

# Converting Colors

RGB(231, 211, 217)

Have a look what the booklet for  
RGB(231, 211, 217) contains.

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# **Color**

**RGB(231, 211, 217)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E7D3D9
RGB	231, 211, 217
RGB Percent	91%, 83%, 85%
CMY	0.0941, 0.1725, 0.1490
CMYK	0.00, 0.09, 0.06, 0.09
HSL	342°, 29%, 87%
HSV	342°, 9%, 91%
XYZ	68.7736, 68.5872, 75.2595
YIQ	217.6640, 9.9940, 6.1060

# Conversions

## Conversions Part 2

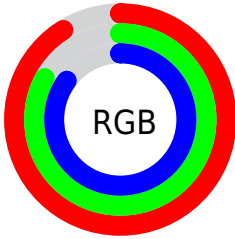
Format	Color
R <sub>Y</sub> B	231, 211, 217
Decimal	15193049
CIE Lab	86.30, 7.94, -0.46
CIE LCh	86, 7.949, 356.717
Yxy	68.5872, 0.3235, 0.3226
Android (android.graphics.Color)	4293383129 (0xFFE7D3D9)
YUV	217.6640, -0.3274, 11.6957
Hunter-Lab	82.8174, 3.3004, 4.0929

# Details

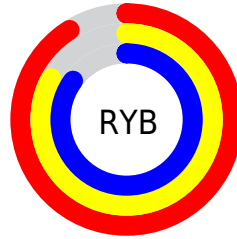
The RGB color **231, 211, 217** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **211, 231, 225**, and the grayscale version is **218, 218, 218**.

A 20% lighter version of the original color is 255, 255, 255, and **175, 156, 162** is the 20% darker color. If you saturate the color by 10%, you get **231, 188, 201**, and if you desaturate by 10%, it is **231, 234, 233**.

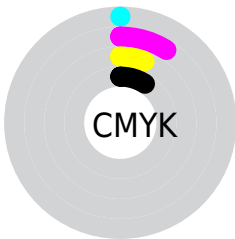
# Distribution



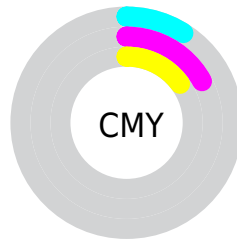
- Red (91%)
- Green (83%)
- Blue (85%)



- Red (91%)
- Yellow (83%)
- Blue (85%)



- Cyan (0%)
- Magenta (9%)
- Yellow (6%)
- Black (9%)



- Cyan (9%)
- Magenta (17%)
- Yellow (15%)

# Brightness & Saturation Gradients


These gradients show how the RGB color 231, 211, 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 231, 211, 217 by changing the saturation by 10% instead.




 231, 211, 217

255, 255, 255

 231, 211, 217


 203, 183, 189


 175, 156, 162


 149, 130, 136

 123, 105, 111

 98, 81, 86


 74, 58, 63


 51, 36, 41


 30, 16, 21


 0, 0, 0

 231, 211, 217


 231, 211, 217

 231, 188, 201


 231, 234, 233


 231, 165, 185


 231, 255, 249


 231, 142, 168


 231, 255, 255


 231, 119, 152

 231, 95, 136

 231, 72, 120

 231, 49, 104

 231, 26, 88

 231, 3, 71

# Harmonies

## Analogous

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



225, 212, 224



231, 211, 217



233, 211, 209

# Triad

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



231, 211, 217



215, 218, 202



200, 219, 228

# Complementary

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



231, 211, 217



211, 231, 225

# 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.



198, 220, 222



231, 211, 217



206, 219, 207

# Square

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



231, 211, 217



223, 215, 201



200, 220, 215



207, 217, 231

# Rectangle

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



231, 211, 217



231, 212, 205



200, 220, 215



199, 220, 227



# Sweetspot

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



231, 211, 217



255, 247, 250



225, 211, 231



128, 122, 124



0, 0, 0



128, 128, 128



# Same Dimension

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



231, 211, 217



255, 230, 237



231, 215, 211



115, 103, 107



179, 0, 54



51, 0, 15



# Inverse Universe

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



231, 211, 217



255, 230, 237



211, 227, 231



115, 103, 107



179, 0, 54

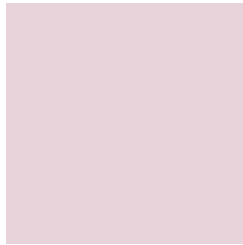


51, 0, 15



# Previews

## White Background



This preview shows how the RGB color 231, 211, 217 looks on a white background.

## Color Contrast Check

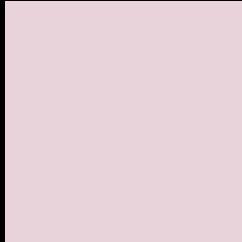
Large Text (above 18pt) WCAG AA × Fail

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 231, 211, 217 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

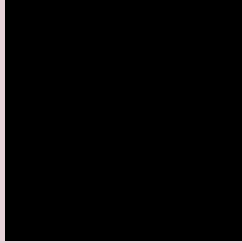
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

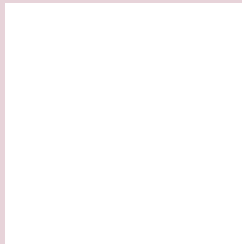
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## RGB 231, 211, 217 Background



This preview shows how black text looks on a background with the RGB color 231, 211, 217.



This preview shows how white text looks on a background with the RGB color 231, 211, 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

	<b>Original Color</b> 231, 211, 217
	<b>Protanopia</b> 219, 215, 219
	<b>Deuteranopia</b> 236, 209, 217



**Tritanopia**  
232, 210, 226

# Trichromacy



**Original Color**

231, 211, 217

**Protanomaly**

223, 214, 218

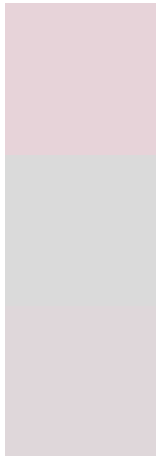
**Deuteranomaly**

234, 210, 217

**Tritanomaly**

232, 210, 223

# Monochromacy



**Original Color**

231, 211, 217

**Achromatopsia**

218, 218, 218

**Achromatomaly**

223, 215, 218

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 231, 211, 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(231, 211, 217) looks like.

```
.text, #text, p{  
    color:rgb(231, 211, 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(231, 211, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 211, 217) }
```

## Border

The CSS property to change the border of an element to RGB 231, 211, 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(231, 211, 217) }
```

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

```
.border{ border-color:rgb(231, 211, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 211, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 211, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 211, 217);  
box-shadow:4px 4px 4px 4px rgb(231, 211,  
217) }
```

# Background

The CSS property to change the background color of an element to RGB 231, 211, 217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 211, 217) }
```

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

```
.background{ background-color: rgb(231,  
211, 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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