

Converting Colors

`RYB(255, 209, 217)`

Have a look what the booklet for
RYB(255, 209, 217) contains.

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Color

R_YB(255, 209, 217)

Conversions

Conversions Part 1

Format	Color
Hex	FFD1D9
RGB	255, 209, 217
RGB Percent	100%, 82%, 85%
CMY	0.0000, 0.1804, 0.1490
CMYK	0.00, 0.18, 0.15, 0.00
HSL	350°, 100%, 91%
HSV	350°, 18%, 100%
XYZ	76.5648, 71.8707, 75.4827
YIQ	223.6660, 24.8480, 12.2400

Conversions

Conversions Part 2

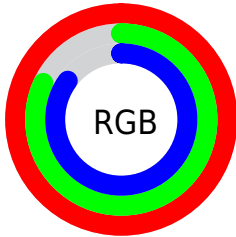
Format	Color
R_{YB}	255, 209, 217
Decimal	16765401
CIE _{Lab}	87.91, 17.36, 2.14
CIE _{LCh}	88, 17.489, 7.032
Yxy	71.8707, 0.3419, 0.3210
Android (android.graphics.Color)	4294955481 (0xFFFFD1D9)
YUV	223.6660, -3.2863, 27.4799
Hunter-Lab	84.7766, 12.8509, 6.5535

Details

The RYB color **255, 209, 217** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **209, 234, 255**, and the grayscale version is **224, 224, 224**.

A 20% lighter version of the original color is 255, 255, 255, and **198, 154, 162** is the 20% darker color. If you saturate the color by 10%, you get **255, 183, 196**, and if you desaturate by 10%, it is **255, 235, 238**.

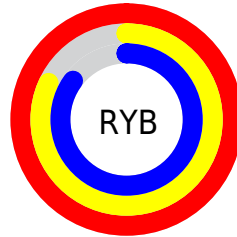
Distribution



Red (100%)

Green (82%)

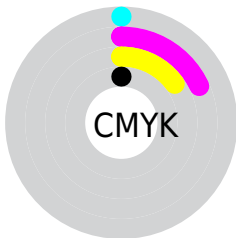
Blue (85%)



Red (100%)

Yellow (82%)

Blue (85%)

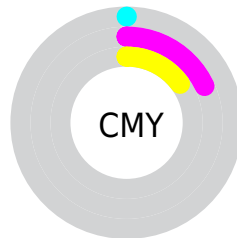


Cyan (0%)

Magenta (18%)

Yellow (15%)

Black (0%)



Cyan (0%)

Magenta (18%)

Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the RYB color 255, 209, 217 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 255, 209, 217 by changing the saturation by 10% instead.


 255, 209, 217

255, 255, 255

 255, 209, 217


 226, 181, 189


 198, 154, 162

 170, 128, 136

 143, 103, 111

 117, 79, 86

 92, 56, 63


 68, 34, 41

 44, 13, 21


 19, 0, 0

 255, 209, 217

 255, 209, 217


 255, 183, 196


 255, 235, 238

 255, 158, 175

255, 255, 255

 255, 132, 154

 255, 107, 133

 255, 82, 112

 255, 56, 91

 255, 30, 70

 255, 5, 48

 255, 0, 44

Harmonies

Analogous

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



246, 211, 234



255, 209, 217



255, 213, 201

Triad

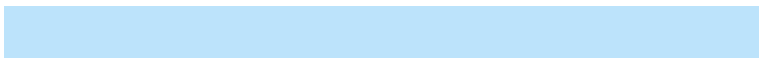
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



255, 209, 217



194, 226, 209



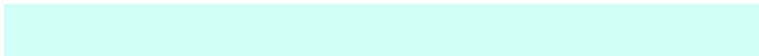
188, 212, 251

Complementary

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



255, 209, 217



209, 234, 255

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.



178, 206, 240



255, 209, 217



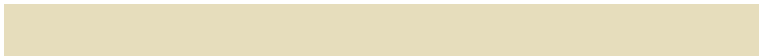
193, 219, 229

Square

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



255, 209, 217



199, 230, 188



180, 207, 230



207, 218, 253

Rectangle

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



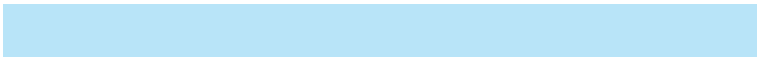
255, 209, 217



249, 224, 193



180, 207, 230



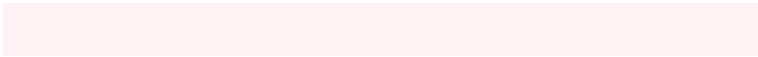
184, 210, 248

Sweetspot

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



255, 209, 217



255, 242, 244



247, 209, 255



128, 120, 121



0, 0, 0



128, 128, 128

Same Dimension

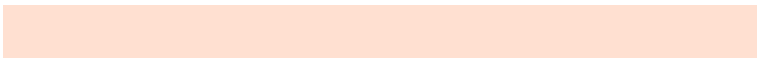
The Same Dimension uses a secret algorithm to generate beautiful new colors.



255, 209, 217



255, 199, 209



255, 231, 209



128, 115, 117



191, 0, 33



64, 0, 11

Inverse Universe

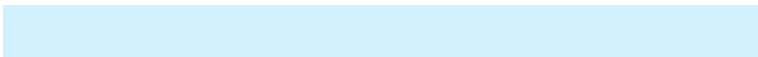
The Inverse Universe completely reimagines the original color for something new.



255, 209, 217



255, 199, 209



209, 228, 255



128, 115, 117



191, 0, 33



64, 0, 11

Previews

White Background



This preview shows how the RYB color 255, 209, 217 looks on a white background.

Color Contrast Check

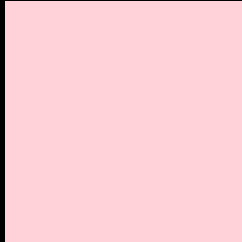
Large Text (above 18pt) WCAG AA × Fail

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 255, 209, 217 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 255, 209, 217 Background



This preview shows how black text looks on a background with the RYB color 255, 209, 217.

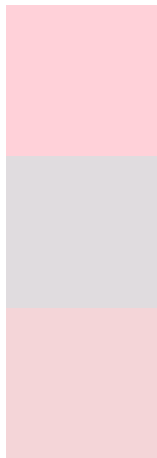


This preview shows how white text looks on a background with the RYB color 255, 209, 217.

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
255, 209, 217

Protanopia
224, 220, 223

Deuteranopia
244, 213, 216



Tritanopia
255, 208, 224

Trichromacy



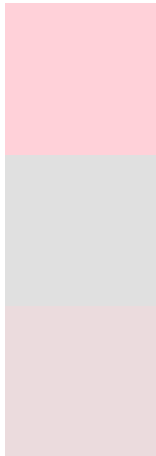
Original Color
255, 209, 217

Protanomaly
235, 216, 221

Deuteranomaly
248, 212, 216

Tritanomaly
255, 208, 221

Monochromacy



Original Color
255, 209, 217

Achromatopsia
224, 224, 224

Achromatomaly
235, 219, 221

CSS Examples

Text

The CSS property to change the color of the text to RYB 255, 209, 217 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(255, 209, 217) looks like.

```
.text, #text, p{  
    color:rgb(255, 209, 217)  
}
```

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(255, 209, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 209, 217) }
```

Border

The CSS property to change the border of an element to RYB 255, 209, 217 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(255, 209, 217) }
```

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

```
.border{ border-color:rgb(255, 209, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 209, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 209, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 209, 217);  
box-shadow:4px 4px 4px 4px rgb(255, 209,  
217) }
```

Background

The CSS property to change the background color of an element to RYB 255, 209, 217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 209, 217) }
```

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

```
.background{ background-color: rgb(255,  
209, 217) }
```

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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