

Converting Colors

RGB(255, 231, 246)

Have a look what the booklet for
RGB(255, 231, 246) contains.

| | |
|--|----|
| RGB(255, 231, 246) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 11 |
| <i>Previews</i> | 23 |
| <i>Color Blindness Simulation</i> | 26 |
| <i>CSS Examples</i> | 29 |

Color

RGB(255, 231, 246)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | FFE7F6 |
| RGB | 255, 231, 246 |
| RGB Percent | 100%, 91%, 96% |
| CMY | 0.0000, 0.0941, 0.0353 |
| CMYK | 0.00, 0.09, 0.04, 0.00 |
| HSL | 322°, 100%, 95% |
| HSV | 322°, 9%, 100% |
| XYZ | 86.4505, 85.0656, 99.0517 |
| YIQ | 239.8860, 9.4890, 9.7530 |

Conversions

Conversions Part 2

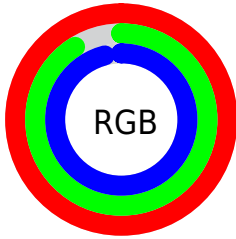
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 255, 231, 246 |
| Decimal | 16771062 |
| CIE _{Lab} | 93.91, 10.69, -4.29 |
| CIE _{LCh} | 94, 11.519, 338.149 |
| Yxy | 85.0656, 0.3195, 0.3144 |
| Android (android.graphics.Color) | 4294961142 (0xFFFFE7F6) |
| YUV | 239.8860, 3.0142, 13.2550 |
| Hunter-Lab | 92.2310, 5.9082, 0.8871 |

Details

The RGB color **255, 231, 246** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **231, 255, 240**, and the grayscale version is **240, 240, 240**.

A 20% lighter version of the original color is 255, 255, 255, and **198, 175, 190** is the 20% darker color. If you saturate the color by 10%, you get **255, 206, 236**, and if you desaturate by 10%, it is 255, 255, 255.

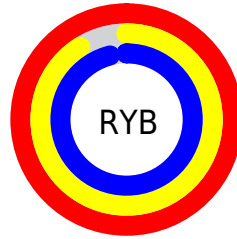
Distribution



Red (100%)

Green (91%)

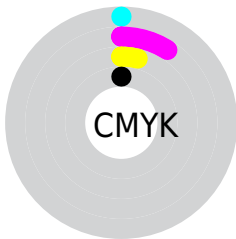
Blue (96%)



Red (100%)

Yellow (91%)

Blue (96%)

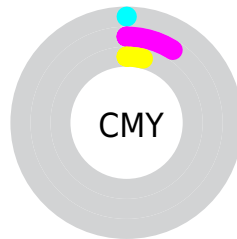


Cyan (0%)

Magenta (9%)

Yellow (4%)

Black (0%)



Cyan (0%)

Magenta (9%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the RGB color 255, 231, 246 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, 231, 246 by changing the saturation by 10% instead.


 255, 231, 246


255, 255, 255

 255, 231, 246

 226, 203, 218

 198, 175, 190

 171, 149, 163

 144, 123, 136

 119, 98, 111

 94, 74, 87

 70, 51, 63

 47, 30, 42


 28, 6, 21

 255, 231, 246


 255, 231, 246

 255, 206, 236

255, 255, 255


 255, 180, 227


 255, 155, 217

 255, 129, 208

 255, 104, 198

 255, 78, 189

 255, 53, 179

 255, 27, 170

 255, 2, 160

Harmonies

Analogous

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



244, 234, 255



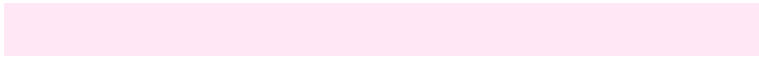
255, 231, 246



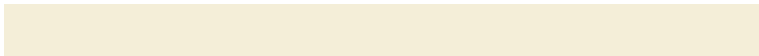
255, 230, 235

Triad

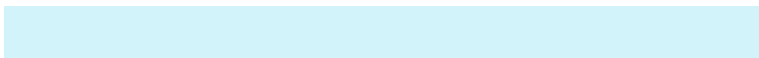
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



255, 231, 246



244, 238, 216



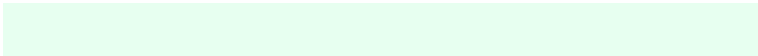
211, 243, 251

Complementary

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



255, 231, 246



231, 255, 240

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.



211, 244, 240



255, 231, 246



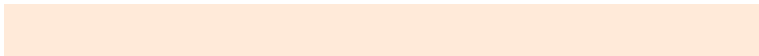
231, 241, 220

Square

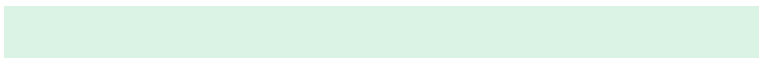
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



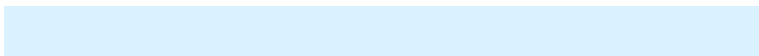
255, 231, 246



255, 234, 217



219, 243, 229



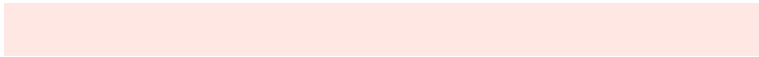
218, 241, 255

Rectangle

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



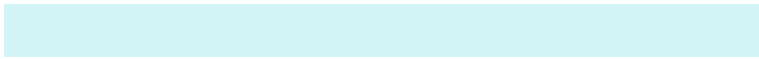
255, 231, 246



255, 231, 227



219, 243, 229



210, 244, 247

Sweetspot

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



255, 231, 246



255, 247, 252



240, 231, 255



128, 122, 126



0, 0, 0



128, 128, 128

Same Dimension

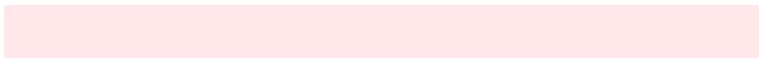
The Same Dimension uses a secret algorithm to generate beautiful new colors.



255, 231, 246



255, 227, 244



255, 231, 234



128, 115, 123



191, 0, 120



64, 0, 40

Inverse Universe

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



255, 231, 246



255, 227, 244



231, 255, 252



128, 115, 123



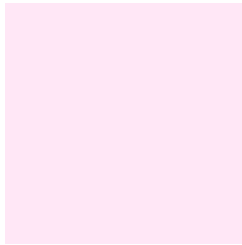
191, 0, 120



64, 0, 40

Previews

White Background



This preview shows how the RGB color 255, 231, 246 looks on a white background.

Color Contrast Check

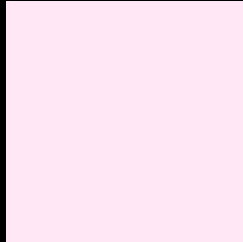
Large Text (above 18pt) WCAG AA × Fail

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, 231, 246 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

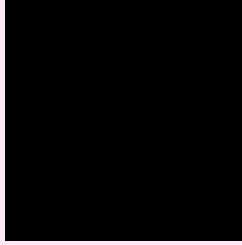
Any Text WCAG AA ✓ Pass

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, 231, 246 Background



This preview shows how black text looks on a background with the RGB color 255, 231, 246.



This preview shows how white text looks on a background with the RGB color 255, 231, 246.

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, 231, 246

Protanopia
238, 236, 249

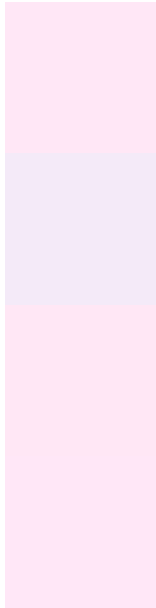
Deuteranopia
255, 231, 245



Tritanopia

255, 231, 248

Trichromacy



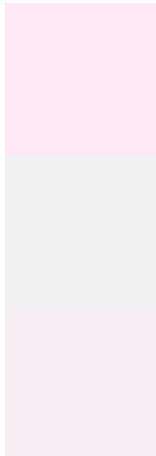
Original Color
255, 231, 246

Protanomaly
244, 234, 248

Deuteranomaly
255, 231, 245

Tritanomaly
255, 231, 247

Monochromacy



Original Color
255, 231, 246

Achromatopsia
240, 240, 240

Achromatomaly
245, 237, 242

CSS Examples

Text

The CSS property to change the color of the text to RGB 255, 231, 246 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, 231, 246)` looks like.

```
.text, #text, p{  
    color:rgb(255, 231, 246)  
}
```

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, 231, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 231, 246) }
```

Border

The CSS property to change the border of an element to RGB 255, 231, 246 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, 231, 246) }
```

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

```
.border{ border-color:rgb(255, 231, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 231, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 231, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 231, 246);  
box-shadow:4px 4px 4px 4px rgb(255, 231,  
246) }
```

Background

The CSS property to change the background color of an element to RGB 255, 231, 246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 231, 246) }
```

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

```
.background{ background-color: rgb(255,  
231, 246) }
```

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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