

Converting Colors

`RYB(251, 204, 230)`

Have a look what the booklet for
RYB(251, 204, 230) contains.

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Color

R_YB(251, 204, 230)

Conversions

Conversions Part 1

Format	Color
Hex	FBCCE6
RGB	251, 204, 230
RGB Percent	98%, 80%, 90%
CMY	0.0157, 0.2000, 0.0980
CMYK	0.00, 0.19, 0.08, 0.02
HSL	327°, 85%, 89%
HSV	327°, 19%, 98%
XYZ	75.6595, 69.4081, 84.2723
YIQ	221.0170, 19.6660, 18.0500

Conversions

Conversions Part 2

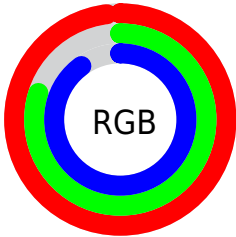
Format	Color
R _Y B	251, 204, 230
Decimal	16501990
CIE Lab	86.71, 20.69, -6.55
CIE LCh	87, 21.703, 342.437
Yxy	69.4081, 0.3299, 0.3026
Android (android.graphics.Color)	4294692070 (0xFFFBCE6)
YUV	221.0170, 4.4286, 26.2951
Hunter-Lab	83.3115, 16.3097, -1.6557

Details

The RYB color **251, 204, 230** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **204, 236, 251**, and the grayscale version is **221, 221, 221**.

A 20% lighter version of the original color is 255, 255, 255, and **194, 150, 175** is the 20% darker color. If you saturate the color by 10%, you get **251, 179, 219**, and if you desaturate by 10%, it is **251, 229, 241**.

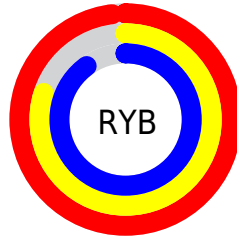
Distribution



Red (98%)

Green (80%)

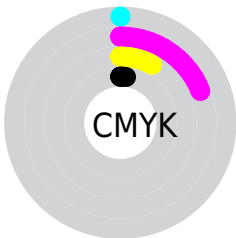
Blue (90%)



Red (98%)

Yellow (80%)

Blue (90%)

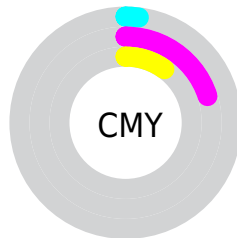


Cyan (0%)

Magenta (19%)

Yellow (8%)

Black (2%)



Cyan (2%)

Magenta (20%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the RYB color 251, 204, 230 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 251, 204, 230 by changing the saturation by 10% instead.

251, 204, 230

251, 204, 230

255, 255, 255

222, 176, 202

194, 150, 175

167, 124, 148

140, 98, 122

114, 74, 97

89, 51, 74

65, 29, 51

42, 7, 30

15, 0, 2

■ 251, 204, 230

■ 251, 204, 230

■ 251, 179, 219

■ 251, 229, 241

■ 251, 154, 208

■ 251, 253, 254

■ 251, 129, 196

■ 251, 253, 255

■ 251, 104, 185

■ 251, 79, 174

■ 251, 53, 163

■ 251, 28, 151

■ 251, 3, 140

■ 251, 0, 139

Harmonies

Analogous

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



231, 209, 248



251, 204, 230



255, 203, 209

Triad

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



251, 204, 230



184, 224, 177



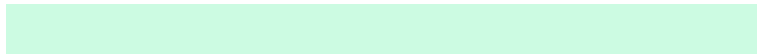
164, 199, 244

Complementary

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



251, 204, 230



204, 236, 251

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.



164, 198, 229



251, 204, 230



186, 224, 209

Square

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



251, 204, 230



240, 244, 178



179, 211, 228



179, 207, 255

Rectangle

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



251, 204, 230



255, 205, 196



179, 211, 228



162, 197, 238

Sweetspot

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



251, 204, 230



255, 240, 248



224, 204, 251



128, 119, 124



0, 0, 0



128, 128, 128

Same Dimension

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



251, 204, 230



255, 199, 230



251, 204, 207



125, 112, 119



189, 0, 104



61, 0, 34

Inverse Universe

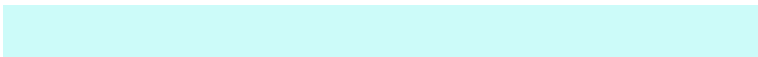
The Inverse Universe completely reimagines the original color for something new.



251, 204, 230



255, 199, 230



204, 228, 251



125, 112, 119



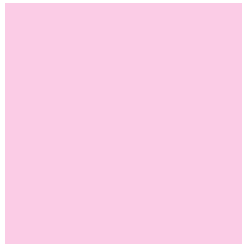
189, 0, 104



61, 0, 34

Previews

White Background



This preview shows how the RYB color 251, 204, 230 looks on a white background.

Color Contrast Check

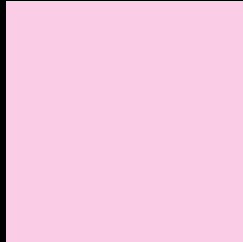
Large Text (above 18pt) WCAG AA × Fail

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 251, 204, 230 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 251, 204, 230 Background



This preview shows how black text looks on a background with the RYB color 251, 204, 230.



This preview shows how white text looks on a background with the RYB color 251, 204, 230.

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
251, 204, 230

Protanopia
215, 216, 237

Deuteranopia
233, 211, 229



Tritanopia
250, 205, 221

Trichromacy



Original Color
251, 204, 230

Protanomaly
228, 212, 234

Deuteranomaly
240, 208, 229

Tritanomaly
250, 205, 224

Monochromacy



Original Color
251, 204, 230

Achromatopsia
221, 221, 221

Achromatomaly
232, 215, 224

CSS Examples

Text

The CSS property to change the color of the text to RYB 251, 204, 230 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(251, 204, 230) looks like.

```
.text, #text, p{  
    color:rgb(251, 204, 230)  
}
```

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(251, 204, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 204, 230) }
```

Border

The CSS property to change the border of an element to RYB 251, 204, 230 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(251, 204, 230) }
```

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

```
.border{ border-color:rgb(251, 204, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 204, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 204, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 204, 230);  
box-shadow:4px 4px 4px 4px rgb(251, 204,  
230) }
```

Background

The CSS property to change the background color of an element to RYB 251, 204, 230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 204, 230) }
```

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

```
.background{ background-color: rgb(251,  
204, 230) }
```

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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