

Converting Colors

`RYB(251, 208, 240)`

Have a look what the booklet for
RYB(251, 208, 240) contains.

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Color

R_YB(251, 208, 240)

Conversions

Conversions Part 1

Format	Color
Hex	FBD0F0
RGB	251, 208, 240
RGB Percent	98%, 82%, 94%
CMY	0.0157, 0.1843, 0.0588
CMYK	0.00, 0.17, 0.04, 0.02
HSL	315°, 84%, 90%
HSV	315°, 17%, 98%
XYZ	78.0677, 71.9123, 92.2039
YIQ	224.5050, 15.3560, 19.0680

Conversions

Conversions Part 2

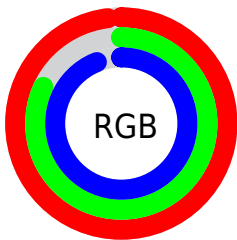
Format	Color
R _{YB}	251, 208, 240
Decimal	16503024
CIE _{Lab}	87.93, 20.30, -10.03
CIE _{LCh}	88, 22.640, 333.693
Yxy	71.9123, 0.3223, 0.2969
Android (android.graphics.Color)	4294693104 (0xFFFBD0F0)
YUV	224.5050, 7.6390, 23.2361
Hunter-Lab	84.8011, 15.9248, -5.1050

Details

The RYB color **251, 208, 240** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **208, 242, 251**, and the grayscale version is **224, 224, 224**.

A 20% lighter version of the original color is **255, 255, 255**, and **194, 153, 184** is the 20% darker color. If you saturate the color by 10%, you get **251, 183, 234**, and if you desaturate by 10%, it is **251, 233, 246**.

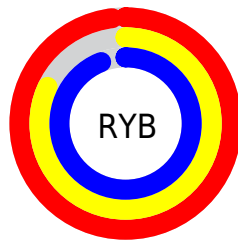
Distribution



Red (98%)

Green (82%)

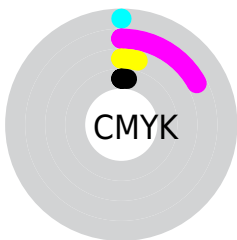
Blue (94%)



Red (98%)

Yellow (82%)

Blue (94%)

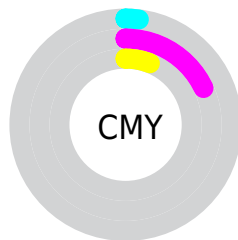


Cyan (0%)

Magenta (17%)

Yellow (4%)

Black (2%)



Cyan (2%)

Magenta (18%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the RYB color 251, 208, 240 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, 208, 240 by changing the saturation by 10% instead.

■ 251, 208, 240

255, 255, 255

■ 251, 208, 240

■ 222, 180, 212

■ 194, 153, 184

■ 167, 127, 157

■ 140, 102, 131

■ 114, 78, 106

■ 89, 55, 82


■ 65, 32, 59

■ 43, 11, 37


■ 19, 0, 15


 251, 208, 240


 251, 208, 240

 251, 183, 234


 251, 233, 246


 251, 158, 227


 251, 254, 255


 251, 133, 221

 251, 253, 255

 251, 108, 214

 251, 83, 208

 251, 57, 201

 251, 32, 195

 251, 7, 189

 251, 0, 187

Harmonies

Analogous

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



228, 214, 255



251, 208, 240



255, 205, 219

Triad

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



251, 208, 240



198, 235, 178



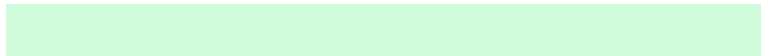
162, 200, 244

Complementary

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



251, 208, 240



208, 242, 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.



168, 204, 233



251, 208, 240



184, 226, 199

Square

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



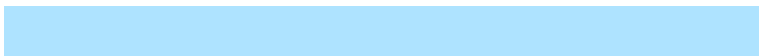
251, 208, 240



254, 235, 183



186, 220, 231



174, 206, 255

Rectangle

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



251, 208, 240



255, 206, 204



186, 220, 231



162, 198, 237

Sweetspot

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



251, 208, 240



255, 242, 252



219, 208, 251



128, 120, 126



0, 0, 0



128, 128, 128

Same Dimension

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



251, 208, 240



255, 201, 241



251, 208, 219



125, 112, 122



189, 0, 140



61, 0, 46

Inverse Universe

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



251, 208, 240



255, 201, 241



208, 233, 251



125, 112, 122



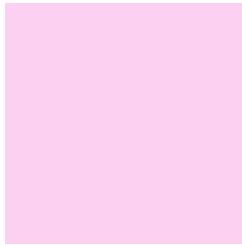
189, 0, 140



61, 0, 46

Previews

White Background



This preview shows how the RYB color 251, 208, 240 looks on a white background.

Color Contrast Check

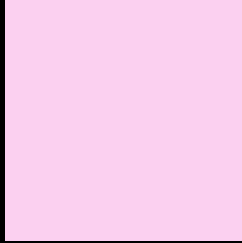
Large Text (above 18pt) WCAG AA × Fail

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, 208, 240 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, 208, 240 Background



This preview shows how black text looks on a background with the RYB color 251, 208, 240.



This preview shows how white text looks on a background with the RYB color 251, 208, 240.

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, 208, 240

Protanopia
217, 219, 247

Deuteranopia
234, 214, 239



Tritanopia
249, 210, 227

Trichromacy



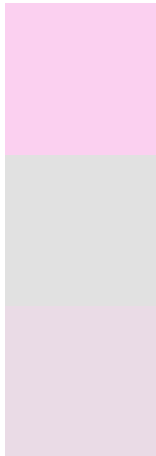
Original Color
251, 208, 240

Protanomaly
229, 215, 244

Deuteranomaly
240, 212, 239

Tritanomaly
250, 209, 232

Monochromacy



Original Color
251, 208, 240

Achromatopsia
225, 225, 225

Achromatomaly
234, 219, 230

CSS Examples

Text

The CSS property to change the color of the text to RYB 251, 208, 240 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, 208, 240) looks like.

```
.text, #text, p{  
    color:rgb(251, 208, 240)  
}
```

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, 208, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 208, 240) }
```

Border

The CSS property to change the border of an element to RYB 251, 208, 240 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, 208, 240) }
```

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

```
.border{ border-color:rgb(251, 208, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 208, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 208, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 208, 240);  
box-shadow:4px 4px 4px 4px rgb(251, 208,  
240) }
```

Background

The CSS property to change the background color of an element to RYB 251, 208, 240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 208, 240) }
```

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

```
.background{ background-color: rgb(251,  
208, 240) }
```

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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