

Converting Colors

`RYB(250, 217, 241)`

Have a look what the booklet for RYB(250, 217, 241) contains.

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Color

R_YB(250, 217, 241)

Conversions

Conversions Part 1

Format	Color
Hex	FAD9F1
RGB	250, 217, 241
RGB Percent	98%, 85%, 95%
CMY	0.0196, 0.1490, 0.0549
CMYK	0.00, 0.13, 0.04, 0.02
HSL	316°, 77%, 92%
HSV	316°, 13%, 98%
XYZ	80.1144, 76.3006, 93.7241
YIQ	229.6030, 11.9640, 14.4600

Conversions

Conversions Part 2

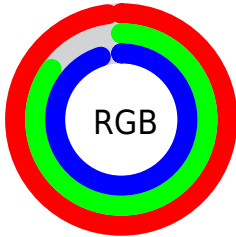
Format	Color
R _Y B	250, 217, 241
Decimal	16439793
CIE Lab	90.00, 15.42, -7.49
CIE LCh	90, 17.144, 334.078
Yxy	76.3006, 0.3203, 0.3050
Android (android.graphics.Color)	4294629873 (0xFFFAD9F1)
YUV	229.6030, 5.6187, 17.8882
Hunter-Lab	87.3502, 10.8508, -2.4712

Details

The RYB color **250, 217, 241** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **217, 243, 250**, and the grayscale version is **230, 230, 230**.

A 20% lighter version of the original color is **255, 255, 255**, and **193, 162, 185** is the 20% darker color. If you saturate the color by 10%, you get **250, 192, 234**, and if you desaturate by 10%, it is **250, 242, 248**.

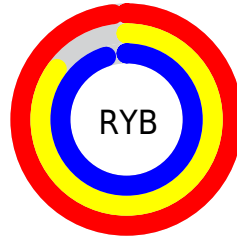
Distribution



Red (98%)

Green (85%)

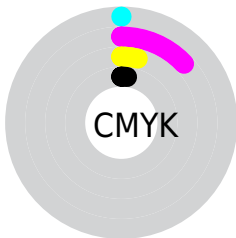
Blue (95%)



Red (98%)

Yellow (85%)

Blue (95%)

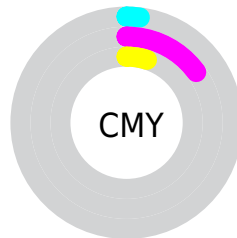


Cyan (0%)

Magenta (13%)

Yellow (4%)

Black (2%)



Cyan (2%)

Magenta (15%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the RYB color 250, 217, 241 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, 217, 241 by changing the saturation by 10% instead.

250, 217, 241

255, 255, 255

250, 217, 241

221, 189, 213

193, 162, 185

166, 136, 158

140, 110, 132

114, 86, 107

89, 62, 83


65, 40, 59

43, 19, 38


25, 0, 17

 250, 217, 241


 250, 217, 241


 250, 192, 234


 250, 242, 248


 250, 167, 227

 250, 253, 255


 250, 142, 221

 250, 117, 214

 250, 92, 207

 250, 67, 200

 250, 42, 193

 250, 17, 186

 250, 0, 182

Harmonies

Analogous

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



232, 221, 253



250, 217, 241



255, 215, 225

Triad

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



250, 217, 241



209, 237, 194



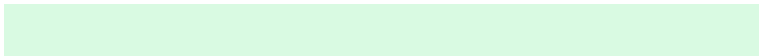
184, 212, 244

Complementary

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



250, 217, 241



217, 243, 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.



188, 214, 236



250, 217, 241



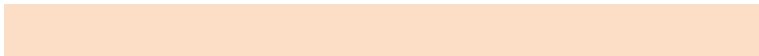
199, 231, 211

Square

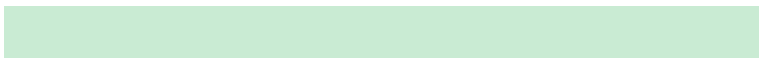
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



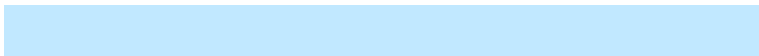
250, 217, 241



252, 240, 197



201, 227, 235



193, 217, 255

Rectangle

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



250, 217, 241



255, 216, 214



201, 227, 235



184, 211, 239

Sweetspot

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



250, 217, 241



255, 245, 252



226, 217, 250



128, 121, 126



0, 0, 0



128, 128, 128

Same Dimension

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



250, 217, 241



255, 214, 244



250, 217, 225



125, 112, 122



189, 0, 137



61, 0, 45

Inverse Universe

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



250, 217, 241



255, 214, 244



217, 236, 250



125, 112, 122



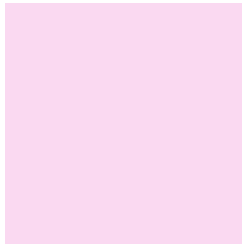
189, 0, 137



61, 0, 45

Previews

White Background



This preview shows how the RYB color 250, 217, 241 looks on a white background.

Color Contrast Check

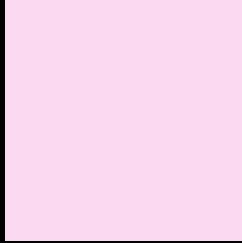
Large Text (above 18pt) WCAG AA × Fail

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, 217, 241 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, 217, 241 Background



This preview shows how black text looks on a background with the RYB color 250, 217, 241.



This preview shows how white text looks on a background with the RYB color 250, 217, 241.

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
250, 217, 241

Protanopia
225, 225, 246

Deuteranopia
242, 220, 240



Tritanopia
249, 218, 235

Trichromacy



Original Color

250, 217, 241

Protanomaly

234, 222, 244

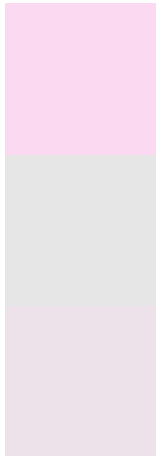
Deuteranomaly

245, 219, 240

Tritanomaly

249, 218, 237

Monochromacy



Original Color

250, 217, 241

Achromatopsia

230, 230, 230

Achromatomaly

237, 225, 234

CSS Examples

Text

The CSS property to change the color of the text to RYB 250, 217, 241 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, 217, 241) looks like.

```
.text, #text, p{  
    color:rgb(250, 217, 241)  
}
```

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, 217, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 217, 241) }
```

Border

The CSS property to change the border of an element to RYB 250, 217, 241 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, 217, 241) }
```

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

```
.border{ border-color:rgb(250, 217, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 217, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 217, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 217, 241);  
box-shadow:4px 4px 4px 4px rgb(250, 217,  
241) }
```

Background

The CSS property to change the background color of an element to RYB 250, 217, 241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 217, 241) }
```

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

```
.background{ background-color: rgb(250,  
217, 241) }
```

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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