

Converting Colors

RGB(253, 209, 229)

Have a look what the booklet for
RGB(253, 209, 229) contains.

RGB(253, 209, 229)	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(253, 209, 229)

Conversions

Conversions Part 1	
Format	Color
Hex	FDD1E5
RGB	253, 209, 229
RGB Percent	99%, 82%, 90%
CMY	0.0078, 0.1804, 0.1020
CMYK	0.00, 0.17, 0.09, 0.01
HSL	333°, 92%, 91%
HSV	333°, 17%, 99%
XYZ	77.4513, 72.1407, 83.9712
YIQ	224.4360, 19.8040, 15.5480

Conversions

Conversions Part 2

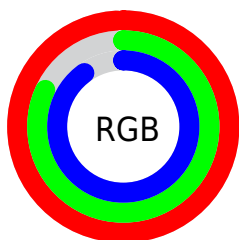
Format	Color
RYB	253, 209, 229
Decimal	16634341
CIELab	88.04, 18.59, -4.04
CIELCh	88, 19.019, 347.748
Yxy	72.1407, 0.3316, 0.3089
Android (android.graphics.Color)	4294824421 (0xFFFD1E5)
YUV	224.4360, 2.2501, 25.0506
Hunter-Lab	84.9357, 14.1335, 0.8383

Details

The RGB color **253, 209, 229** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **209, 253, 233**, and the grayscale version is **224, 224, 224**.

A 20% lighter version of the original color is **255, 255, 255**, and **196, 154, 174** is the 20% darker color. If you saturate the color by 10%, you get **253, 184, 215**, and if you desaturate by 10%, it is **253, 234, 243**.

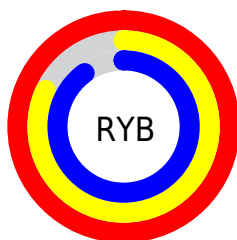
Distribution



Red (99%)

Green (82%)

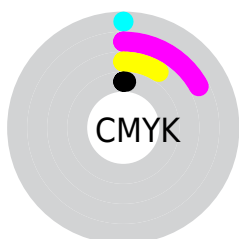
Blue (90%)



Red (99%)

Yellow (82%)

Blue (90%)

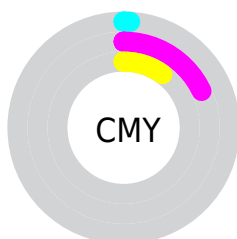


Cyan (0%)

Magenta (17%)

Yellow (9%)

Black (1%)



Cyan (1%)

Magenta (18%)

Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the RGB color 253, 209, 229 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, 209, 229 by changing the saturation by 10% instead.

 253, 209, 229

255, 255, 255

 253, 209, 229


 224, 181, 201

 196, 154, 174

 169, 128, 147

 142, 103, 121

 116, 79, 96

 91, 55, 73


 67, 33, 50

 44, 12, 29


 22, 0, 2

 253, 209, 229

 253, 209, 229

 253, 184, 215


 253, 234, 243


 253, 158, 201


253, 255, 255

 253, 133, 188

 253, 108, 174

 253, 82, 160

 253, 57, 146

 253, 32, 132

 253, 7, 119

 253, 0, 115

Harmonies

Analogous

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



237, 213, 245



253, 209, 229



255, 209, 211

Triad

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



253, 209, 229



224, 223, 186



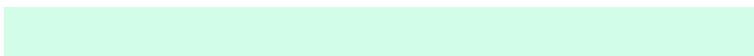
177, 229, 247

Complementary

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



253, 209, 229



209, 253, 233

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.



174, 231, 231



253, 209, 229



203, 228, 196

Square

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



253, 209, 229



242, 217, 186



185, 231, 213



192, 225, 255

Rectangle

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



253, 209, 229



255, 210, 199



185, 231, 213



174, 230, 242

Sweetspot

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



253, 209, 229



255, 242, 248



232, 209, 253



128, 120, 123



0, 0, 0



128, 128, 128

Same Dimension

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



253, 209, 229



255, 201, 226



253, 210, 209



128, 115, 121



191, 0, 87



64, 0, 29

Inverse Universe

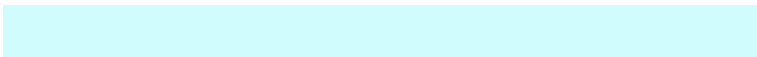
The Inverse Universe completely reimagines the original color for something new.



253, 209, 229



255, 201, 226



209, 252, 253



128, 115, 121



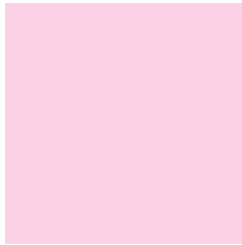
191, 0, 87



64, 0, 29

Previews

White Background



This preview shows how the RGB color 253, 209, 229 looks on a white background.

Color Contrast Check

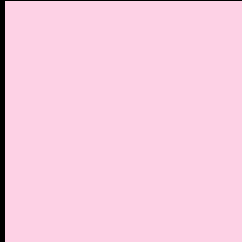
Large Text (above 18pt) WCAG AA × Fail

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, 209, 229 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

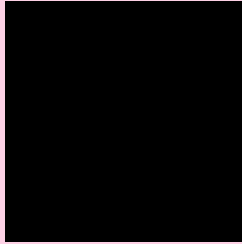
Any Text WCAG AA ✓ Pass

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, 209, 229 Background



This preview shows how black text looks on a background with the RGB color 253, 209, 229.



This preview shows how white text looks on a background with the RGB color 253, 209, 229.

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, 209, 229

Protanopia

221, 220, 235

Deuteranopia

239, 214, 228



Tritanopia

253, 210, 226

Trichromacy

	Original Color 253, 209, 229
	Protanomaly 233, 216, 233
	Deuteranomaly 244, 212, 228
	Tritanomaly 253, 210, 227

Monochromacy

	Original Color 253, 209, 229
	Achromatopsia 224, 224, 224
	Achromatomaly 235, 219, 226

CSS Examples

Text

The CSS property to change the color of the text to RGB 253, 209, 229 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, 209, 229) looks like.

```
.text, #text, p{  
    color:rgb(253, 209, 229)  
}
```

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, 209, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 209, 229) }
```

Border

The CSS property to change the border of an element to RGB 253, 209, 229 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, 209, 229) }
```

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

```
.border{ border-color:rgb(253, 209, 229) }
```

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

Here you see how a box with a 4 pixel rgb(253, 209, 229) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 209, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 209, 229);  
box-shadow:4px 4px 4px 4px rgb(253, 209,  
229) }
```

Background

The CSS property to change the background color of an element to RGB 253, 209, 229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 209, 229) }
```

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

```
.background{ background-color: rgb(253,  
209, 229) }
```

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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