

Converting Colors

`RYB(252, 217, 240)`

Have a look what the booklet for
RYB(252, 217, 240) contains.

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Color

`RYB(252, 217, 240)`

Conversions

Conversions Part 1

Format	Color
Hex	FCD9F0
RGB	252, 217, 240
RGB Percent	99%, 85%, 94%
CMY	0.0118, 0.1490, 0.0588
CMYK	0.00, 0.14, 0.05, 0.01
HSL	321°, 85%, 92%
HSV	321°, 14%, 99%
XYZ	80.6859, 76.6124, 92.9731
YIQ	230.0870, 13.4770, 14.5730

Conversions

Conversions Part 2

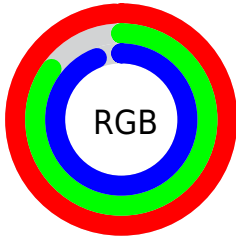
Format	Color
R _{YB}	252, 217, 240
Decimal	16570864
CIE Lab	90.14, 15.92, -6.74
CIE LCh	90, 17.285, 337.062
Yxy	76.6124, 0.3224, 0.3061
Android (android.graphics.Color)	4294760944 (0xFFFC9F0)
YUV	230.0870, 4.8871, 19.2177
Hunter-Lab	87.5285, 11.3707, -1.7081

Details

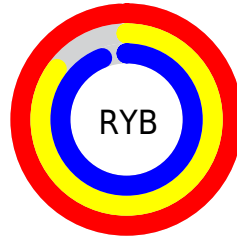
The RYB color **252, 217, 240** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **217, 243, 252**, and the grayscale version is **230, 230, 230**.

A 20% lighter version of the original color is **255, 255, 255**, and **195, 162, 184** is the 20% darker color. If you saturate the color by 10%, you get **252, 192, 231**, and if you desaturate by 10%, it is **252, 242, 249**.

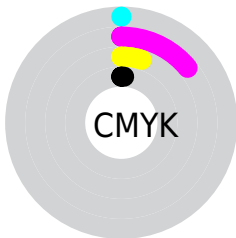
Distribution



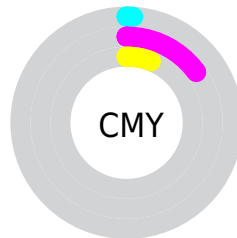
- Red (99%)
- Green (85%)
- Blue (94%)



- Red (99%)
- Yellow (85%)
- Blue (94%)



- Cyan (0%)
- Magenta (14%)
- Yellow (5%)
- Black (1%)



- Cyan (1%)
- Magenta (15%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the RYB color 252, 217, 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 252, 217, 240 by changing the saturation by 10% instead.

 252, 217, 240

255, 255, 255


 252, 217, 240


 223, 189, 212

 195, 162, 184


 168, 136, 157

 141, 110, 131

 116, 86, 106

 91, 62, 82

 67, 40, 59

 44, 19, 37

 26, 0, 16

252, 217, 240

252, 217, 240

252, 192, 231

252, 242, 249

252, 167, 223

252, 254, 255

252, 141, 214

252, 116, 205

252, 91, 197

252, 66, 188

252, 41, 180

252, 15, 171

252, 0, 166

Harmonies

Analogous

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



235, 221, 253



252, 217, 240



255, 215, 223

Triad

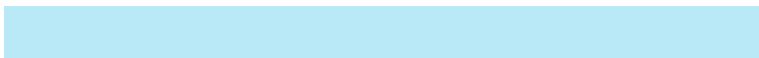
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



252, 217, 240



205, 236, 194



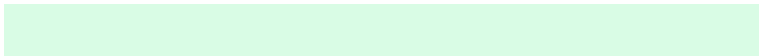
185, 212, 246

Complementary

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



252, 217, 240



217, 243, 252

Split Complementary

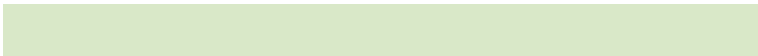
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



187, 214, 237



252, 217, 240



200, 232, 215

Square

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



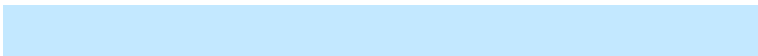
252, 217, 240



252, 240, 197



199, 225, 235



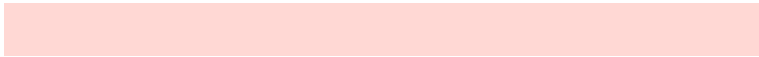
195, 218, 255

Rectangle

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



252, 217, 240



255, 216, 212



199, 225, 235



184, 211, 241

Sweetspot

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



252, 217, 240



255, 245, 252



229, 217, 252



128, 121, 125



0, 0, 0



128, 128, 128

Same Dimension

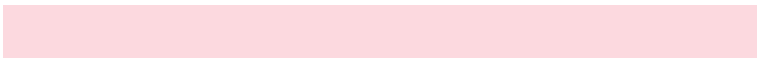
The Same Dimension uses a secret algorithm to generate beautiful new colors.



252, 217, 240



255, 212, 240



252, 217, 223



125, 112, 121



189, 0, 124



61, 0, 40

Inverse Universe

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



252, 217, 240



255, 212, 240



217, 236, 252



125, 112, 121



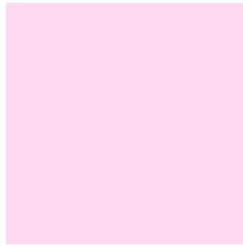
189, 0, 124



61, 0, 40

Previews

White Background



This preview shows how the RYB color 252, 217, 240 looks on a white background.

Color Contrast Check

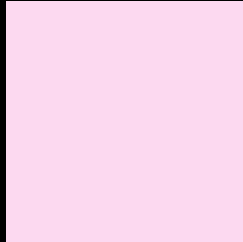
Large Text (above 18pt) WCAG AA × Fail

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 252, 217, 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 252, 217, 240 Background



This preview shows how black text looks on a background with the RYB color 252, 217, 240.



This preview shows how white text looks on a background with the RYB color 252, 217, 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
252, 217, 240

Protanopia
226, 225, 245

Deuteranopia
243, 220, 239



Tritanopia
251, 218, 235

Trichromacy



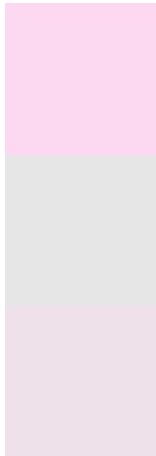
Original Color
252, 217, 240

Protanomaly
235, 222, 243

Deuteranomaly
246, 219, 239

Tritanomaly
251, 218, 237

Monochromacy



Original Color
252, 217, 240

Achromatopsia
230, 230, 230

Achromatomaly
238, 225, 234

CSS Examples

Text

The CSS property to change the color of the text to RYB 252, 217, 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(252, 217, 240) looks like.

```
.text, #text, p{  
    color:rgb(252, 217, 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(252, 217, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 217, 240) }
```

Border

The CSS property to change the border of an element to RYB 252, 217, 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(252, 217, 240) }
```

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

```
.border{ border-color:rgb(252, 217, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 217, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 217, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 217, 240);  
box-shadow:4px 4px 4px 4px rgb(252, 217,  
240) }
```

Background

The CSS property to change the background color of an element to RYB 252, 217, 240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 217, 240) }
```

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

```
.background{ background-color: rgb(252,  
217, 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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