

Converting Colors

RGB(236, 206, 231)

Have a look what the booklet for
RGB(236, 206, 231) contains.

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Color

RGB(236, 206, 231)

Conversions

Conversions Part 1

Format	Color
Hex	ECCEE7
RGB	236, 206, 231
RGB Percent	93%, 81%, 91%
CMY	0.0745, 0.1922, 0.0941
CMYK	0.00, 0.13, 0.02, 0.07
HSL	310°, 44%, 87%
HSV	310°, 13%, 93%
XYZ	71.0872, 67.7450, 84.9307
YIQ	217.8200, 9.8550, 14.1350

Conversions

Conversions Part 2

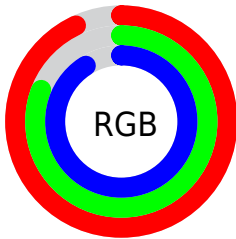
Format	Color
R _Y B	236, 206, 231
Decimal	15519463
CIE Lab	85.88, 14.73, -8.45
CIE LCh	86, 16.979, 330.148
Yxy	67.7450, 0.3177, 0.3028
Android (android.graphics.Color)	4293709543 (0xFFECCEE7)
YUV	217.8200, 6.4977, 15.9439
Hunter-Lab	82.3074, 10.1289, -3.5646

Details

The RGB color **236, 206, 231** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **206, 236, 211**, and the grayscale version is **218, 218, 218**.

A 20% lighter version of the original color is 255, 255, 255, and **180, 152, 175** is the 20% darker color. If you saturate the color by 10%, you get **236, 182, 227**, and if you desaturate by 10%, it is **236, 230, 235**.

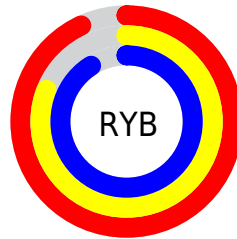
Distribution



Red (93%)

Green (81%)

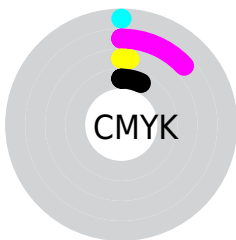
Blue (91%)



Red (93%)

Yellow (81%)

Blue (91%)

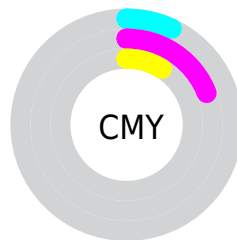


Cyan (0%)

Magenta (13%)

Yellow (2%)

Black (7%)



Cyan (7%)

Magenta (19%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the RGB color 236, 206, 231 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, 206, 231 by changing the saturation by 10% instead.

■ 236, 206, 231

255, 255, 255

■ 236, 206, 231

■ 208, 178, 203

■ 180, 152, 175

■ 153, 126, 149

■ 127, 101, 123

■ 102, 77, 98

■ 78, 54, 74


■ 55, 32, 52

■ 33, 11, 31

■ 0, 0, 3

 236, 206, 231

 236, 206, 231

 236, 182, 227


 236, 230, 235

 236, 159, 223


 236, 253, 239

 236, 135, 219


 236, 255, 243

 236, 112, 215

 236, 255, 247

 236, 88, 211


 236, 255, 251

 236, 64, 207

 236, 255, 255

 236, 41, 203

 236, 255, 255

 236, 17, 200

 236, 0, 197

Harmonies

Analogous

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



218, 211, 242



236, 206, 231



247, 204, 215

Triad

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



236, 206, 231



228, 214, 183



173, 224, 230

Complementary

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



236, 206, 231



206, 236, 211

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.



178, 224, 214



236, 206, 231



210, 219, 187

Square

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



236, 206, 231



242, 208, 187



192, 222, 198



180, 221, 242

Rectangle

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



236, 206, 231



249, 204, 204



192, 222, 198



173, 224, 225

Sweetspot

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



236, 206, 231



255, 245, 253



211, 206, 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, 206, 231



255, 217, 249



236, 206, 216



117, 106, 115



181, 0, 151



54, 0, 45

Inverse Universe

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



236, 206, 231



255, 217, 249



206, 236, 226



117, 106, 115



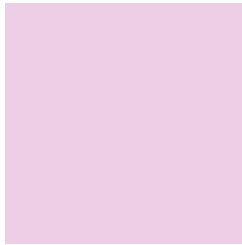
181, 0, 151



54, 0, 45

Previews

White Background



This preview shows how the RGB color 236, 206, 231 looks on a white background.

Color Contrast Check

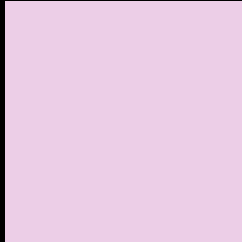
Large Text (above 18pt) WCAG AA × Fail

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, 206, 231 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, 206, 231 Background



This preview shows how black text looks on a background with the RGB color 236, 206, 231.



This preview shows how white text looks on a background with the RGB color 236, 206, 231.

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, 206, 231

Protanopia
213, 213, 236

Deuteranopia
229, 209, 230



Tritanopia
235, 207, 223

Trichromacy



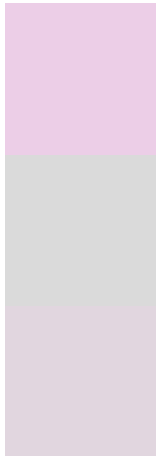
Original Color
236, 206, 231

Protanomaly
221, 210, 234

Deuteranomaly
232, 208, 230

Tritanomaly
235, 207, 226

Monochromacy



Original Color
236, 206, 231

Achromatopsia
218, 218, 218

Achromatomaly
225, 214, 223

CSS Examples

Text

The CSS property to change the color of the text to RGB 236, 206, 231 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, 206, 231)` looks like.

```
.text, #text, p{  
    color:rgb(236, 206, 231)  
}
```

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, 206, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 206, 231) }
```

Border

The CSS property to change the border of an element to RGB 236, 206, 231 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, 206, 231) }
```

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

```
.border{ border-color:rgb(236, 206, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 206, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 206, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 206, 231);  
box-shadow:4px 4px 4px 4px rgb(236, 206,  
231) }
```

Background

The CSS property to change the background color of an element to RGB 236, 206, 231 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 206, 231) }
```

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

```
.background{ background-color: rgb(236,  
206, 231) }
```

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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