

Converting Colors

`RYB(250, 208, 251)`

Have a look what the booklet for
RYB(250, 208, 251) contains.

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Color

R_YB(250, 208, 251)

Conversions

Conversions Part 1

Format	Color
Hex	FAD0FB
RGB	250, 208, 251
RGB Percent	98%, 82%, 98%
CMY	0.0196, 0.1843, 0.0157
CMYK	0.00, 0.17, 0.00, 0.02
HSL	299°, 84%, 90%
HSV	299°, 17%, 98%
XYZ	79.3928, 72.4008, 101.0571
YIQ	225.4600, 11.2290, 22.2770

Conversions

Conversions Part 2

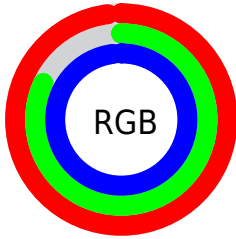
Format	Color
R _Y B	250, 208, 251
Decimal	16437499
CIE Lab	88.16, 21.92, -15.50
CIE LCh	88, 26.845, 324.731
Yxy	72.4008, 0.3140, 0.2863
Android (android.graphics.Color)	4294627579 (0xFFFAD0FB)
YUV	225.4600, 12.5912, 21.5216
Hunter-Lab	85.0886, 17.6461, -10.8548

Details

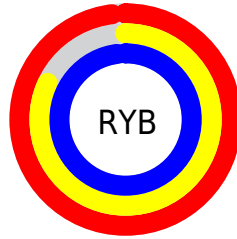
The RYB color `250, 208, 251` is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be `208, 251, 250`, and the grayscale version is `225, 225, 225`.

A 20% lighter version of the original color is `255, 255, 255`, and `193, 153, 194` is the 20% darker color. If you saturate the color by 10%, you get `249, 183, 251`, and if you desaturate by 10%, it is `251, 233, 251`.

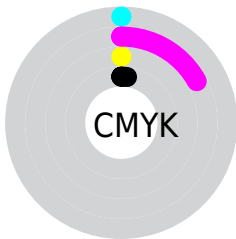
Distribution



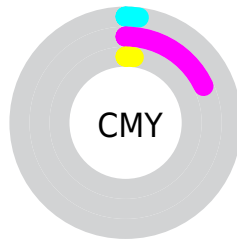
- Red (98%)
- Green (82%)
- Blue (98%)



- Red (98%)
- Yellow (82%)
- Blue (98%)



- Cyan (0%)
- Magenta (17%)
- Yellow (0%)
- Black (2%)



- Cyan (2%)
- Magenta (18%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the RYB color 250, 208, 251 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 250, 208, 251 by changing the saturation by 10% instead.

250, 208, 251

255, 255, 255

250, 208, 251

221, 180, 222

193, 153, 194

166, 127, 167

139, 102, 141

113, 78, 115

88, 54, 91


65, 32, 67


42, 11, 45


20, 0, 24


 250, 208, 251

 250, 208, 251

 249, 183, 251


 251, 233, 251

 249, 158, 251

 251, 255, 255


 248, 133, 251


 251, 255, 254


 248, 108, 251


 251, 255, 253

 247, 83, 251

 251, 255, 252

 246, 57, 251

 251, 255, 251

 246, 32, 251

 245, 7, 251

 245, 0, 251

Harmonies

Analogous

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



220, 216, 255



250, 208, 251



255, 203, 227

Triad

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



250, 208, 251



214, 245, 171



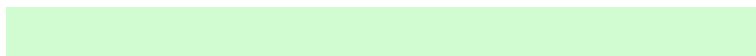
149, 194, 242

Complementary

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



250, 208, 251



208, 251, 250

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, 205, 236



250, 208, 251



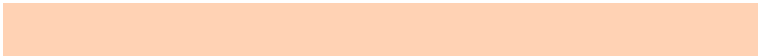
174, 226, 182

Square

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



250, 208, 251



255, 230, 180



189, 230, 232



157, 199, 255

Rectangle

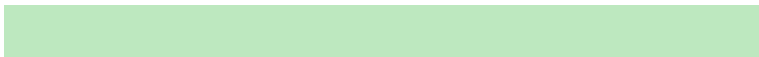
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



250, 208, 251



255, 203, 209



189, 230, 232



152, 195, 236

Sweetspot

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



250, 208, 251



255, 242, 255



208, 209, 251



127, 120, 128



0, 0, 0



128, 128, 128

Same Dimension

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



250, 208, 251



254, 201, 255



251, 208, 231



125, 112, 125



184, 0, 189



60, 0, 61

Inverse Universe

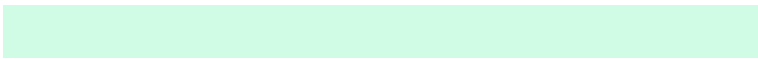
The Inverse Universe completely reimagines the original color for something new.



251, 208, 209



255, 201, 203



208, 237, 251



125, 112, 113



189, 0, 4



61, 0, 1

Previews

White Background



This preview shows how the RYB color 250, 208, 251 looks on a white background.

Color Contrast Check

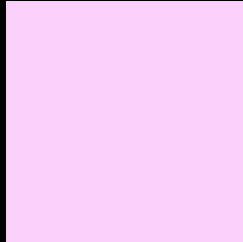
Large Text (above 18pt) WCAG AA × Fail

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 250, 208, 251 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 250, 208, 251 Background



This preview shows how black text looks on a background with the RYB color 250, 208, 251.



This preview shows how white text looks on a background with the RYB color 250, 208, 251.

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
247, 212, 228

Trichromacy



Original Color

250, 208, 251



Protanomaly

228, 216, 254



Deuteranomaly

237, 213, 250



Tritanomaly

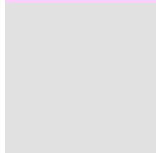
248, 211, 236

Monochromacy



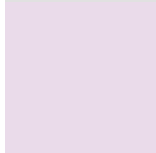
Original Color

250, 208, 251



Achromatopsia

225, 225, 225



Achromatomaly

234, 219, 234

CSS Examples

Text

The CSS property to change the color of the text to RYB 250, 208, 251 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(250, 208, 251)` looks like.

```
.text, #text, p{  
    color:rgb(250, 208, 251)  
}
```

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(250, 208, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 208, 251) }
```

Border

The CSS property to change the border of an element to RYB 250, 208, 251 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(250, 208, 251) }
```

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

```
.border{ border-color:rgb(250, 208, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 208, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 208, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 208, 251);  
box-shadow:4px 4px 4px 4px rgb(250, 208,  
251) }
```

Background

The CSS property to change the background color of an element to RYB 250, 208, 251 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 208, 251) }
```

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

```
.background{ background-color: rgb(250,  
208, 251) }
```

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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