

Converting Colors

RGB(237, 196, 217)

Have a look what the booklet for
RGB(237, 196, 217) contains.

RGB(237, 196, 217)	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(237, 196, 217)

Conversions

Conversions Part 1

Format	Color
Hex	EDC4D9
RGB	237, 196, 217
RGB Percent	93%, 77%, 85%
CMY	0.0706, 0.2314, 0.1490
CMYK	0.00, 0.17, 0.08, 0.07
HSL	329°, 53%, 85%
HSV	329°, 17%, 93%
XYZ	67.1894, 62.4941, 74.1670
YIQ	210.6530, 17.6950, 15.2230

Conversions

Conversions Part 2

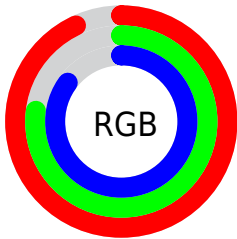
Format	Color
R _Y B	237, 196, 217
Decimal	15582425
CIE Lab	83.18, 17.93, -4.98
CIE LCh	83, 18.606, 344.472
Yxy	62.4941, 0.3296, 0.3066
Android (android.graphics.Color)	4293772505 (0xFFEDC4D9)
YUV	210.6530, 3.1291, 23.1063
Hunter-Lab	79.0532, 13.3686, -0.2880

Details

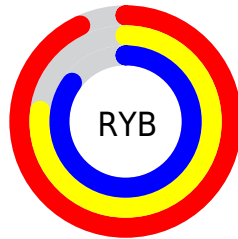
The RGB color **237, 196, 217** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **196, 237, 216**, and the grayscale version is **211, 211, 211**.

A 20% lighter version of the original color is 255, 253, 255, and **181, 142, 162** is the 20% darker color. If you saturate the color by 10%, you get **237, 172, 205**, and if you desaturate by 10%, it is **237, 220, 229**.

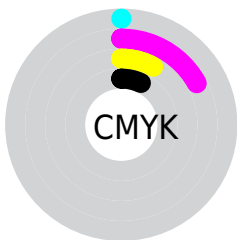
Distribution



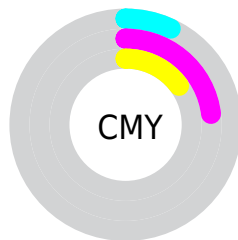
- Red (93%)
- Green (77%)
- Blue (85%)



- Red (93%)
- Yellow (77%)
- Blue (85%)



- Cyan (0%)
- Magenta (17%)
- Yellow (8%)
- Black (7%)



- Cyan (7%)
- Magenta (23%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the RGB color 237, 196, 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 237, 196, 217 by changing the saturation by 10% instead.


 237, 196, 217


255, 255, 255

 255, 253, 255

 237, 196, 217

 209, 169, 189

 181, 142, 162

 154, 116, 136

 128, 92, 111

 102, 68, 86

 78, 45, 63

 54, 24, 41

 34, 0, 21

 0, 0, 0

■ 237, 196, 217

■ 237, 196, 217

■ 237, 172, 205

■ 237, 220, 229

■ 237, 149, 194

■ 237, 243, 240

■ 237, 125, 182

■ 237, 255, 252

■ 237, 101, 171

■ 237, 255, 255

■ 237, 78, 159

■ 237, 54, 148

■ 237, 30, 136

■ 237, 6, 125

■ 237, 0, 121

Harmonies

Analogous

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



221, 200, 232



237, 196, 217



244, 195, 199

Triad

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



237, 196, 217



212, 209, 173



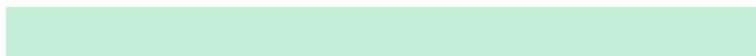
163, 216, 231

Complementary

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



237, 196, 217



196, 237, 216

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.



162, 217, 215



237, 196, 217



192, 214, 182

Square

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



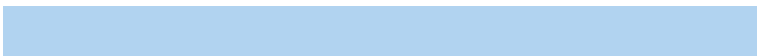
237, 196, 217



230, 203, 174



174, 217, 197



177, 211, 240

Rectangle

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



237, 196, 217



243, 197, 188



174, 217, 197



161, 217, 226

Sweetspot

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



237, 196, 217



255, 242, 249



216, 196, 237



128, 120, 124



0, 0, 0



128, 128, 128

Same Dimension

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



237, 196, 217



255, 201, 229



237, 196, 197



117, 106, 112



181, 0, 93



54, 0, 27

Inverse Universe

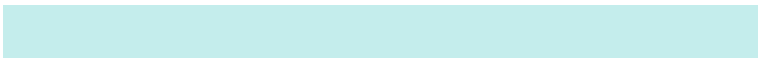
The Inverse Universe completely reimagines the original color for something new.



237, 196, 217



255, 201, 229



196, 237, 236



117, 106, 112



181, 0, 93



54, 0, 27

Previews

White Background



This preview shows how the RGB color 237, 196, 217 looks on a white background.

Color Contrast Check

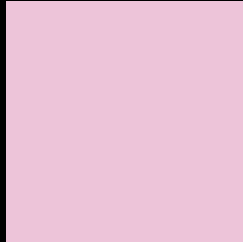
Large Text (above 18pt) WCAG AA × Fail

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 237, 196, 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 237, 196, 217 Background



This preview shows how black text looks on a background with the RGB color 237, 196, 217.



This preview shows how white text looks on a background with the RGB color 237, 196, 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



Original Color
237, 196, 217

Protanopia
207, 206, 223

Deuteranopia
224, 201, 216



Tritanopia
236, 197, 212

Trichromacy



Original Color
237, 196, 217

Protanomaly
218, 202, 221

Deuteranomaly
229, 199, 216

Tritanomaly
236, 197, 214

Monochromacy



Original Color
237, 196, 217

Achromatopsia
211, 211, 211

Achromatomaly
220, 206, 213

CSS Examples

Text

The CSS property to change the color of the text to RGB 237, 196, 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(237, 196, 217)` looks like.

```
.text, #text, p{  
    color:rgb(237, 196, 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(237, 196, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 196, 217) }
```

Border

The CSS property to change the border of an element to RGB 237, 196, 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(237, 196, 217) }
```

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

```
.border{ border-color:rgb(237, 196, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 196, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 196, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 196, 217);  
box-shadow:4px 4px 4px 4px rgb(237, 196,  
217) }
```

Background

The CSS property to change the background color of an element to RGB 237, 196, 217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 196, 217) }
```

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

```
.background{ background-color: rgb(237,  
196, 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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