

Converting Colors

RGB(237, 204, 226)

Have a look what the booklet for
RGB(237, 204, 226) contains.

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Color

RGB(237, 204, 226)

Conversions

Conversions Part 1

Format	Color
Hex	EDCCE2
RGB	237, 204, 226
RGB Percent	93%, 80%, 89%
CMY	0.0706, 0.2000, 0.1137
CMYK	0.00, 0.14, 0.05, 0.07
HSL	320°, 48%, 86%
HSV	320°, 14%, 93%
XYZ	70.2454, 66.6812, 81.1199
YIQ	216.3750, 12.6060, 13.8380

Conversions

Conversions Part 2

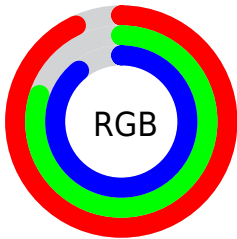
Format	Color
R _{YB}	237, 204, 226
Decimal	15584482
CIE Lab	85.34, 15.24, -6.58
CIE LCh	85, 16.598, 336.645
Yxy	66.6812, 0.3222, 0.3058
Android (android.graphics.Color)	4293774562 (0xFFEDCCE2)
YUV	216.3750, 4.7451, 18.0881
Hunter-Lab	81.6586, 10.6490, -1.7379

Details

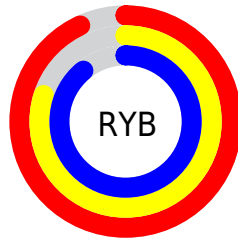
The RGB color **237, 204, 226** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **204, 237, 215**, and the grayscale version is **216, 216, 216**.

A 20% lighter version of the original color is 255, 255, 255, and **181, 150, 171** is the 20% darker color. If you saturate the color by 10%, you get **237, 180, 218**, and if you desaturate by 10%, it is **237, 228, 234**.

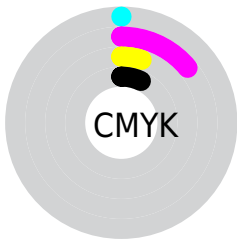
Distribution



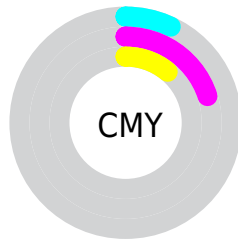
- Red (93%)
- Green (80%)
- Blue (89%)



- Red (93%)
- Yellow (80%)
- Blue (89%)



- Cyan (0%)
- Magenta (14%)
- Yellow (5%)
- Black (7%)



- Cyan (7%)
- Magenta (20%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the RGB color 237, 204, 226 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, 204, 226 by changing the saturation by 10% instead.

■ 237, 204, 226

255, 255, 255

■ 237, 204, 226

■ 209, 177, 198

■ 181, 150, 171

■ 154, 124, 144

■ 128, 99, 119

■ 103, 75, 94

■ 78, 52, 70

■ 55, 30, 48

■ 34, 8, 27

■ 0, 0, 0

237, 204, 226

237, 204, 226

237, 180, 218

237, 228, 234

237, 157, 210

237, 251, 242

237, 133, 202

237, 255, 250

237, 109, 194

237, 255, 255

237, 86, 186

237, 62, 179

237, 38, 171

237, 14, 163

237, 0, 158

Harmonies

Analogous

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



221, 208, 238



237, 204, 226



246, 202, 210

Triad

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



237, 204, 226



222, 213, 182



173, 222, 231

Complementary

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



237, 204, 226



204, 237, 215

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.



175, 223, 216



237, 204, 226



204, 218, 188

Square

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



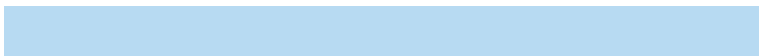
237, 204, 226



237, 208, 185



187, 221, 200



183, 218, 242

Rectangle

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



237, 204, 226



247, 203, 200



187, 221, 200



173, 222, 227

Sweetspot

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



237, 204, 226



255, 245, 252



215, 204, 237



128, 121, 125



0, 0, 0



128, 128, 128

Same Dimension

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



237, 204, 226



255, 212, 241



237, 204, 210



117, 106, 113



181, 0, 121



54, 0, 36

Inverse Universe

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



237, 204, 226



255, 212, 241



204, 237, 231



117, 106, 113



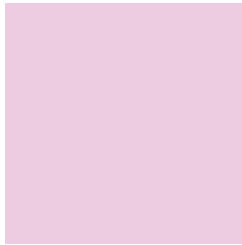
181, 0, 121



54, 0, 36

Previews

White Background



This preview shows how the RGB color 237, 204, 226 looks on a white background.

Color Contrast Check

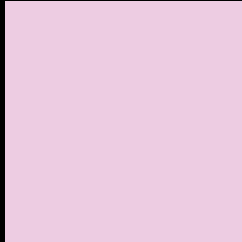
Large Text (above 18pt) WCAG AA × Fail

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, 204, 226 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, 204, 226 Background



This preview shows how black text looks on a background with the RGB color 237, 204, 226.

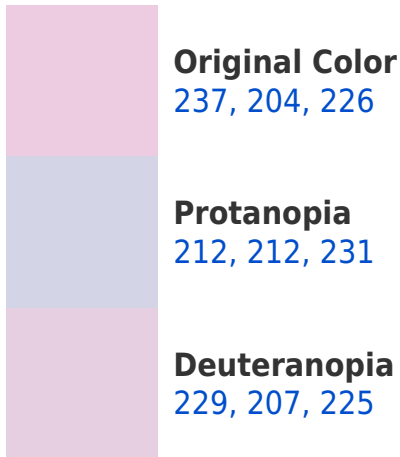


This preview shows how white text looks on a background with the RGB color 237, 204, 226.

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
236, 205, 221

Trichromacy



Original Color
237, 204, 226

Protanomaly
221, 209, 229

Deuteranomaly
232, 206, 225

Tritanomaly
236, 205, 223

Monochromacy



Original Color
237, 204, 226

Achromatopsia
216, 216, 216

Achromatomaly
224, 212, 220

CSS Examples

Text

The CSS property to change the color of the text to RGB 237, 204, 226 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, 204, 226) looks like.

```
.text, #text, p{  
    color:rgb(237, 204, 226)  
}
```

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, 204, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 204, 226) }
```

Border

The CSS property to change the border of an element to RGB 237, 204, 226 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, 204, 226) }
```

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

```
.border{ border-color:rgb(237, 204, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 204, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 204, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 204, 226);  
box-shadow:4px 4px 4px 4px rgb(237, 204,  
226) }
```

Background

The CSS property to change the background color of an element to RGB 237, 204, 226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 204, 226) }
```

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

```
.background{ background-color: rgb(237,  
204, 226) }
```

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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