

Converting Colors

RGB(249, 220, 241)

Have a look what the booklet for
RGB(249, 220, 241) contains.

RGB(249, 220, 241)	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(249, 220, 241)

Conversions

Conversions Part 1

Format	Color
Hex	F9DCF1
RGB	249, 220, 241
RGB Percent	98%, 86%, 95%
CMY	0.0235, 0.1373, 0.0549
CMYK	0.00, 0.12, 0.03, 0.02
HSL	317°, 71%, 92%
HSV	317°, 12%, 98%
XYZ	80.5373, 77.6770, 93.9675
YIQ	231.0650, 10.5430, 12.6790

Conversions

Conversions Part 2

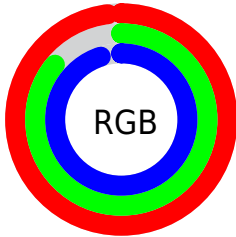
Format	Color
RYB	249, 220, 241
Decimal	16375025
CIELab	90.63, 13.52, -6.57
CIElCh	91, 15.028, 334.090
Yxy	77.6770, 0.3194, 0.3080
Android (android.graphics.Color)	4294565105 (0xFFFF9DCF1)
YUV	231.0650, 4.8980, 15.7290
Hunter-Lab	88.1346, 8.8777, -1.5197

Details

The RGB color **249, 220, 241** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **220, 249, 228**, and the grayscale version is **231, 231, 231**.

A 20% lighter version of the original color is **255, 255, 255**, and **192, 165, 185** is the 20% darker color. If you saturate the color by 10%, you get **249, 195, 234**, and if you desaturate by 10%, it is **249, 245, 248**.

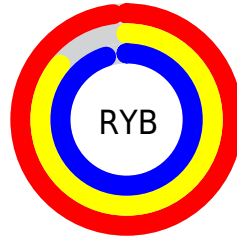
Distribution



Red (98%)

Green (86%)

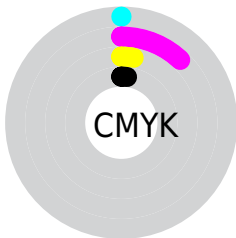
Blue (95%)



Red (98%)

Yellow (86%)

Blue (95%)

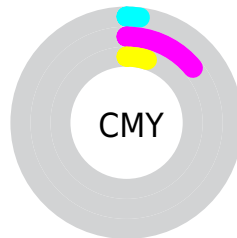


Cyan (0%)

Magenta (12%)

Yellow (3%)

Black (2%)



Cyan (2%)

Magenta (14%)

Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the RGB color 249, 220, 241 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, 220, 241 by changing the saturation by 10% instead.

 249, 220, 241

 249, 220, 241

255, 255, 255

 220, 192, 213

 192, 165, 185

 165, 139, 158

 139, 113, 132

 113, 88, 107

 89, 65, 83


 65, 43, 60

 42, 22, 38

 24, 0, 17

 249, 220, 241

 249, 220, 241

 249, 195, 234

 249, 245, 248


 249, 170, 227

 249, 255, 255

 249, 145, 220

 249, 255, 255

 249, 120, 214

 249, 96, 207

 249, 71, 200

 249, 46, 193

 249, 21, 186

 249, 0, 180

Harmonies

Analogous

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



234, 224, 252



249, 220, 241



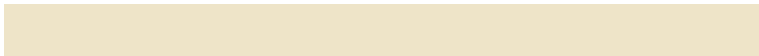
255, 218, 227

Triad

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



249, 220, 241



238, 228, 200



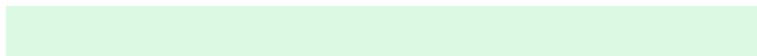
192, 236, 244

Complementary

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



249, 220, 241



220, 249, 228

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.



195, 237, 230



249, 220, 241



222, 232, 204

Square

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



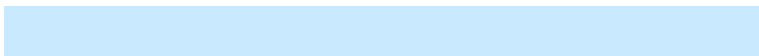
249, 220, 241



251, 223, 203



206, 235, 215



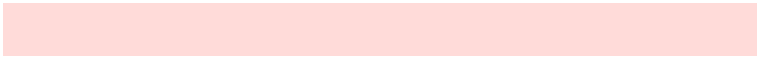
200, 233, 254

Rectangle

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



249, 220, 241



255, 219, 217



206, 235, 215



192, 236, 239

Sweetspot

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



249, 220, 241



255, 247, 253



228, 220, 249



128, 122, 126



0, 0, 0



128, 128, 128

Same Dimension

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



249, 220, 241



255, 219, 245



249, 220, 227



125, 112, 122



189, 0, 137



61, 0, 44

Inverse Universe

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



249, 220, 241



255, 219, 245



220, 249, 242



125, 112, 122



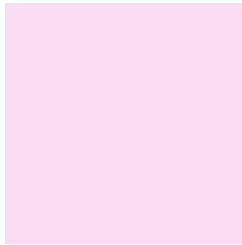
189, 0, 137



61, 0, 44

Previews

White Background



This preview shows how the RGB color 249, 220, 241 looks on a white background.

Color Contrast Check

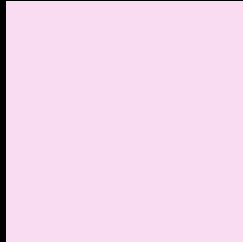
Large Text (above 18pt) WCAG AA × Fail

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, 220, 241 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

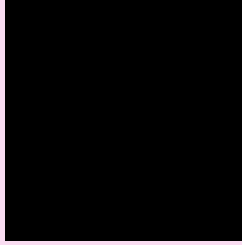
Any Text WCAG AA ✓ Pass

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, 220, 241 Background



This preview shows how black text looks on a background with the RGB color 249, 220, 241.



This preview shows how white text looks on a background with the RGB color 249, 220, 241.

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, 220, 241

Protanopia
227, 227, 245

Deuteranopia
245, 222, 241



Tritanopia
249, 221, 238

Trichromacy



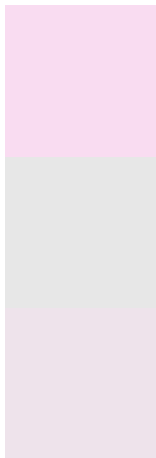
Original Color
249, 220, 241

Protanomaly
235, 224, 244

Deuteranomaly
246, 221, 241

Tritanomaly
249, 221, 239

Monochromacy



Original Color
249, 220, 241

Achromatopsia
231, 231, 231

Achromatomaly
238, 227, 235

CSS Examples

Text

The CSS property to change the color of the text to RGB 249, 220, 241 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, 220, 241) looks like.

```
.text, #text, p{  
    color:rgb(249, 220, 241)  
}
```

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, 220, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 220, 241) }
```

Border

The CSS property to change the border of an element to RGB 249, 220, 241 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, 220, 241) }
```

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

```
.border{ border-color:rgb(249, 220, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 220, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 220, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 220, 241);  
box-shadow:4px 4px 4px 4px rgb(249, 220,  
241) }
```

Background

The CSS property to change the background color of an element to RGB 249, 220, 241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 220, 241) }
```

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

```
.background{ background-color: rgb(249,  
220, 241) }
```

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