

Converting Colors

RGB(255, 231, 252)

Have a look what the booklet for
RGB(255, 231, 252) contains.

RGB(255, 231, 252)	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, 252)

Conversions

Conversions Part 1

Format	Color
Hex	FFE7FC
RGB	255, 231, 252
RGB Percent	100%, 91%, 99%
CMY	0.0000, 0.0941, 0.0118
CMYK	0.00, 0.09, 0.01, 0.00
HSL	308°, 100%, 95%
HSV	308°, 9%, 100%
XYZ	87.3866, 85.4401, 103.9813
YIQ	240.5700, 7.5630, 11.6190

Conversions

Conversions Part 2

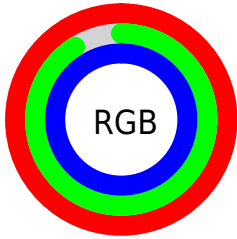
Format	Color
R _{YB}	255, 231, 252
Decimal	16771068
CIE _{Lab}	94.07, 11.74, -7.17
CIE _{LCh}	94, 13.757, 328.576
Y _{xy}	85.4401, 0.3157, 0.3087
Android (android.graphics.Color)	4294961148 (0xFFFFE7FC)
Y _{UV}	240.5700, 5.6350, 12.6551
Hunter-Lab	92.4338, 6.9941, -1.9932

Details

The RGB color **255, 231, 252** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **231, 255, 234**, and the grayscale version is **241, 241, 241**.

A 20% lighter version of the original color is 255, 255, 255, and **198, 175, 195** is the 20% darker color. If you saturate the color by 10%, you get **255, 206, 249**, and if you desaturate by 10%, it is 255, 255, 255.

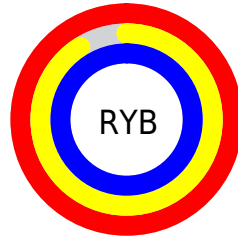
Distribution



Red (100%)

Green (91%)

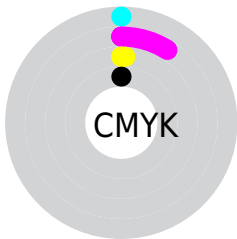
Blue (99%)



Red (100%)

Yellow (91%)

Blue (99%)

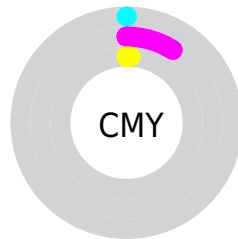


Cyan (0%)

Magenta (9%)

Yellow (1%)

Black (0%)



Cyan (0%)

Magenta (9%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the RGB color 255, 231, 252 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, 252 by changing the saturation by 10% instead.


 255, 231, 252

 255, 231, 252

255, 255, 255

 226, 203, 223

 198, 175, 195

 171, 149, 168

 144, 123, 142

 119, 98, 116

 94, 74, 92

 70, 51, 68

 47, 30, 46

 28, 6, 25

 255, 231, 252

 255, 231, 252

 255, 206, 249


255, 255, 255


 255, 180, 246


 255, 155, 242

 255, 129, 239

 255, 104, 236

 255, 78, 233

 255, 53, 230

 255, 27, 227

 255, 2, 223

Harmonies

Analogous

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



240, 235, 255



255, 231, 252



255, 229, 239

Triad

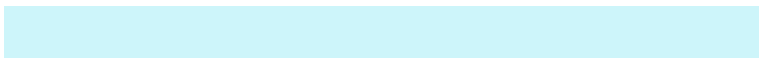
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



255, 231, 252



250, 237, 212



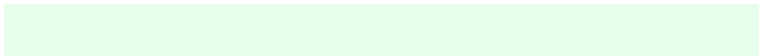
205, 245, 250

Complementary

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



255, 231, 252



231, 255, 234

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.



209, 246, 237



255, 231, 252



235, 241, 215

Square

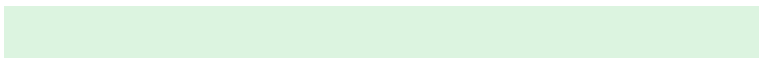
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



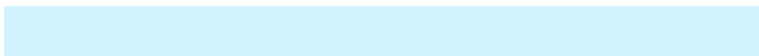
255, 231, 252



255, 233, 216



220, 244, 224



210, 243, 255

Rectangle

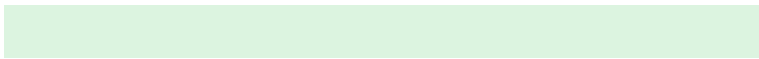
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



255, 231, 252



255, 229, 230



220, 244, 224



205, 246, 246

Sweetspot

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



255, 231, 252



255, 247, 254



234, 231, 255



128, 122, 127



0, 0, 0



128, 128, 128

Same Dimension

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



255, 231, 252



255, 227, 251



255, 231, 240



128, 115, 126



191, 0, 167



64, 0, 56

Inverse Universe

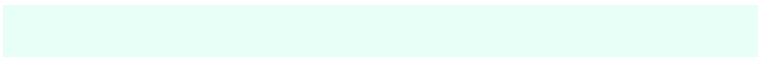
The Inverse Universe completely reimagines the original color for something new.



255, 231, 252



255, 227, 251



231, 255, 246



128, 115, 126



191, 0, 167



64, 0, 56

Previews

White Background



This preview shows how the RGB color 255, 231, 252 looks on a white background.

Color Contrast Check

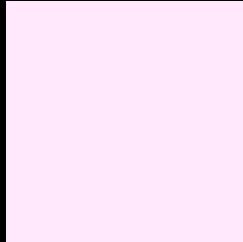
Large Text (above 18pt) WCAG AA × Fail

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, 252 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

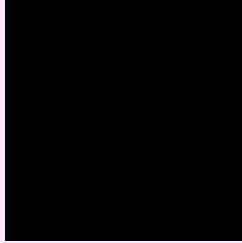
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

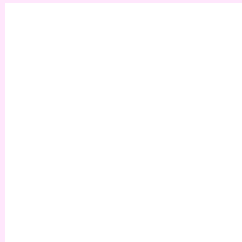
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 255, 231, 252 Background



This preview shows how black text looks on a background with the RGB color 255, 231, 252.

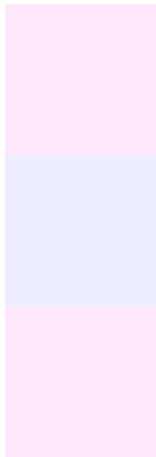


This preview shows how white text looks on a background with the RGB color 255, 231, 252.

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, 252

Protanopia
237, 237, 255

Deuteranopia
255, 231, 252



Tritanopia
255, 231, 250

Trichromacy



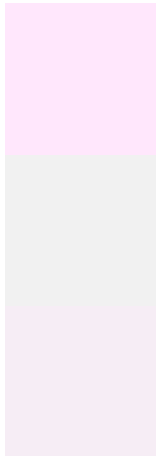
Original Color
255, 231, 252

Protanomaly
244, 235, 254

Deuteranomaly
255, 231, 252

Tritanomaly
255, 231, 251

Monochromacy



Original Color
255, 231, 252

Achromatopsia
241, 241, 241

Achromatomaly
246, 237, 245

CSS Examples

Text

The CSS property to change the color of the text to RGB 255, 231, 252 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, 252)` looks like.

```
.text, #text, p{  
    color:rgb(255, 231, 252)  
}
```

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, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 231, 252) }
```

Border

The CSS property to change the border of an element to RGB 255, 231, 252 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, 252) }
```

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

```
.border{ border-color:rgb(255, 231, 252) }
```

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, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 231, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 231, 252);  
box-shadow:4px 4px 4px 4px rgb(255, 231,  
252) }
```

Background

The CSS property to change the background color of an element to RGB 255, 231, 252 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, 252) }
```

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

```
.background{ background-color: rgb(255,  
231, 252) }
```

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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