

# Converting Colors

RGB(253, 220, 237)

Have a look what the booklet for  
RGB(253, 220, 237) contains.

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# **Color**

**RGB(253, 220, 237)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FDDCED
RGB	253, 220, 237
RGB Percent	99%, 86%, 93%
CMY	0.0078, 0.1373, 0.0706
CMYK	0.00, 0.13, 0.06, 0.01
HSL	329°, 89%, 93%
HSV	329°, 13%, 99%
XYZ	81.3873, 78.1835, 90.9221
YIQ	231.8050, 14.2110, 12.2830

# Conversions

## Conversions Part 2

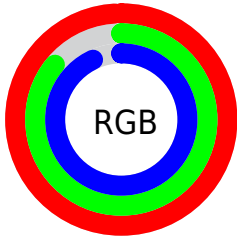
Format	Color
R <sub>Y</sub> B	253, 220, 237
Decimal	16637165
CIE Lab	90.86, 14.18, -4.09
CIE LCh	91, 14.757, 343.916
Yxy	78.1835, 0.3249, 0.3121
Android (android.graphics.Color)	4294827245 (0xFFFD DCE D)
YUV	231.8050, 2.5611, 18.5880
Hunter-Lab	88.4214, 9.5624, 0.9282

# Details

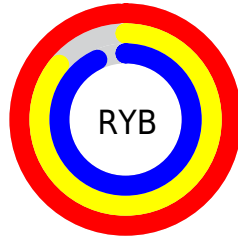
The RGB color **253, 220, 237** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **220, 253, 236**, and the grayscale version is **232, 232, 232**.

A 20% lighter version of the original color is **255, 255, 255**, and **196, 165, 181** is the 20% darker color. If you saturate the color by 10%, you get **253, 195, 225**, and if you desaturate by 10%, it is **253, 245, 249**.

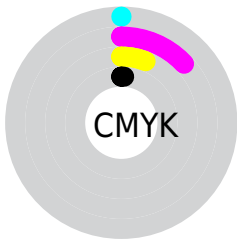
# Distribution



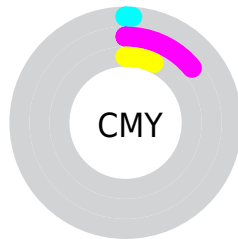
- Red (99%)
- Green (86%)
- Blue (93%)



- Red (99%)
- Yellow (86%)
- Blue (93%)



- Cyan (0%)
- Magenta (13%)
- Yellow (6%)
- Black (1%)



- Cyan (1%)
- Magenta (14%)
- Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the RGB color 253, 220, 237 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 253, 220, 237 by changing the saturation by 10% instead.



 253, 220, 237

255, 255, 255

 253, 220, 237

 224, 192, 209


 196, 165, 181

 169, 139, 154

 142, 113, 128

 116, 88, 103

 92, 65, 79


 68, 43, 56

 45, 22, 35

 27, 0, 13

 253, 220, 237

 253, 220, 237


 253, 195, 225


 253, 245, 249


 253, 169, 212


 253, 255, 255


 253, 144, 200

 253, 119, 188

 253, 94, 176

 253, 68, 163

 253, 43, 151

 253, 18, 139

 253, 0, 130

# Harmonies

## Analogous

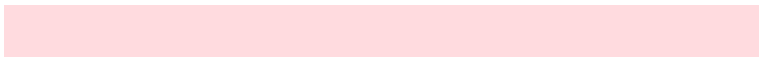
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



240, 223, 249



253, 220, 237



255, 219, 223

# Triad

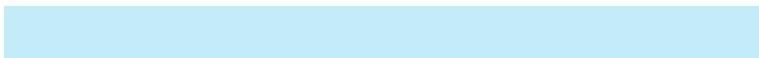
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



253, 220, 237



233, 230, 201



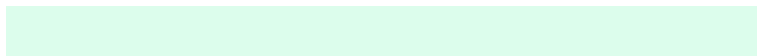
195, 236, 248

# Complementary

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



253, 220, 237



220, 253, 236

# 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.



194, 237, 235



253, 220, 237



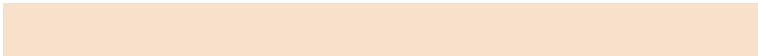
217, 234, 208

# Square

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



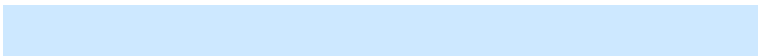
253, 220, 237



248, 225, 202



202, 237, 221



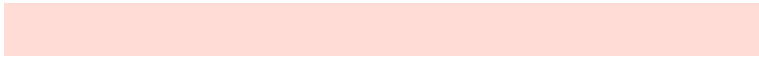
205, 232, 255

# Rectangle

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



253, 220, 237



255, 220, 214



202, 237, 221



193, 236, 244



# Sweetspot

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



253, 220, 237



255, 245, 250



236, 220, 253



128, 121, 124



0, 0, 0



128, 128, 128



# Same Dimension

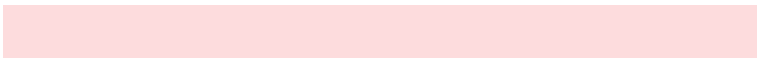
The Same Dimension uses a secret algorithm to generate beautiful new colors.



253, 220, 237



255, 214, 235



253, 220, 221



128, 115, 121



191, 0, 99



64, 0, 33



# Inverse Universe

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



253, 220, 237



255, 214, 235



220, 253, 252



128, 115, 121



191, 0, 99

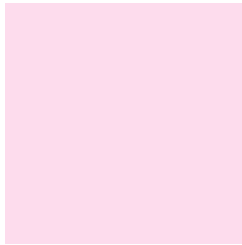


64, 0, 33



# Previews

## White Background



This preview shows how the RGB color 253, 220, 237 looks on a white background.

## Color Contrast Check

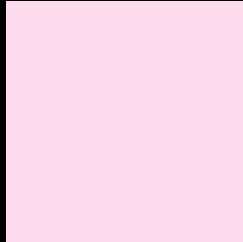
Large Text (above 18pt) WCAG AA × Fail

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 253, 220, 237 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 253, 220, 237 Background



This preview shows how black text looks on a background with the RGB color 253, 220, 237.



This preview shows how white text looks on a background with the RGB color 253, 220, 237.

# 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**  
253, 220, 237

**Protanopia**  
229, 228, 242

**Deuteranopia**  
248, 222, 237



# Tritanopia

253, 220, 237

# Trichromacy



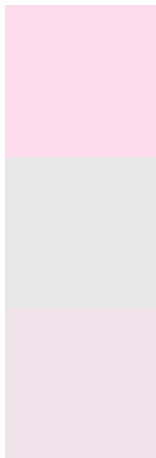
**Original Color**  
253, 220, 237

**Protanomaly**  
238, 225, 240

**Deuteranomaly**  
250, 221, 237

**Tritanomaly**  
253, 220, 237

# Monochromacy



**Original Color**  
253, 220, 237

**Achromatopsia**  
232, 232, 232

**Achromatomaly**  
240, 228, 234

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 253, 220, 237 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(253, 220, 237) looks like.

```
.text, #text, p{  
    color:rgb(253, 220, 237)  
}
```

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(253, 220, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 220, 237) }
```

## Border

The CSS property to change the border of an element to RGB 253, 220, 237 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(253, 220, 237) }
```

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

```
.border{ border-color:rgb(253, 220, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 220, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 220, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 220, 237);  
box-shadow:4px 4px 4px 4px rgb(253, 220,  
237) }
```

# Background

The CSS property to change the background color of an element to RGB 253, 220, 237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 220, 237) }
```

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

```
.background{ background-color: rgb(253,  
220, 237) }
```

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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