

Converting Colors

RGB(253, 197, 231)

Have a look what the booklet for
RGB(253, 197, 231) contains.

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Color

RGB(253, 197, 231)

Conversions

Conversions Part 1

Format	Color
Hex	FDC5E7
RGB	253, 197, 231
RGB Percent	99%, 77%, 91%
CMY	0.0078, 0.2275, 0.0941
CMYK	0.00, 0.22, 0.09, 0.01
HSL	324°, 93%, 88%
HSV	324°, 22%, 99%
XYZ	74.8981, 66.5847, 84.5059
YIQ	217.6200, 22.4620, 22.4460

Conversions

Conversions Part 2

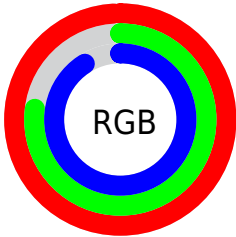
Format	Color
R _Y B	253, 197, 231
Decimal	16631271
CIE Lab	85.29, 25.22, -9.15
CIE LCh	85, 26.827, 340.051
Yxy	66.5847, 0.3314, 0.2946
Android (android.graphics.Color)	4294821351 (0xFFFDC5E7)
YUV	217.6200, 6.5963, 31.0283
Hunter-Lab	81.5994, 21.0417, -4.2822

Details

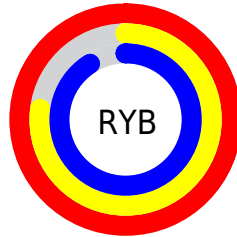
The RGB color **253, 197, 231** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **197, 253, 219**, and the grayscale version is **218, 218, 218**.

A 20% lighter version of the original color is 255, 254, 255, and **196, 143, 175** is the 20% darker color. If you saturate the color by 10%, you get **253, 172, 221**, and if you desaturate by 10%, it is **253, 222, 241**.

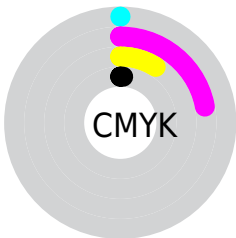
Distribution



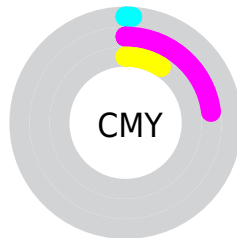
- Red (99%)
- Green (77%)
- Blue (91%)



- Red (99%)
- Yellow (77%)
- Blue (91%)



- Cyan (0%)
- Magenta (22%)
- Yellow (9%)
- Black (1%)




- Cyan (1%)
- Magenta (23%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the RGB color 253, 197, 231 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, 197, 231 by changing the saturation by 10% instead.

 253, 197, 231


 253, 197, 231


255, 255, 255

 224, 170, 203

255, 254, 255

 196, 143, 175

 168, 117, 149

 141, 92, 123

 115, 68, 98

 90, 45, 74

 66, 22, 52

 43, 0, 31

 12, 0, 3

■ 253, 197, 231

■ 253, 197, 231

■ 253, 172, 221

■ 253, 222, 241

■ 253, 146, 211

■ 253, 248, 251

■ 253, 121, 201

253, 255, 255

■ 253, 96, 191

■ 253, 70, 181

■ 253, 45, 171

■ 253, 20, 161

■ 253, 0, 154

Harmonies

Analogous

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



228, 204, 252



253, 197, 231



255, 195, 205

Triad

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



253, 197, 231



223, 214, 163



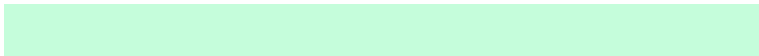
142, 226, 245

Complementary

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



253, 197, 231



197, 253, 219

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.



146, 228, 221



253, 197, 231



195, 221, 174

Square

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



253, 197, 231



247, 206, 166



167, 226, 195



162, 220, 255

Rectangle

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



253, 197, 231



255, 197, 189



167, 226, 195



141, 227, 238

Sweetspot

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



253, 197, 231



255, 237, 248



218, 197, 253



128, 117, 123



0, 0, 0



128, 128, 128

Same Dimension

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



253, 197, 231



255, 186, 228



253, 197, 204



128, 115, 122



191, 0, 116



64, 0, 39

Inverse Universe

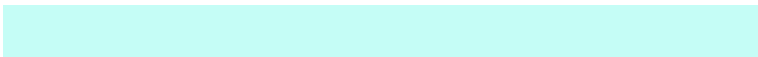
The Inverse Universe completely reimagines the original color for something new.



253, 197, 231



255, 186, 228



197, 253, 246



128, 115, 122



191, 0, 116



64, 0, 39

Previews

White Background



This preview shows how the RGB color 253, 197, 231 looks on a white background.

Color Contrast Check

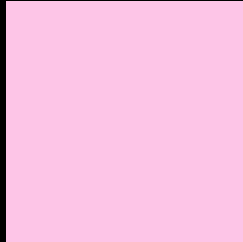
Large Text (above 18pt) WCAG AA × Fail

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, 197, 231 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, 197, 231 Background



This preview shows how black text looks on a background with the RGB color 253, 197, 231.



This preview shows how white text looks on a background with the RGB color 253, 197, 231.

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, 197, 231

Protanopia
209, 212, 240

Deuteranopia
227, 207, 229



Tritanopia
251, 200, 215

Trichromacy



Original Color

253, 197, 231



Protanomaly

225, 207, 237



Deuteranomaly

236, 203, 230



Tritanomaly

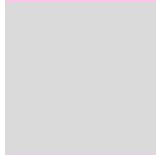
252, 199, 221

Monochromacy



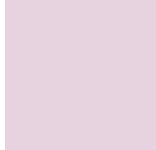
Original Color

253, 197, 231



Achromatopsia

218, 218, 218



Achromatomaly

231, 210, 223

CSS Examples

Text

The CSS property to change the color of the text to RGB 253, 197, 231 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, 197, 231)` looks like.

```
.text, #text, p{  
    color:rgb(253, 197, 231)  
}
```

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, 197, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 197, 231) }
```

Border

The CSS property to change the border of an element to RGB 253, 197, 231 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, 197, 231) }
```

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

```
.border{ border-color:rgb(253, 197, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 197, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 197, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 197, 231);  
box-shadow:4px 4px 4px 4px rgb(253, 197,  
231) }
```

Background

The CSS property to change the background color of an element to RGB 253, 197, 231 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 197, 231) }
```

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

```
.background{ background-color: rgb(253,  
197, 231) }
```

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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