

Converting Colors

RGB(237, 204, 219)

Have a look what the booklet for
RGB(237, 204, 219) contains.

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Color

RGB(237, 204, 219)

Conversions

Conversions Part 1

Format	Color
Hex	EDCCDB
RGB	237, 204, 219
RGB Percent	93%, 80%, 86%
CMY	0.0706, 0.2000, 0.1412
CMYK	0.00, 0.14, 0.08, 0.07
HSL	333°, 48%, 86%
HSV	333°, 14%, 93%
XYZ	69.3041, 66.3047, 76.1632
YIQ	215.5770, 14.8530, 11.6610

Conversions

Conversions Part 2

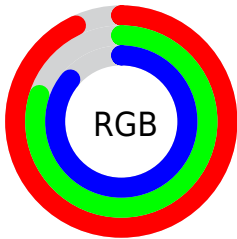
Format	Color
R _Y B	237, 204, 219
Decimal	15584475
CIE Lab	85.15, 14.03, -3.14
CIE LCh	85, 14.381, 347.393
Yxy	66.3047, 0.3273, 0.3131
Android (android.graphics.Color)	4293774555 (0xFFEDCCDB)
YUV	215.5770, 1.6875, 18.7880
Hunter-Lab	81.4277, 9.4250, 1.5427

Details

The RGB color **237, 204, 219** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **204, 237, 222**, and the grayscale version is **216, 216, 216**.

A 20% lighter version of the original color is 255, 255, 255, and **181, 150, 164** is the 20% darker color. If you saturate the color by 10%, you get **237, 180, 206**, and if you desaturate by 10%, it is **237, 228, 232**.

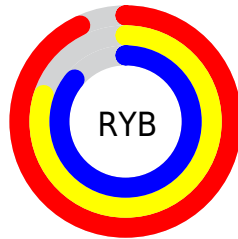
Distribution



Red (93%)

Green (80%)

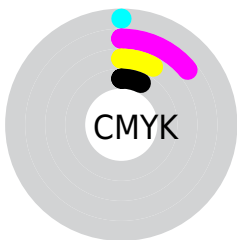
Blue (86%)



Red (93%)

Yellow (80%)

Blue (86%)

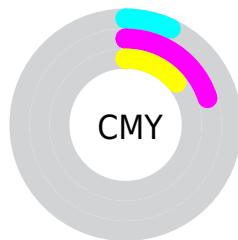


Cyan (0%)

Magenta (14%)

Yellow (8%)

Black (7%)



Cyan (7%)

Magenta (20%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the RGB color 237, 204, 219 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, 219 by changing the saturation by 10% instead.

■ 237, 204, 219

255, 255, 255

■ 237, 204, 219

■ 209, 177, 191

■ 181, 150, 164

■ 154, 124, 138

■ 128, 99, 112

■ 103, 75, 88

■ 78, 52, 65

■ 55, 30, 43

■ 34, 8, 22

■ 0, 0, 0

■ 237, 204, 219

■ 237, 204, 219

■ 237, 180, 206

■ 237, 228, 232

■ 237, 157, 193

■ 237, 251, 245

■ 237, 133, 180

■ 237, 255, 255

■ 237, 109, 167

■ 237, 86, 154

■ 237, 62, 141

■ 237, 38, 129

■ 237, 14, 116

■ 237, 0, 108

Harmonies

Analogous

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



225, 207, 231



237, 204, 219



242, 204, 205

Triad

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



237, 204, 219



215, 214, 187



181, 219, 232

Complementary

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



237, 204, 219



204, 237, 222

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.



179, 221, 220



237, 204, 219



200, 218, 194

Square

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



237, 204, 219



230, 210, 186



186, 220, 206



192, 216, 239

Rectangle

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



237, 204, 219



241, 205, 197



186, 220, 206



179, 220, 229

Sweetspot

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



237, 204, 219



255, 245, 249



222, 204, 237



128, 121, 124



0, 0, 0



128, 128, 128

Same Dimension

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



237, 204, 219



255, 212, 231



237, 205, 204



117, 106, 111



181, 0, 82



54, 0, 24

Inverse Universe

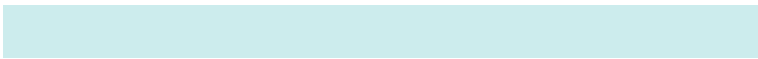
The Inverse Universe completely reimagines the original color for something new.



237, 204, 219



255, 212, 231



204, 236, 237



117, 106, 111



181, 0, 82



54, 0, 24

Previews

White Background



This preview shows how the RGB color 237, 204, 219 looks on a white background.

Color Contrast Check

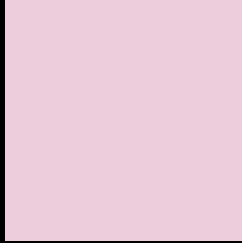
Large Text (above 18pt) WCAG AA × Fail

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, 219 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, 219 Background



This preview shows how black text looks on a background with the RGB color 237, 204, 219.

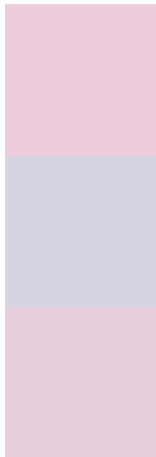


This preview shows how white text looks on a background with the RGB color 237, 204, 219.

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, 204, 219

Protanopia
214, 212, 224

Deuteranopia
231, 206, 219



Tritanopia
237, 204, 220

Trichromacy



Original Color

237, 204, 219

Protanomaly

222, 209, 222

Deuteranomaly

233, 205, 219

Tritanomaly

237, 204, 220

Monochromacy



Original Color

237, 204, 219

Achromatopsia

216, 216, 216

Achromatomaly

224, 212, 217

CSS Examples

Text

The CSS property to change the color of the text to RGB 237, 204, 219 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, 219)` looks like.

```
.text, #text, p{  
    color:rgb(237, 204, 219)  
}
```

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, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 204, 219) }
```

Border

The CSS property to change the border of an element to RGB 237, 204, 219 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, 219) }
```

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

```
.border{ border-color:rgb(237, 204, 219) }
```

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, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 204, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 204, 219);  
box-shadow:4px 4px 4px 4px rgb(237, 204,  
219) }
```

Background

The CSS property to change the background color of an element to RGB 237, 204, 219 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, 219) }
```

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

```
.background{ background-color: rgb(237,  
204, 219) }
```

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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