

Converting Colors

RGB(249, 222, 255)

Have a look what the booklet for
RGB(249, 222, 255) contains.

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Color

RGB(249, 222, 255)

Conversions

Conversions Part 1

Format	Color
Hex	F9DEFF
RGB	249, 222, 255
RGB Percent	98%, 87%, 100%
CMY	0.0235, 0.1294, 0.0000
CMYK	0.02, 0.13, 0.00, 0.00
HSL	289°, 100%, 94%
HSV	289°, 13%, 100%
XYZ	83.2382, 79.6023, 105.5854
YIQ	233.8350, 5.4990, 15.9870

Conversions

Conversions Part 2

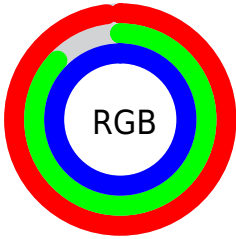
Format	Color
R_{YB}	249, 222, 255
Decimal	16375551
CIE _{Lab}	91.51, 14.98, -12.60
CIE _{LCh}	92, 19.579, 319.926
Yxy	79.6023, 0.3101, 0.2966
Android (android.graphics.Color)	4294565631 (0xFFFF9DEFF)
YUV	233.8350, 10.4343, 13.2997
Hunter-Lab	89.2201, 10.3970, -7.7112

Details

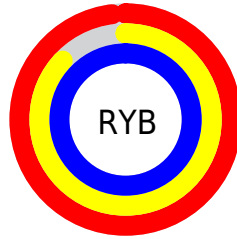
The RGB color **249, 222, 255** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **228, 255, 222**, and the grayscale version is **234, 234, 234**.

A 20% lighter version of the original color is **255, 255, 255**, and **192, 167, 198** is the 20% darker color. If you saturate the color by 10%, you get **244, 197, 255**, and if you desaturate by 10%, it is **254, 248, 255**.

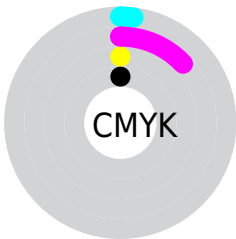
Distribution



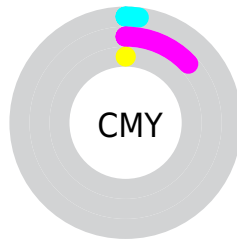
- Red (98%)
- Green (87%)
- Blue (100%)



- Red (98%)
- Yellow (87%)
- Blue (100%)



- Cyan (2%)
- Magenta (13%)
- Yellow (0%)
- Black (0%)



- Cyan (2%)
- Magenta (13%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the RGB color 249, 222, 255 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 249, 222, 255 by changing the saturation by 10% instead.

 249, 222, 255

255, 255, 255

 249, 222, 255

 220, 194, 226

 192, 167, 198


 165, 140, 171

 139, 115, 144

 113, 90, 119

 88, 67, 94


 65, 44, 70

 42, 23, 48


 24, 0, 27

 249, 222, 255

 249, 222, 255


 244, 197, 255


 254, 248, 255


 240, 171, 255

255, 255, 255


 235, 146, 255

 230, 120, 255

 226, 95, 255

 221, 69, 255

 217, 44, 255

 212, 18, 255

 209, 0, 255

Harmonies

Analogous

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



226, 228, 255



249, 222, 255



255, 218, 238

Triad

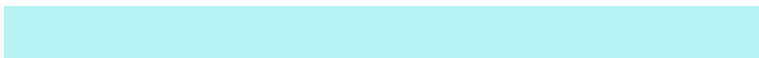
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



249, 222, 255



252, 227, 194



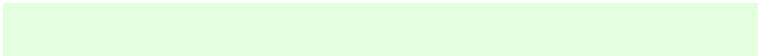
182, 242, 243

Complementary

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



249, 222, 255



228, 255, 222

Split Complementary

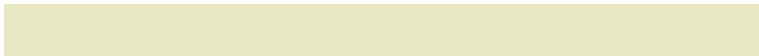
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



192, 241, 223



249, 222, 255



232, 233, 195

Square

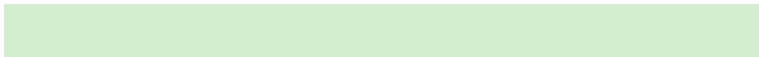
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



249, 222, 255



255, 221, 203



211, 238, 206



185, 239, 255

Rectangle

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



249, 222, 255



255, 218, 225



211, 238, 206



184, 242, 236

Sweetspot

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



249, 222, 255



253, 245, 255



222, 228, 255



126, 121, 128



0, 0, 0



128, 128, 128

Same Dimension

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



249, 222, 255



248, 214, 255



255, 222, 245



125, 115, 128



156, 0, 191



52, 0, 64

Inverse Universe

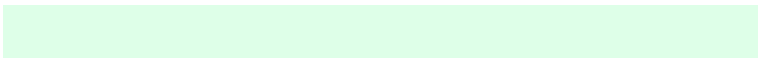
The Inverse Universe completely reimagines the original color for something new.



255, 222, 228



255, 214, 222



222, 255, 232



128, 115, 117



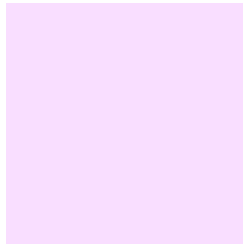
191, 0, 35



64, 0, 12

Previews

White Background



This preview shows how the RGB color 249, 222, 255 looks on a white background.

Color Contrast Check

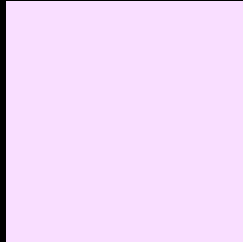
Large Text (above 18pt) WCAG AA × Fail

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 249, 222, 255 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

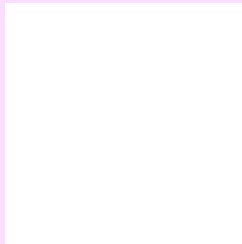
Any Text WCAG AAA ✓ Pass

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

RGB 249, 222, 255 Background



This preview shows how black text looks on a background with the RGB color 249, 222, 255.



This preview shows how white text looks on a background with the RGB color 249, 222, 255.

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 249, 222, 255
	Protanopia 227, 229, 255
	Deuteranopia 242, 224, 255



Tritanopia
247, 224, 242

Trichromacy



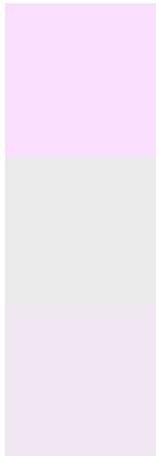
Original Color
249, 222, 255

Protanomaly
235, 226, 255

Deuteranomaly
245, 223, 255

Tritanomaly
248, 223, 247

Monochromacy



Original Color
249, 222, 255

Achromatopsia
234, 234, 234

Achromatomaly
239, 230, 242

CSS Examples

Text

The CSS property to change the color of the text to RGB 249, 222, 255 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(249, 222, 255) looks like.

```
.text, #text, p{  
    color:rgb(249, 222, 255)  
}
```

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(249, 222, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 222, 255) }
```

Border

The CSS property to change the border of an element to RGB 249, 222, 255 is called "border". The border property can be set on classes, ids or directly on the HTML element.

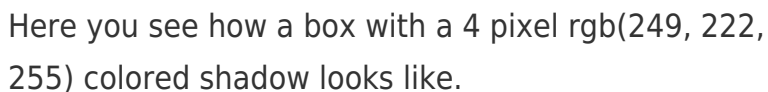
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(249, 222, 255) }
```

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

```
.border{ border-color:rgb(249, 222, 255) }
```

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



Here you see how a box with a 4 pixel `rgb(249, 222, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 222, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 222, 255);  
box-shadow:4px 4px 4px 4px rgb(249, 222,  
255) }
```

Background

The CSS property to change the background color of an element to RGB 249, 222, 255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 222, 255) }
```

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

```
.background{ background-color: rgb(249,  
222, 255) }
```

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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