

Converting Colors

RGB(255, 227, 252)

Have a look what the booklet for
RGB(255, 227, 252) contains.

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Color

RGB(255, 227, 252)

Conversions

Conversions Part 1

Format	Color
Hex	FFE3FC
RGB	255, 227, 252
RGB Percent	100%, 89%, 99%
CMY	0.0000, 0.1098, 0.0118
CMYK	0.00, 0.11, 0.01, 0.00
HSL	306°, 100%, 95%
HSV	306°, 11%, 100%
XYZ	86.2798, 83.2264, 103.6123
YIQ	238.2220, 8.6630, 13.7110

Conversions

Conversions Part 2

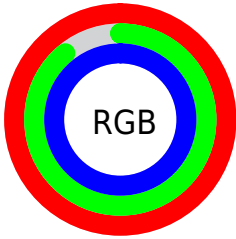
Format	Color
RYB	255, 227, 252
Decimal	16770044
CIELab	93.11, 13.81, -8.59
CIElCh	93, 16.266, 328.112
Yxy	83.2264, 0.3159, 0.3047
Android (android.graphics.Color)	4294960124 (0xFFFFE3FC)
YUV	238.2220, 6.7926, 14.7143
Hunter-Lab	91.2285, 9.1672, -3.4783

Details

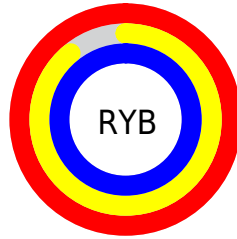
The RGB color **255, 227, 252** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **227, 255, 230**, and the grayscale version is **238, 238, 238**.

A 20% lighter version of the original color is **255, 255, 255**, and **198, 172, 195** is the 20% darker color. If you saturate the color by 10%, you get **255, 202, 249**, and if you desaturate by 10%, it is **255, 252, 255**.

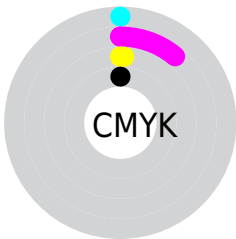
Distribution



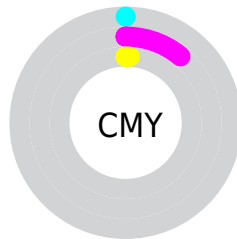
- Red (100%)
- Green (89%)
- Blue (99%)



- Red (100%)
- Yellow (89%)
- Blue (99%)



- Cyan (0%)
- Magenta (11%)
- Yellow (1%)
- Black (0%)



- Cyan (0%)
- Magenta (11%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the RGB color 255, 227, 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, 227, 252 by changing the saturation by 10% instead.

 255, 227, 252


 255, 227, 252

255, 255, 255


 226, 199, 223

 198, 172, 195

 171, 145, 168

 144, 119, 142

 118, 94, 116

 94, 71, 92

 70, 48, 68

 47, 27, 46

 28, 1, 25

 255, 227, 252

 255, 227, 252

 255, 202, 249

 255, 252, 255


 255, 176, 247

255, 255, 255


 255, 150, 244

 255, 125, 241

 255, 99, 238

 255, 74, 236

 255, 49, 233

 255, 23, 230

 255, 0, 228

Harmonies

Analogous

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



237, 232, 255



255, 227, 252



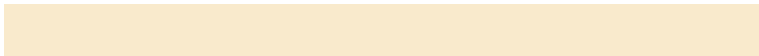
255, 225, 237

Triad

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



255, 227, 252



249, 234, 204



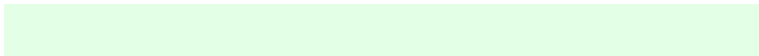
195, 244, 249

Complementary

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



255, 227, 252



227, 255, 230

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.



200, 244, 234



255, 227, 252



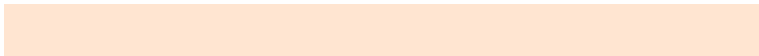
232, 239, 207

Square

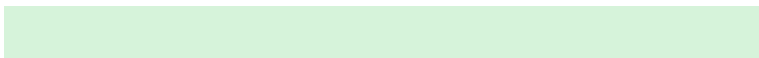
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



255, 227, 252



255, 229, 209



214, 243, 218



201, 241, 255

Rectangle

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



255, 227, 252



255, 225, 226



214, 243, 218



196, 244, 244

Sweetspot

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



255, 227, 252



255, 247, 254



230, 227, 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, 227, 252



255, 222, 251



255, 227, 238



128, 115, 126



191, 0, 171



64, 0, 57

Inverse Universe

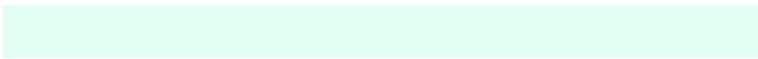
The Inverse Universe completely reimagines the original color for something new.



255, 227, 252



255, 222, 251



227, 255, 244



128, 115, 126



191, 0, 171



64, 0, 57

Previews

White Background



This preview shows how the RGB color 255, 227, 252 looks on a white background.

Color Contrast Check

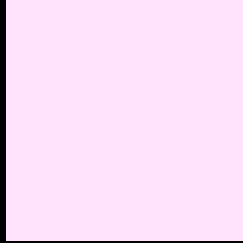
Large Text (above 18pt) WCAG AA × Fail

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, 227, 252 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

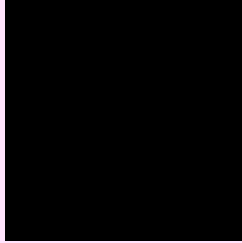
Any Text WCAG AA ✓ Pass

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, 227, 252 Background



This preview shows how black text looks on a background with the RGB color 255, 227, 252.



This preview shows how white text looks on a background with the RGB color 255, 227, 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, 227, 252

Protanopia
234, 234, 255

Deuteranopia
251, 229, 252



Tritanopia

254, 228, 246

Trichromacy



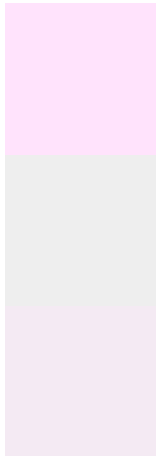
Original Color
255, 227, 252

Protanomaly
242, 231, 254

Deuteranomaly
252, 228, 252

Tritanomaly
254, 228, 248

Monochromacy



Original Color
255, 227, 252

Achromatopsia
238, 238, 238

Achromatomaly
244, 234, 243

CSS Examples

Text

The CSS property to change the color of the text to RGB 255, 227, 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, 227, 252)` looks like.

```
.text, #text, p{  
    color:rgb(255, 227, 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, 227, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 227, 252) }
```

Border

The CSS property to change the border of an element to RGB 255, 227, 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, 227, 252) }
```

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

```
.border{ border-color:rgb(255, 227, 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, 227, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 227, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 227, 252);  
box-shadow:4px 4px 4px 4px rgb(255, 227,  
252) }
```

Background

The CSS property to change the background color of an element to RGB 255, 227, 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, 227, 252) }
```

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

```
.background{ background-color: rgb(255,  
227, 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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