

# Converting Colors

RGB(225, 194, 217)

Have a look what the booklet for  
RGB(225, 194, 217) contains.

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# **Color**

**RGB(225, 194, 217)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E1C2D9
RGB	225, 194, 217
RGB Percent	88%, 76%, 85%
CMY	0.1176, 0.2392, 0.1490
CMYK	0.00, 0.14, 0.04, 0.12
HSL	315°, 34%, 82%
HSV	315°, 14%, 88%
XYZ	62.8675, 59.6009, 73.8363
YIQ	205.8910, 11.0930, 13.7250

# Conversions

## Conversions Part 2

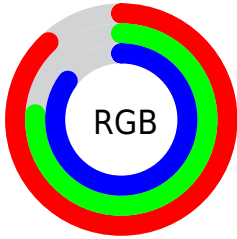
Format	Color
R <sub>Y</sub> B	225, 194, 217
Decimal	14795481
CIE Lab	81.62, 14.87, -7.40
CIE LCh	82, 16.606, 333.537
Yxy	59.6009, 0.3203, 0.3036
Android (android.graphics.Color)	4292985561 (0xFFE1C2D9)
YUV	205.8910, 5.4767, 16.7586
Hunter-Lab	77.2016, 10.2549, -2.6643

# Details

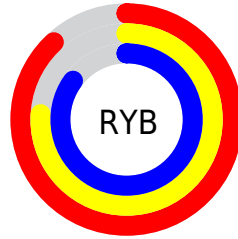
The RGB color **225, 194, 217** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **194, 225, 202**, and the grayscale version is **206, 206, 206**.

A 20% lighter version of the original color is 255, 251, 255, and **170, 140, 162** is the 20% darker color. If you saturate the color by 10%, you get **225, 172, 211**, and if you desaturate by 10%, it is **225, 217, 223**.

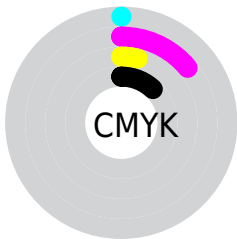
# Distribution



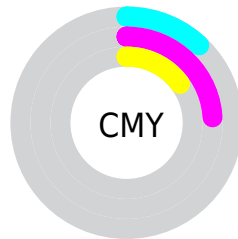
- Red (88%)
- Green (76%)
- Blue (85%)



- Red (88%)
- Yellow (76%)
- Blue (85%)



- Cyan (0%)
- Magenta (14%)
- Yellow (4%)
- Black (12%)



- Cyan (12%)
- Magenta (24%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the RGB color 225, 194, 217 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 225, 194, 217 by changing the saturation by 10% instead.





 225, 194, 217

255, 255, 255

 255, 251, 255

 225, 194, 217

 197, 167, 189

 170, 140, 162

 143, 115, 136

 117, 90, 111

 92, 66, 86

 68, 44, 63

 46, 23, 41

 27, 0, 21

 0, 0, 0

 225, 194, 217

 225, 194, 217

 225, 172, 211

 225, 217, 223

 225, 149, 205

 225, 239, 229

 225, 126, 200


 225, 255, 234

 225, 104, 194


 225, 255, 240

 225, 82, 188


 225, 255, 246

 225, 59, 182

 225, 255, 252

 225, 36, 176

 225, 255, 255

 225, 14, 171

 225, 0, 167

# Harmonies

## Analogous

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



208, 198, 229



225, 194, 217



235, 192, 201

# Triad

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



225, 194, 217



214, 202, 172



163, 211, 219

# Complementary

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



225, 194, 217



194, 225, 202

# 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.



166, 212, 204



225, 194, 217



196, 207, 177

# Square

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



225, 194, 217



228, 197, 176



179, 211, 189



171, 208, 230

# Rectangle

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



225, 194, 217



236, 193, 191



179, 211, 189



163, 212, 215



# Sweetspot

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



225, 194, 217



255, 245, 252



202, 194, 225



128, 121, 126



0, 0, 0



128, 128, 128



# Same Dimension

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



225, 194, 217



255, 212, 244



225, 194, 202



112, 101, 109



176, 0, 131



48, 0, 36



# Inverse Universe

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



225, 194, 217



255, 212, 244



194, 225, 217



112, 101, 109



176, 0, 131

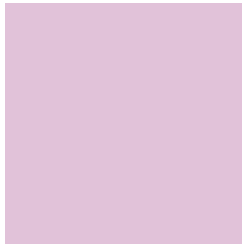


48, 0, 36



# Previews

## White Background



This preview shows how the RGB color 225, 194, 217 looks on a white background.

## Color Contrast Check

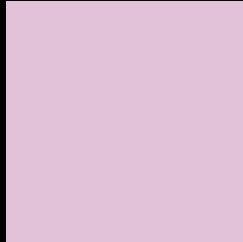
Large Text (above 18pt) WCAG AA × Fail

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 225, 194, 217 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 225, 194, 217 Background



This preview shows how black text looks on a background with the RGB color 225, 194, 217.

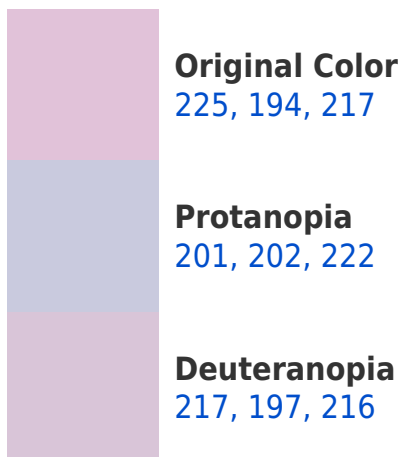



This preview shows how white text looks on a background with the RGB color 225, 194, 217.

# 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





**Tritanopia**  
224, 195, 210

# Trichromacy



**Original Color**  
225, 194, 217

**Protanomaly**  
210, 199, 220

**Deuteranomaly**  
220, 196, 216

**Tritanomaly**  
224, 195, 213

# Monochromacy



**Original Color**  
225, 194, 217

**Achromatopsia**  
206, 206, 206

**Achromatomaly**  
213, 202, 210

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 225, 194, 217 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(225, 194, 217)` looks like.

```
.text, #text, p{  
    color:rgb(225, 194, 217)  
}
```

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(225, 194, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 194, 217) }
```

## Border

The CSS property to change the border of an element to RGB 225, 194, 217 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(225, 194, 217) }
```

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

```
.border{ border-color:rgb(225, 194, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 194, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 194, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 194, 217);  
box-shadow:4px 4px 4px 4px rgb(225, 194,  
217) }
```

# Background

The CSS property to change the background color of an element to RGB 225, 194, 217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 194, 217) }
```

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

```
.background{ background-color: rgb(225,  
194, 217) }
```

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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