

Converting Colors

RGB(255, 228, 253)

Have a look what the booklet for
RGB(255, 228, 253) contains.

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Color

RGB(255, 228, 253)

Conversions

Conversions Part 1

Format	Color
Hex	FFE4FD
RGB	255, 228, 253
RGB Percent	100%, 89%, 99%
CMY	0.0000, 0.1059, 0.0078
CMYK	0.00, 0.11, 0.01, 0.00
HSL	304°, 100%, 95%
HSV	304°, 11%, 100%
XYZ	86.7130, 83.8387, 104.5407
YIQ	238.9230, 8.0670, 13.4990

Conversions

Conversions Part 2

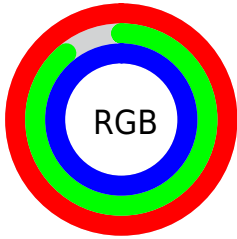
Format	Color
R _Y B	255, 228, 253
Decimal	16770301
CIE Lab	93.38, 13.47, -8.72
CIE LCh	93, 16.045, 327.087
Yxy	83.8387, 0.3152, 0.3048
Android (android.graphics.Color)	4294960381 (0xFFFFE4FD)
YUV	238.9230, 6.9400, 14.0995
Hunter-Lab	91.5635, 8.8082, -3.5987

Details

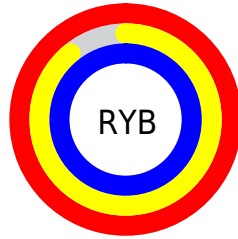
The RGB color **255, 228, 253** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **228, 255, 230**, and the grayscale version is **239, 239, 239**.

A 20% lighter version of the original color is **255, 255, 255**, and **198, 173, 196** is the 20% darker color. If you saturate the color by 10%, you get **255, 203, 251**, and if you desaturate by 10%, it is **255, 254, 255**.

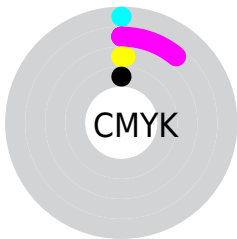
Distribution



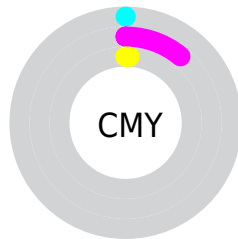
- Red (100%)
- Green (89%)
- Blue (99%)



- 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, 228, 253 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, 228, 253 by changing the saturation by 10% instead.


 255, 228, 253

 255, 228, 253

255, 255, 255


 226, 200, 224


 198, 173, 196


 171, 146, 169

 144, 120, 143

 118, 95, 117

 94, 72, 92

 70, 49, 69

 47, 28, 47

 28, 3, 26

 255, 228, 253

 255, 228, 253


 255, 203, 251

255, 254, 255


 255, 177, 249


255, 255, 255


 255, 152, 247

 255, 126, 245

 255, 101, 244

 255, 75, 242

 255, 50, 240

 255, 24, 238

 255, 0, 236

Harmonies

Analogous

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



237, 233, 255



255, 228, 253



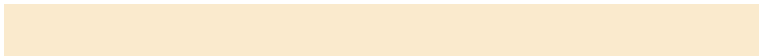
255, 226, 238

Triad

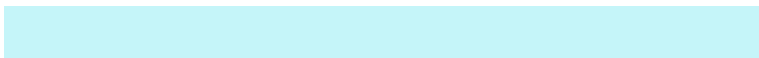
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



255, 228, 253



250, 234, 205



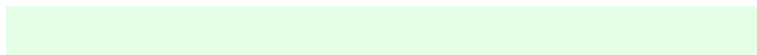
197, 245, 249

Complementary

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



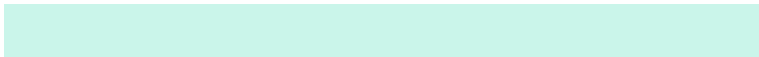
255, 228, 253



228, 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.



202, 245, 234



255, 228, 253



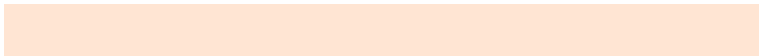
233, 239, 208

Square

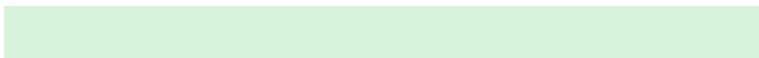
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



255, 228, 253



255, 229, 211



216, 243, 219



202, 242, 255

Rectangle

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



255, 228, 253



255, 226, 228



216, 243, 219



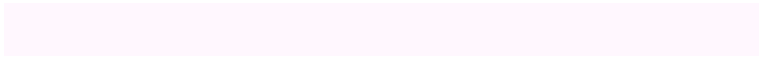
197, 245, 244

Sweetspot

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



255, 228, 253



255, 247, 254



230, 228, 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, 228, 253



255, 222, 253



255, 228, 240



128, 115, 127



191, 0, 177



64, 0, 59

Inverse Universe

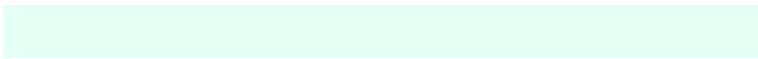
The Inverse Universe completely reimagines the original color for something new.



255, 228, 253



255, 222, 253



228, 255, 243



128, 115, 127



191, 0, 177



64, 0, 59

Previews

White Background



This preview shows how the RGB color 255, 228, 253 looks on a white background.

Color Contrast Check

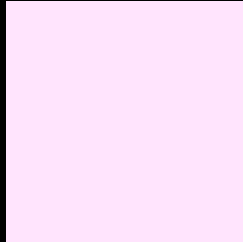
Large Text (above 18pt) WCAG AA × Fail

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, 228, 253 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

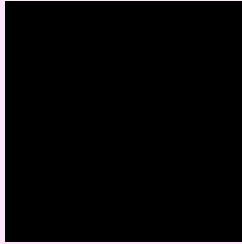
Any Text WCAG AA ✓ Pass

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, 228, 253 Background



This preview shows how black text looks on a background with the RGB color 255, 228, 253.

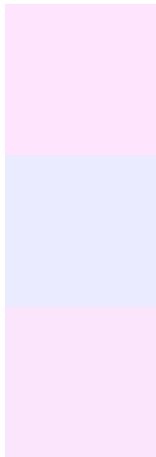


This preview shows how white text looks on a background with the RGB color 255, 228, 253.

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, 228, 253

Protanopia
234, 235, 255

Deuteranopia
251, 229, 253



Tritanopia

254, 229, 247

Trichromacy



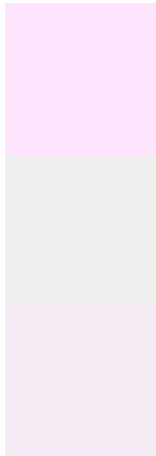
Original Color
255, 228, 253

Protanomaly
242, 232, 254

Deuteranomaly
252, 229, 253

Tritanomaly
254, 229, 249

Monochromacy



Original Color
255, 228, 253

Achromatopsia
239, 239, 239

Achromatomaly
245, 235, 244

CSS Examples

Text

The CSS property to change the color of the text to RGB 255, 228, 253 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, 228, 253)` looks like.

```
.text, #text, p{  
    color:rgb(255, 228, 253)  
}
```

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, 228, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 228, 253) }
```

Border

The CSS property to change the border of an element to RGB 255, 228, 253 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, 228, 253) }
```

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

```
.border{ border-color:rgb(255, 228, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 228, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 228, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 228, 253);  
box-shadow:4px 4px 4px 4px rgb(255, 228,  
253) }
```

Background

The CSS property to change the background color of an element to RGB 255, 228, 253 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 228, 253) }
```

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

```
.background{ background-color: rgb(255,  
228, 253) }
```

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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