

Converting Colors

RGB(255, 217, 236)

Have a look what the booklet for
RGB(255, 217, 236) contains.

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Color

RGB(255, 217, 236)

Conversions

Conversions Part 1

Format	Color
Hex	FFD9EC
RGB	255, 217, 236
RGB Percent	100%, 85%, 93%
CMY	0.0000, 0.1490, 0.0745
CMYK	0.00, 0.15, 0.07, 0.00
HSL	330°, 100%, 93%
HSV	330°, 15%, 100%
XYZ	81.1932, 76.9418, 89.9288
YIQ	230.5280, 16.5490, 13.9650

Conversions

Conversions Part 2

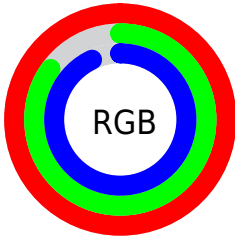
Format	Color
R _Y B	255, 217, 236
Decimal	16767468
CIE Lab	90.29, 16.25, -4.38
CIE LCh	90, 16.833, 344.916
Yxy	76.9418, 0.3273, 0.3102
Android (android.graphics.Color)	4294957548 (0xFFFFD9EC)
YUV	230.5280, 2.6977, 21.4619
Hunter-Lab	87.7165, 11.7214, 0.6162

Details

The RGB color **255, 217, 236** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **217, 255, 236**, and the grayscale version is **230, 230, 230**.

A 20% lighter version of the original color is 255, 255, 255, and **198, 162, 180** is the 20% darker color. If you saturate the color by 10%, you get **255, 192, 223**, and if you desaturate by 10%, it is 255, 243, 249.

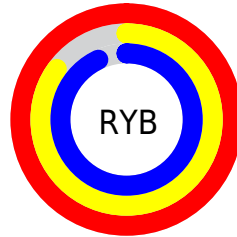
Distribution



Red (100%)

Green (85%)

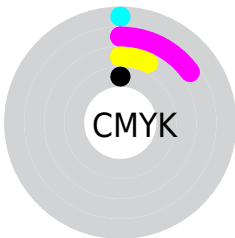
Blue (93%)



Red (100%)

Yellow (85%)

Blue (93%)

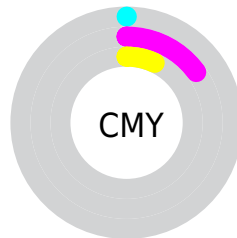


Cyan (0%)

Magenta (15%)

Yellow (7%)

Black (0%)



Cyan (0%)

Magenta (15%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the RGB color 255, 217, 236 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 255, 217, 236 by changing the saturation by 10% instead.

 255, 217, 236


255, 255, 255

 255, 217, 236

 226, 189, 208

 198, 162, 180


 171, 136, 153

 144, 110, 128

 118, 86, 102

 93, 62, 78


 69, 40, 56

 46, 19, 34

 28, 0, 12

 255, 217, 236

 255, 217, 236

 255, 192, 223

 255, 243, 249


 255, 166, 211


255, 255, 255


 255, 141, 198

 255, 115, 185

 255, 90, 172

 255, 64, 160

 255, 38, 147

 255, 13, 134

 255, 0, 128

Harmonies

Analogous

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



240, 221, 250



255, 217, 236



255, 216, 220

Triad

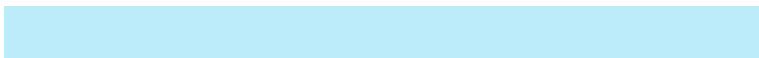
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



255, 217, 236



232, 229, 196



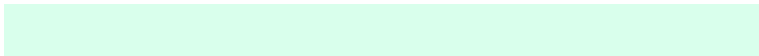
188, 235, 249

Complementary

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



255, 217, 236



217, 255, 236

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.



187, 237, 235



255, 217, 236



213, 233, 204

Square

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



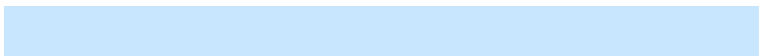
255, 217, 236



248, 223, 196



197, 236, 218



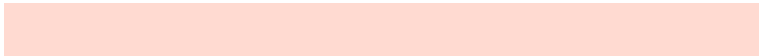
200, 231, 255

Rectangle

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



255, 217, 236



255, 218, 209



197, 236, 218



186, 236, 245

Sweetspot

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



255, 217, 236



255, 245, 250



236, 217, 255



128, 121, 124



0, 0, 0



128, 128, 128

Same Dimension

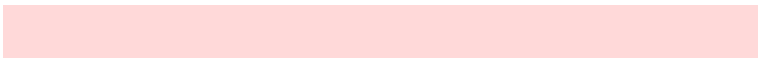
The Same Dimension uses a secret algorithm to generate beautiful new colors.



255, 217, 236



255, 209, 232



255, 217, 217



128, 115, 121



191, 0, 96



64, 0, 32

Inverse Universe

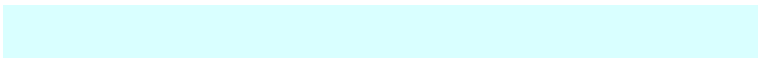
The Inverse Universe completely reimagines the original color for something new.



255, 217, 236



255, 209, 232



217, 255, 255



128, 115, 121



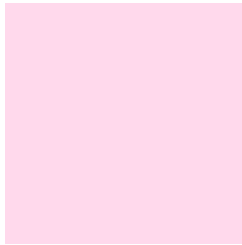
191, 0, 96



64, 0, 32

Previews

White Background



This preview shows how the RGB color 255, 217, 236 looks on a white background.

Color Contrast Check

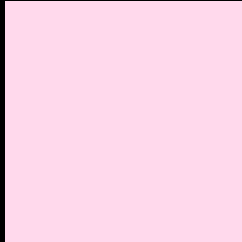
Large Text (above 18pt) WCAG AA × Fail

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 255, 217, 236 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 255, 217, 236 Background



This preview shows how black text looks on a background with the RGB color 255, 217, 236.



This preview shows how white text looks on a background with the RGB color 255, 217, 236.

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
255, 217, 236

Protanopia
227, 226, 241

Deuteranopia
246, 220, 235



Tritanopia

255, 217, 234

Trichromacy



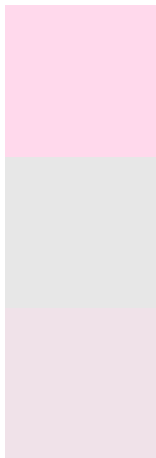
Original Color
255, 217, 236

Protanomaly
237, 223, 239

Deuteranomaly
249, 219, 235

Tritanomaly
255, 217, 235

Monochromacy



Original Color
255, 217, 236

Achromatopsia
231, 231, 231

Achromatomaly
240, 226, 233

CSS Examples

Text

The CSS property to change the color of the text to RGB 255, 217, 236 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(255, 217, 236) looks like.

```
.text, #text, p{  
    color:rgb(255, 217, 236)  
}
```

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(255, 217, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 217, 236) }
```

Border

The CSS property to change the border of an element to RGB 255, 217, 236 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(255, 217, 236) }
```

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

```
.border{ border-color:rgb(255, 217, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 217, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 217, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 217, 236);  
box-shadow:4px 4px 4px 4px rgb(255, 217,  
236) }
```

Background

The CSS property to change the background color of an element to RGB 255, 217, 236 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 217, 236) }
```

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

```
.background{ background-color: rgb(255,  
217, 236) }
```

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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