

Converting Colors

`RYB(255, 204, 225)`

Have a look what the booklet for
RYB(255, 204, 225) contains.

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Color

R_YB(255, 204, 225)

Conversions

Conversions Part 1

Format	Color
Hex	FFCCE1
RGB	255, 204, 225
RGB Percent	100%, 80%, 88%
CMY	0.0000, 0.2000, 0.1176
CMYK	0.00, 0.20, 0.12, 0.00
HSL	335°, 100%, 90%
HSV	335°, 20%, 100%
XYZ	76.4235, 69.8820, 80.6948
YIQ	221.6430, 23.6550, 17.3430

Conversions

Conversions Part 2

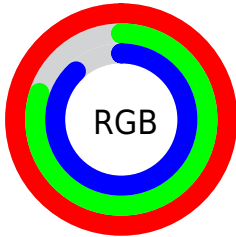
Format	Color
RYB	255, 204, 225
Decimal	16764129
CIELab	86.94, 21.24, -3.51
CIELCh	87, 21.529, 350.615
Yxy	69.8820, 0.3367, 0.3078
Android (android.graphics.Color)	4294954209 (0xFFFFCCE1)
YUV	221.6430, 1.6550, 29.2541
Hunter-Lab	83.5954, 16.8938, 1.2841

Details

The RYB color **255, 204, 225** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **204, 236, 255**, and the grayscale version is **222, 222, 222**.

A 20% lighter version of the original color is **255, 255, 255**, and **198, 150, 170** is the 20% darker color. If you saturate the color by 10%, you get **255, 179, 210**, and if you desaturate by 10%, it is **255, 230, 240**.

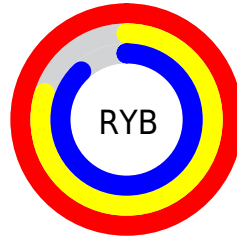
Distribution



Red (100%)

Green (80%)

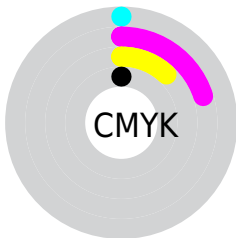
Blue (88%)



Red (100%)

Yellow (80%)

Blue (88%)

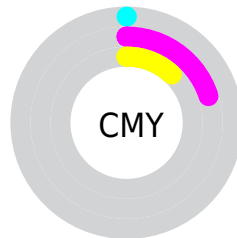


Cyan (0%)

Magenta (20%)

Yellow (12%)

Black (0%)



Cyan (0%)

Magenta (20%)

Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the RYB color 255, 204, 225 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, 204, 225 by changing the saturation by 10% instead.


 255, 204, 225


255, 255, 255

 255, 204, 225

 226, 176, 197


 198, 150, 170

 170, 124, 143

 143, 98, 118

 117, 74, 93

 92, 51, 70

 68, 29, 47

 44, 7, 27

 19, 0, 0

■ 255, 204, 225

■ 255, 204, 225

■ 255, 179, 210

■ 255, 230, 240

■ 255, 153, 195

255, 255, 255

■ 255, 128, 180

■ 255, 102, 165

■ 255, 77, 150

■ 255, 51, 135

■ 255, 25, 120

■ 255, 0, 105

Harmonies

Analogous

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



238, 208, 244



255, 204, 225



255, 204, 204

Triad

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



255, 204, 225



179, 221, 181



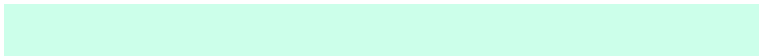
168, 202, 249

Complementary

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



255, 204, 225



204, 236, 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.



163, 196, 231



255, 204, 225



191, 226, 222

Square

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



255, 204, 225



223, 240, 178



175, 208, 229



187, 210, 255

Rectangle

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



255, 204, 225



255, 210, 192



175, 208, 229



164, 200, 244

Sweetspot

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



255, 204, 225



255, 240, 246



234, 204, 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, 204, 225



255, 194, 219



255, 208, 204



128, 115, 120



191, 0, 79



64, 0, 26

Inverse Universe

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



255, 204, 225



255, 194, 219



204, 228, 255



128, 115, 120



191, 0, 79



64, 0, 26

Previews

White Background



This preview shows how the RYB color 255, 204, 225 looks on a white background.

Color Contrast Check

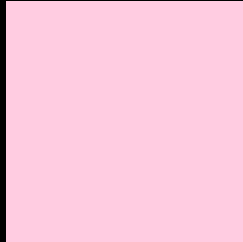
Large Text (above 18pt) WCAG AA × Fail

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, 204, 225 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, 204, 225 Background



This preview shows how black text looks on a background with the RYB color 255, 204, 225.

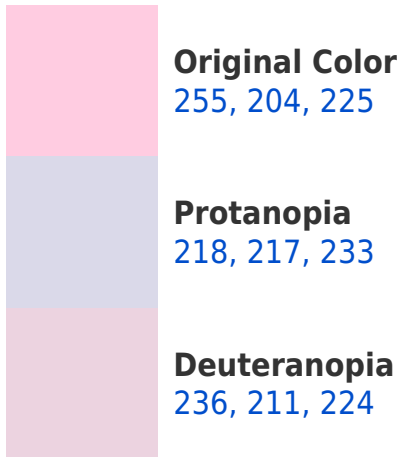


This preview shows how white text looks on a background with the RYB color 255, 204, 225.

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





Tritanopia
254, 205, 221

Trichromacy



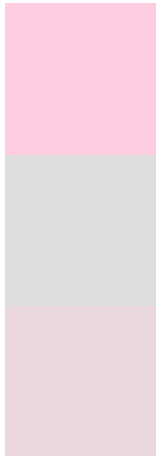
Original Color
255, 204, 225

Protanomaly
231, 212, 230

Deuteranomaly
243, 208, 224

Tritanomaly
254, 205, 222

Monochromacy



Original Color
255, 204, 225

Achromatopsia
222, 222, 222

Achromatomaly
234, 215, 223

CSS Examples

Text

The CSS property to change the color of the text to RYB 255, 204, 225 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, 204, 225) looks like.

```
.text, #text, p{  
    color:rgb(255, 204, 225)  
}
```

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, 204, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 204, 225) }
```

Border

The CSS property to change the border of an element to RYB 255, 204, 225 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, 204, 225) }
```

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

```
.border{ border-color:rgb(255, 204, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 204, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 204, 225); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 204, 225); box-shadow:4px 4px 4px 4px rgb(255, 204, 225) }
```

Background

The CSS property to change the background color of an element to RGB 255, 204, 225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 204, 225) }
```

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

```
.background{ background-color: rgb(255,  
204, 225) }
```

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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