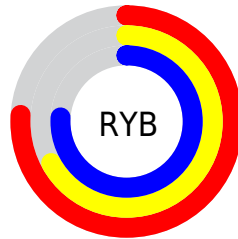
# Distribution



Red (76%)

Green (67%)

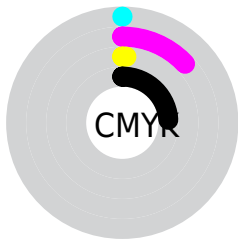
Blue (76%)



Red (76%)

Yellow (67%)

Blue (76%)

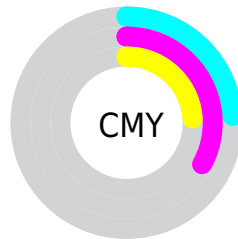


Cyan (0%)

Magenta (13%)

Yellow (1%)

Black (24%)



Cyan (24%)

Magenta (33%)

Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the RGB color 195, 170, 194 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 195, 170, 194 by changing the saturation by 10% instead.



 195, 170, 194

255, 255, 255

 252, 225, 250


255, 254, 255

 195, 170, 194

 168, 143, 167

 141, 118, 140

 116, 93, 115

 91, 69, 90

 67, 47, 67

 45, 26, 45

 26, 0, 24

 0, 0, 0

 195, 170, 194

 195, 170, 194

195, 151, 193

195, 189, 195

195, 131, 192

195, 209, 196

195, 111, 192

195, 229, 196

195, 92, 191

195, 248, 197

195, 73, 190

195, 255, 198

195, 53, 189

195, 255, 199

195, 34, 189

195, 255, 199

195, 14, 188

195, 255, 200

195, 0, 187

195, 255, 201

# Harmonies

## Analogous

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



178, 174, 204



195, 170, 194



206, 168, 180

# Triad

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



195, 170, 194



191, 176, 149



139, 186, 190

# Complementary

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



195, 170, 194



170, 195, 171

# 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.



145, 186, 175



195, 170, 194



175, 181, 151

# Square

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



195, 170, 194



203, 171, 154



158, 184, 161



144, 183, 201

# Rectangle

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



195, 170, 194



209, 168, 170



158, 184, 161



140, 186, 185



# Sweetspot

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



195, 170, 194



252, 242, 252



171, 170, 195



128, 121, 127



0, 0, 0



128, 128, 128



# Same Dimension

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



195, 170, 194



252, 215, 251



195, 170, 182



97, 87, 97



161, 0, 154



33, 0, 32



# Inverse Universe

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



195, 170, 194



252, 215, 251



170, 195, 183



97, 87, 97



161, 0, 154

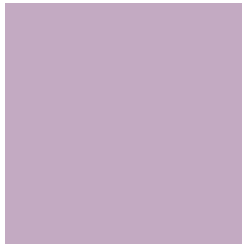


33, 0, 32



# Previews

## White Background



This preview shows how the RGB color 195, 170, 194 looks on a white background.

## Color Contrast Check

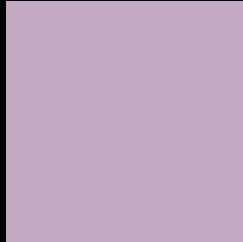
Large Text (above 18pt) WCAG AA × Fail

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 195, 170, 194 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

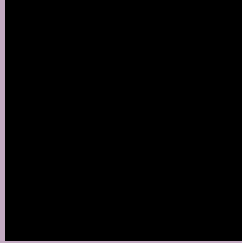
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## RGB 195, 170, 194 Background



This preview shows how black text looks on a background with the RGB color 195, 170, 194.



This preview shows how white text looks on a background with the RGB color 195, 170, 194.

# 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**  
195, 170, 194

**Protanopia**  
175, 176, 198

**Deuteranopia**  
188, 173, 193



**Tritanopia**  
194, 172, 185

# Trichromacy



**Original Color**  
195, 170, 194

**Protanomaly**  
182, 174, 197

**Deuteranomaly**  
191, 172, 193

**Tritanomaly**  
194, 171, 188

# Monochromacy



**Original Color**  
195, 170, 194

**Achromatopsia**  
180, 180, 180

**Achromatomaly**  
185, 176, 185

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 195, 170, 194 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(195, 170, 194)` looks like.

```
.text, #text, p{  
    color:rgb(195, 170, 194)  
}
```

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(195, 170, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 170, 194) }
```

## Border

The CSS property to change the border of an element to RGB 195, 170, 194 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(195, 170, 194) }
```

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

```
.border{ border-color:rgb(195, 170, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 170, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 170, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 170, 194);  
box-shadow:4px 4px 4px 4px rgb(195, 170,  
194) }
```

# Background

The CSS property to change the background color of an element to RGB 195, 170, 194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 170, 194) }
```

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

```
.background{ background-color: rgb(195,  
170, 194) }
```

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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