

Converting Colors

RGB(255, 221, 252)

Have a look what the booklet for
RGB(255, 221, 252) contains.

RGB(255, 221, 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, 221, 252)

Conversions

Conversions Part 1

Format	Color
Hex	FFDDFC
RGB	255, 221, 252
RGB Percent	100%, 87%, 99%
CMY	0.0000, 0.1333, 0.0118
CMYK	0.00, 0.13, 0.01, 0.00
HSL	305°, 100%, 93%
HSV	305°, 13%, 100%
XYZ	84.6671, 80.0012, 103.0748
YIQ	234.7000, 10.3130, 16.8490

Conversions

Conversions Part 2

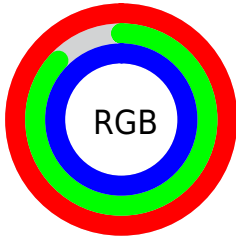
Format	Color
R _Y B	255, 221, 252
Decimal	16768508
CIE Lab	91.69, 16.93, -10.71
CIE LCh	92, 20.037, 327.675
Yxy	80.0012, 0.3162, 0.2988
Android (android.graphics.Color)	4294958588 (0xFFFFDDFC)
YUV	234.7000, 8.5289, 17.8031
Hunter-Lab	89.4434, 12.4423, -5.7156

Details

The RGB color **255, 221, 252** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **221, 255, 224**, and the grayscale version is **235, 235, 235**.

A 20% lighter version of the original color is **255, 255, 255**, and **198, 166, 195** is the 20% darker color. If you saturate the color by 10%, you get **255, 196, 250**, and if you desaturate by 10%, it is **255, 247, 254**.

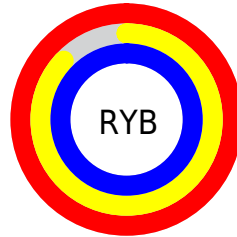
Distribution



Red (100%)

Green (87%)

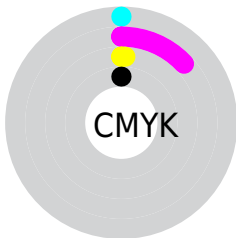
Blue (99%)



Red (100%)

Yellow (87%)

Blue (99%)

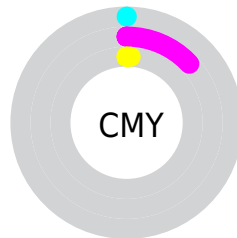


Cyan (0%)

Magenta (13%)

Yellow (1%)

Black (0%)



Cyan (0%)

Magenta (13%)

Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the RGB color 255, 221, 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, 221, 252 by changing the saturation by 10% instead.


 255, 221, 252

255, 255, 255

 255, 221, 252


 226, 193, 223

 198, 166, 195


 171, 139, 168

 144, 114, 142

 118, 89, 116

 93, 66, 92


 69, 43, 68

 47, 22, 46

 28, 0, 25

 255, 221, 252

 255, 221, 252

 255, 196, 250

 255, 247, 254


 255, 170, 248

255, 255, 255


 255, 145, 245

 255, 119, 243

 255, 94, 241

 255, 68, 239

 255, 43, 236

 255, 17, 234

 255, 0, 233

Harmonies

Analogous

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



233, 227, 255



255, 221, 252



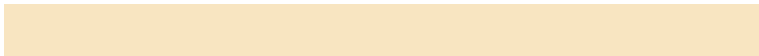
255, 218, 233

Triad

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



255, 221, 252



248, 229, 193



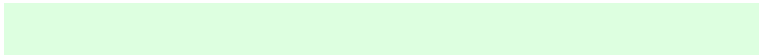
181, 242, 248

Complementary

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



255, 221, 252



221, 255, 224

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.



188, 242, 229



255, 221, 252



227, 235, 197

Square

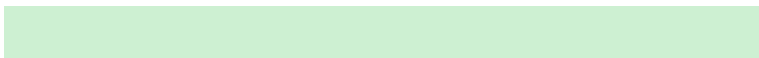
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



255, 221, 252



255, 223, 199



205, 240, 210



188, 239, 255

Rectangle

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



255, 221, 252



255, 218, 220



205, 240, 210



181, 242, 242

Sweetspot

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



255, 221, 252



255, 245, 254



224, 221, 255



128, 121, 127



0, 0, 0



128, 128, 128

Same Dimension

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



255, 221, 252



255, 214, 251



255, 221, 235



128, 115, 126



191, 0, 174



64, 0, 58

Inverse Universe

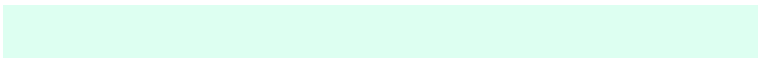
The Inverse Universe completely reimagines the original color for something new.



255, 221, 252



255, 214, 251



221, 255, 241



128, 115, 126



191, 0, 174



64, 0, 58

Previews

White Background



This preview shows how the RGB color 255, 221, 252 looks on a white background.

Color Contrast Check

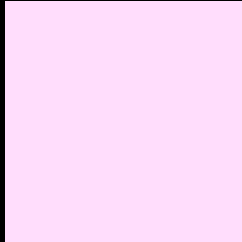
Large Text (above 18pt) WCAG AA × Fail

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, 221, 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

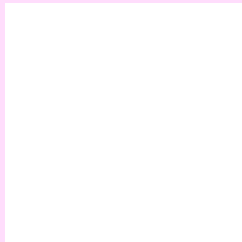
Any Text WCAG AAA ✓ Pass

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

RGB 255, 221, 252 Background



This preview shows how black text looks on a background with the RGB color 255, 221, 252.




This preview shows how white text looks on a background with the RGB color 255, 221, 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, 221, 252
	Protanopia 228, 230, 255
	Deuteranopia 245, 225, 251



Tritanopia
253, 223, 240

Trichromacy



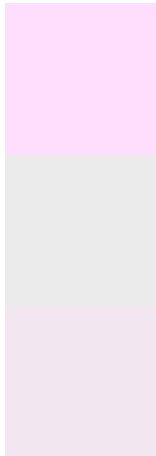
Original Color
255, 221, 252

Protanomaly
238, 227, 254

Deuteranomaly
249, 224, 251

Tritanomaly
254, 222, 244

Monochromacy



Original Color
255, 221, 252

Achromatopsia
235, 235, 235

Achromatomaly
242, 230, 241

CSS Examples

Text

The CSS property to change the color of the text to RGB 255, 221, 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, 221, 252) looks like.

```
.text, #text, p{  
    color:rgb(255, 221, 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, 221, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 221, 252) }
```

Border

The CSS property to change the border of an element to RGB 255, 221, 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, 221, 252) }
```

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

```
.border{ border-color:rgb(255, 221, 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, 221, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 221, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 221, 252);  
box-shadow:4px 4px 4px 4px rgb(255, 221,  
252) }
```

Background

The CSS property to change the background color of an element to RGB 255, 221, 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, 221, 252) }
```

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

```
.background{ background-color: rgb(255,  
221, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor