

Converting Colors

`RYB(254, 209, 213)`

Have a look what the booklet for
RYB(254, 209, 213) contains.

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Color

RYB(254, 209, 213)

Conversions

Conversions Part 1

Format	Color
Hex	FED1D5
RGB	254, 209, 213
RGB Percent	100%, 82%, 84%
CMY	0.0039, 0.1804, 0.1647
CMYK	0.00, 0.18, 0.16, 0.00
HSL	355°, 96%, 91%
HSV	355°, 18%, 100%
XYZ	75.6838, 71.4759, 72.7580
YIQ	222.9110, 25.5360, 10.7840

Conversions

Conversions Part 2

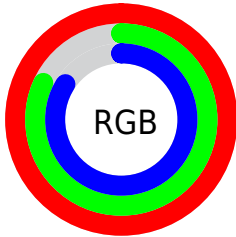
Format	Color
R_{YB}	254, 209, 213
Decimal	16699861
CIE _{Lab}	87.72, 16.39, 3.97
CIE _{LCh}	88, 16.861, 13.612
Yxy	71.4759, 0.3441, 0.3250
Android (android.graphics.Color)	4294889941 (0xFF FED1D5)
YUV	222.9110, -4.8861, 27.2651
Hunter-Lab	84.5434, 11.8433, 8.1554

Details

The RYB color **254, 209, 213** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **209, 233, 254**, and the grayscale version is **223, 223, 223**.

A 20% lighter version of the original color is **255, 255, 255**, and **197, 154, 158** is the 20% darker color. If you saturate the color by 10%, you get **254, 184, 190**, and if you desaturate by 10%, it is **254, 234, 236**.

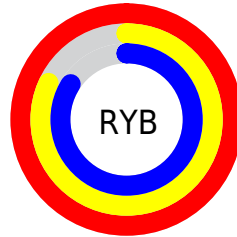
Distribution



Red (100%)

Green (82%)

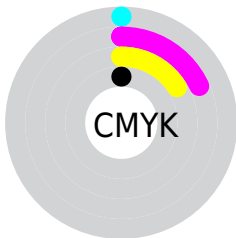
Blue (84%)



Red (100%)

Yellow (82%)

Blue (84%)

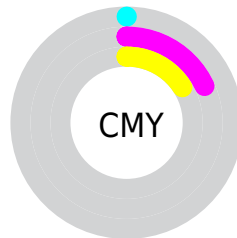


Cyan (0%)

Magenta (18%)

Yellow (16%)

Black (0%)



Cyan (0%)

Magenta (18%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the RYB color 254, 209, 213 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 RYB color 254, 209, 213 by changing the saturation by 10% instead.


 254, 209, 213


255, 255, 255

 254, 209, 213


 225, 181, 185

 197, 154, 158

 169, 128, 132

 142, 103, 107

 116, 79, 83

 91, 56, 60

 67, 34, 38

 44, 13, 18

 16, 0, 0

■ 254, 209, 213

■ 254, 209, 213

■ 254, 184, 190

■ 254, 234, 236

■ 254, 158, 167

254, 255, 255

■ 254, 133, 144

■ 254, 107, 120

■ 254, 82, 97

■ 254, 57, 74

■ 254, 31, 51

■ 254, 6, 28

■ 254, 0, 23

Harmonies

Analogous

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



247, 210, 229



254, 209, 213



252, 215, 198

Triad

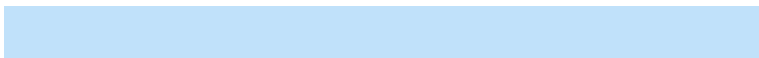
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



254, 209, 213



196, 226, 215



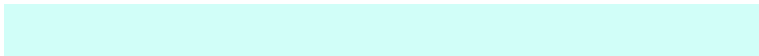
192, 213, 250

Complementary

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



254, 209, 213



209, 233, 254

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.



180, 207, 241



254, 209, 213



190, 216, 229

Square

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



254, 209, 213



194, 225, 189



180, 205, 229



212, 218, 251

Rectangle

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



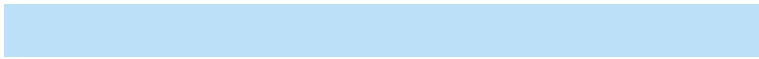
254, 209, 213



246, 229, 192



180, 205, 229



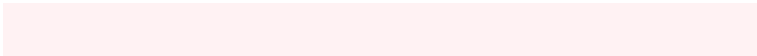
187, 210, 248

Sweetspot

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



254, 209, 213



255, 242, 243



250, 209, 254



128, 120, 121



0, 0, 0



128, 128, 128

Same Dimension

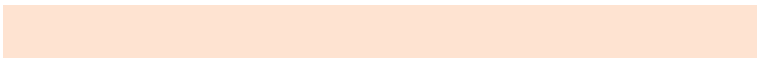
The Same Dimension uses a secret algorithm to generate beautiful new colors.



254, 209, 213



255, 201, 206



254, 239, 209



128, 115, 116



191, 0, 17



64, 0, 6

Inverse Universe

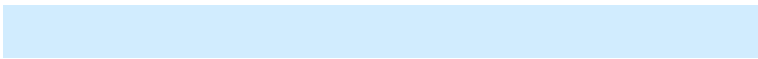
The Inverse Universe completely reimagines the original color for something new.



254, 209, 213



255, 201, 206



209, 226, 254



128, 115, 116



191, 0, 17



64, 0, 6

Previews

White Background



This preview shows how the RYB color 254, 209, 213 looks on a white background.

Color Contrast Check

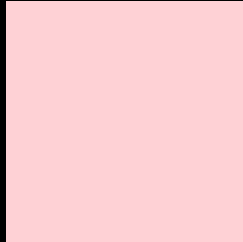
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 254, 209, 213 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](#).

RYB 254, 209, 213 Background



This preview shows how black text looks on a background with the RYB color 254, 209, 213.

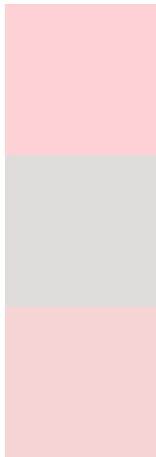


This preview shows how white text looks on a background with the RYB color 254, 209, 213.

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
254, 209, 213

Protanopia
224, 219, 219

Deuteranopia
244, 213, 212



Tritanopia
255, 207, 223

Trichromacy



Original Color

254, 209, 213

Protanomaly

235, 215, 217

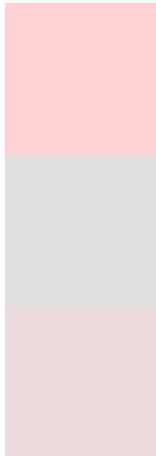
Deuteranomaly

248, 212, 212

Tritanomaly

255, 208, 219

Monochromacy



Original Color

254, 209, 213

Achromatopsia

223, 223, 223

Achromatomaly

234, 218, 219

CSS Examples

Text

The CSS property to change the color of the text to RYB 254, 209, 213 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(254, 209, 213) looks like.

```
.text, #text, p{  
    color:rgb(254, 209, 213)  
}
```

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(254, 209, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 209, 213) }
```

Border

The CSS property to change the border of an element to RYB 254, 209, 213 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(254, 209, 213) }
```

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

```
.border{ border-color:rgb(254, 209, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 209, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 209, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 209, 213);  
box-shadow:4px 4px 4px 4px rgb(254, 209,  
213) }
```

Background

The CSS property to change the background color of an element to RYB 254, 209, 213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 209, 213) }
```

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

```
.background{ background-color: rgb(254,  
209, 213) }
```

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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