

Converting Colors

RGB(236, 201, 227)

Have a look what the booklet for
RGB(236, 201, 227) contains.

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Color

RGB(236, 201, 227)

Conversions

Conversions Part 1

Format	Color
Hex	ECC9E3
RGB	236, 201, 227
RGB Percent	93%, 79%, 89%
CMY	0.0745, 0.2118, 0.1098
CMYK	0.00, 0.15, 0.04, 0.07
HSL	315°, 48%, 86%
HSV	315°, 15%, 93%
XYZ	69.3438, 65.1522, 81.5939
YIQ	214.4290, 12.5140, 15.5060

Conversions

Conversions Part 2

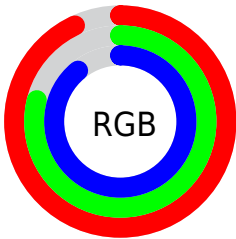
Format	Color
R _Y B	236, 201, 227
Decimal	15518179
CIE Lab	84.56, 16.66, -8.28
CIE LCh	85, 18.604, 333.578
Yxy	65.1522, 0.3209, 0.3015
Android (android.graphics.Color)	4293708259 (0xFFECC9E3)
YUV	214.4290, 6.1975, 18.9178
Hunter-Lab	80.7169, 12.0946, -3.4323

Details

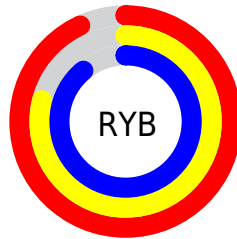
The RGB color **236, 201, 227** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **201, 236, 210**, and the grayscale version is **214, 214, 214**.

A 20% lighter version of the original color is 255, 255, 255, and **180, 147, 172** is the 20% darker color. If you saturate the color by 10%, you get **236, 177, 221**, and if you desaturate by 10%, it is **236, 225, 233**.

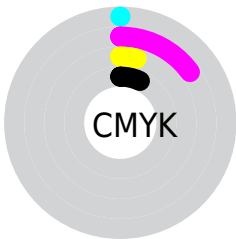
Distribution



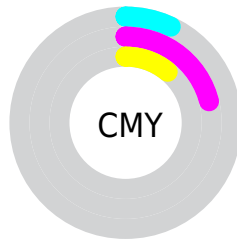
- Red (93%)
- Green (79%)
- Blue (89%)



- Red (93%)
- Yellow (79%)
- Blue (89%)



- Cyan (0%)
- Magenta (15%)
- Yellow (4%)
- Black (7%)



- Cyan (7%)
- Magenta (21%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the RGB color 236, 201, 227 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 236, 201, 227 by changing the saturation by 10% instead.

 236, 201, 227

 236, 201, 227

255, 255, 255

 208, 174, 199

 180, 147, 172

 153, 121, 145

 127, 96, 119

 102, 72, 95

 77, 49, 71


 54, 28, 49

 33, 4, 28

 0, 0, 0

 236, 201, 227

 236, 201, 227

 236, 177, 221

 236, 225, 233

 236, 154, 215


 236, 248, 239

 236, 130, 209


 236, 255, 245

 236, 107, 203


 236, 255, 251

 236, 83, 197

 236, 255, 255

 236, 59, 191

 236, 36, 185

 236, 12, 178

 236, 0, 175

Harmonies

Analogous

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



217, 206, 240



236, 201, 227



247, 199, 210

Triad

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



236, 201, 227



223, 210, 176



165, 220, 230

Complementary

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



236, 201, 227



201, 236, 210

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.



169, 221, 213



236, 201, 227



203, 216, 182

Square

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



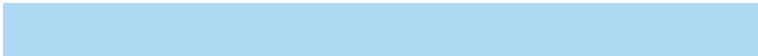
236, 201, 227



239, 205, 180



184, 220, 195



175, 217, 242

Rectangle

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



236, 201, 227



248, 199, 198



184, 220, 195



165, 221, 224

Sweetspot

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



236, 201, 227



255, 245, 252



210, 201, 236



128, 121, 126



0, 0, 0



128, 128, 128

Same Dimension

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



236, 201, 227



255, 209, 243



236, 201, 210



117, 106, 114



181, 0, 134



54, 0, 40

Inverse Universe

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



236, 201, 227



255, 209, 243



201, 236, 227



117, 106, 114



181, 0, 134



54, 0, 40

Previews

White Background



This preview shows how the RGB color 236, 201, 227 looks on a white background.

Color Contrast Check

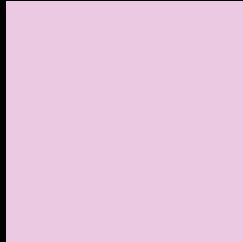
Large Text (above 18pt) WCAG AA × Fail

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 236, 201, 227 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

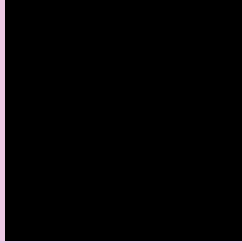
Any Text WCAG AA ✓ Pass

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 236, 201, 227 Background



This preview shows how black text looks on a background with the RGB color 236, 201, 227.



This preview shows how white text looks on a background with the RGB color 236, 201, 227.

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
236, 201, 227

Protanopia
209, 210, 232

Deuteranopia
225, 205, 226



Tritanopia
235, 202, 218

Trichromacy



Original Color
236, 201, 227

Protanomaly
219, 207, 230

Deuteranomaly
229, 204, 226

Tritanomaly
235, 202, 221

Monochromacy



Original Color
236, 201, 227

Achromatopsia
214, 214, 214

Achromatomaly
222, 209, 219

CSS Examples

Text

The CSS property to change the color of the text to RGB 236, 201, 227 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(236, 201, 227)` looks like.

```
.text, #text, p{  
    color:rgb(236, 201, 227)  
}
```

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(236, 201, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 201, 227) }
```

Border

The CSS property to change the border of an element to RGB 236, 201, 227 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(236, 201, 227) }
```

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

```
.border{ border-color:rgb(236, 201, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 201, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(236, 201, 227); -webkit-box-shadow:4px 4px 4px 4px rgb(236, 201, 227); box-shadow:4px 4px 4px 4px rgb(236, 201, 227) }
```

Background

The CSS property to change the background color of an element to RGB 236, 201, 227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 201, 227) }
```

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

```
.background{ background-color: rgb(236,  
201, 227) }
```

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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