

Converting Colors

`RYB(255, 206, 227)`

Have a look what the booklet for
RYB(255, 206, 227) contains.

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Color

`RYB(255, 206, 227)`

Conversions

Conversions Part 1

Format	Color
Hex	FFCEE3
RGB	255, 206, 227
RGB Percent	100%, 81%, 89%
CMY	0.0000, 0.1922, 0.1098
CMYK	0.00, 0.19, 0.11, 0.00
HSL	334°, 100%, 90%
HSV	334°, 19%, 100%
XYZ	77.1764, 70.9487, 82.2999
YIQ	223.0450, 22.4630, 16.9190

Conversions

Conversions Part 2

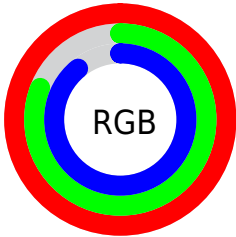
Format	Color
RYB	255, 206, 227
Decimal	16764643
CIELab	87.46, 20.52, -3.80
CIElCh	87, 20.866, 349.495
Yxy	70.9487, 0.3349, 0.3079
Android (android.graphics.Color)	4294954723 (0xFFFFCEE3)
YUV	223.0450, 1.9498, 28.0245
Hunter-Lab	84.2310, 16.1458, 1.0311

Details

The RYB color **255, 206, 227** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **206, 237, 255**, and the grayscale version is **223, 223, 223**.

A 20% lighter version of the original color is **255, 255, 255**, and **198, 152, 172** is the 20% darker color. If you saturate the color by 10%, you get **255, 180, 212**, and if you desaturate by 10%, it is **255, 232, 242**.

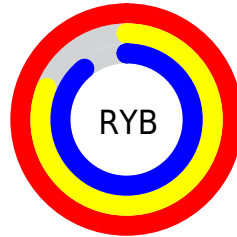
Distribution



Red (100%)

Green (81%)

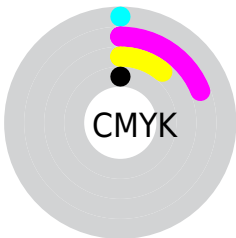
Blue (89%)



Red (100%)

Yellow (81%)

Blue (89%)

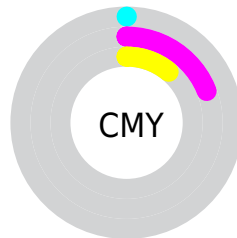


Cyan (0%)

Magenta (19%)

Yellow (11%)

Black (0%)



Cyan (0%)

Magenta (19%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the RYB color 255, 206, 227 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, 206, 227 by changing the saturation by 10% instead.


 255, 206, 227

255, 255, 255

 255, 206, 227

 226, 178, 199


 198, 152, 172

 170, 125, 145

 143, 100, 120

 117, 76, 95

 92, 53, 71

 68, 31, 49

 45, 9, 28

 21, 0, 0

■ 255, 206, 227

■ 255, 206, 227

■ 255, 180, 212

■ 255, 232, 242

■ 255, 155, 198

255, 255, 255

■ 255, 130, 183

■ 255, 104, 169

■ 255, 79, 154

■ 255, 53, 140

■ 255, 27, 125

■ 255, 2, 110

■ 255, 0, 109

Harmonies

Analogous

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



238, 210, 245



255, 206, 227



255, 206, 207

Triad

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



255, 206, 227



182, 222, 183



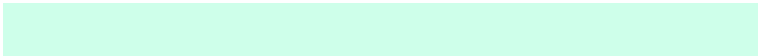
170, 203, 249

Complementary

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



255, 206, 227



206, 237, 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.



167, 199, 232



255, 206, 227



193, 227, 222

Square

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



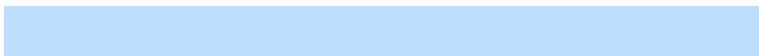
255, 206, 227



229, 242, 181



178, 210, 230



188, 211, 255

Rectangle

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



255, 206, 227



255, 212, 195



178, 210, 230



167, 201, 244

Sweetspot

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



255, 206, 227



255, 240, 246



234, 206, 255



128, 119, 122



0, 0, 0



128, 128, 128

Same Dimension

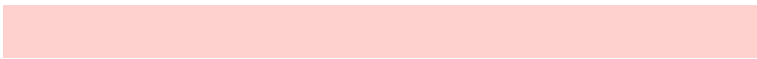
The Same Dimension uses a secret algorithm to generate beautiful new colors.



255, 206, 227



255, 196, 221



255, 209, 206



128, 115, 120



191, 0, 82



64, 0, 27

Inverse Universe

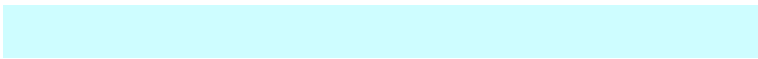
The Inverse Universe completely reimagines the original color for something new.



255, 206, 227



255, 196, 221



206, 230, 255



128, 115, 120



191, 0, 82



64, 0, 27

Previews

White Background



This preview shows how the RYB color 255, 206, 227 looks on a white background.

Color Contrast Check

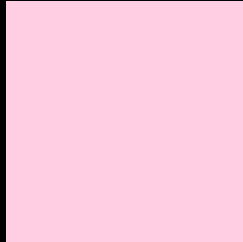
Large Text (above 18pt) WCAG AA × Fail

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, 206, 227 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, 206, 227 Background



This preview shows how black text looks on a background with the RYB color 255, 206, 227.



This preview shows how white text looks on a background with the RYB color 255, 206, 227.

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, 206, 227

Protanopia
219, 218, 234

Deuteranopia
238, 213, 226



Tritanopia
254, 207, 223

Trichromacy



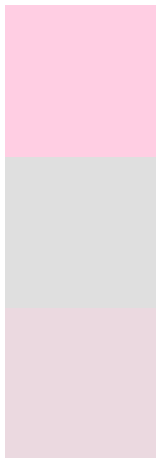
Original Color
255, 206, 227

Protanomaly
232, 214, 231

Deuteranomaly
244, 210, 226

Tritanomaly
254, 207, 224

Monochromacy



Original Color
255, 206, 227

Achromatopsia
223, 223, 223

Achromatomaly
235, 217, 224

CSS Examples

Text

The CSS property to change the color of the text to RGB 255, 206, 227 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, 206, 227) looks like.

```
.text, #text, p{  
    color:rgb(255, 206, 227)  
}
```

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, 206, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 206, 227) }
```

Border

The CSS property to change the border of an element to RYB 255, 206, 227 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, 206, 227) }
```

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

```
.border{ border-color:rgb(255, 206, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 206, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 206, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 206, 227);  
box-shadow:4px 4px 4px 4px rgb(255, 206,  
227) }
```

Background

The CSS property to change the background color of an element to RYB 255, 206, 227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 206, 227) }
```

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

```
.background{ background-color: rgb(255,  
206, 227) }
```

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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