

Converting Colors

`RYB(240, 217, 241)`

Have a look what the booklet for RYB(240, 217, 241) contains.

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Color

R_YB(240, 217, 241)

Conversions

Conversions Part 1

Format	Color
Hex	F0D9F1
RGB	240, 217, 241
RGB Percent	94%, 85%, 95%
CMY	0.0588, 0.1490, 0.0549
CMYK	0.00, 0.10, 0.00, 0.05
HSL	298°, 46%, 90%
HSV	298°, 10%, 95%
XYZ	76.6252, 74.5018, 93.5608
YIQ	226.6130, 6.0040, 12.3400

Conversions

Conversions Part 2

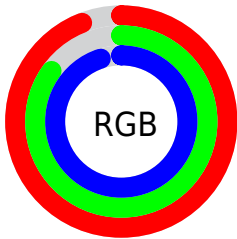
Format	Color
R _Y B	240, 217, 241
Decimal	15784433
CIE Lab	89.16, 12.08, -8.83
CIE LCh	89, 14.964, 323.828
Yxy	74.5018, 0.3132, 0.3045
Android (android.graphics.Color)	4293974513 (0xFFFF0D9F1)
YUV	226.6130, 7.0928, 11.7404
Hunter-Lab	86.3145, 7.4122, -3.8474

Details

The RYB color **240, 217, 241** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **217, 241, 240**, and the grayscale version is **227, 227, 227**.

A 20% lighter version of the original color is 255, 255, 255, and **184, 162, 185** is the 20% darker color. If you saturate the color by 10%, you get **239, 193, 241**, and if you desaturate by 10%, it is **241, 241, 241**.

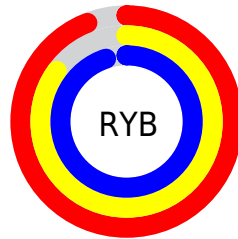
Distribution



Red (94%)

Green (85%)

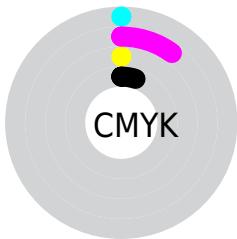
Blue (95%)



Red (94%)

Yellow (85%)

Blue (95%)

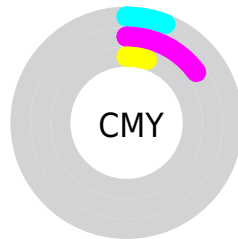


Cyan (0%)

Magenta (10%)

Yellow (0%)

Black (5%)



Cyan (6%)

Magenta (15%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the RYB color 240, 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 240, 217, 241 by changing the saturation by 10% instead.

■ 240, 217, 241

255, 255, 255

■ 240, 217, 241

■ 212, 189, 213

■ 184, 162, 185

■ 157, 136, 158

■ 131, 110, 132

■ 106, 86, 107

■ 81, 63, 83


■ 58, 41, 59


■ 36, 20, 38

■ 13, 0, 17

 240, 217, 241

 240, 217, 241

 239, 193, 241


 241, 241, 241


 238, 169, 241

 241, 255, 254


 237, 145, 241


 241, 255, 253


 236, 121, 241

 241, 255, 252


 235, 97, 241

 241, 255, 251


 234, 72, 241


 241, 255, 250


 233, 48, 241

 241, 255, 249

 232, 24, 241

 241, 255, 248

 231, 0, 241

 241, 255, 247

Harmonies

Analogous

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



223, 221, 250



240, 217, 241



251, 215, 227

Triad

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



240, 217, 241



224, 239, 196



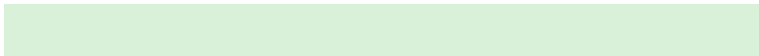
188, 211, 235

Complementary

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



240, 217, 241



217, 241, 240

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.



194, 217, 232



240, 217, 241



198, 227, 202

Square

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



240, 217, 241



250, 227, 201



207, 230, 230



192, 214, 246

Rectangle

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



240, 217, 241



255, 214, 218



207, 230, 230



189, 212, 233

Sweetspot

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



240, 217, 241



255, 247, 255



217, 218, 241



127, 122, 128



0, 0, 0



128, 128, 128

Same Dimension

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



240, 217, 241



254, 224, 255



241, 217, 230



119, 108, 120



176, 0, 184



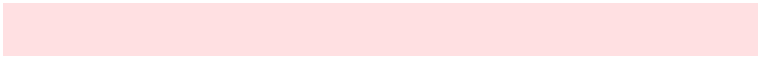
54, 0, 56

Inverse Universe

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



241, 217, 218



255, 224, 226



217, 233, 241



120, 108, 108



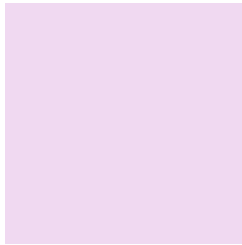
184, 0, 8



56, 0, 2

Previews

White Background



This preview shows how the RYB color 240, 217, 241 looks on a white background.

Color Contrast Check

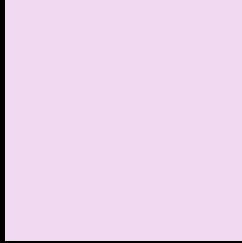
Large Text (above 18pt) WCAG AA × Fail

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 240, 217, 241 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

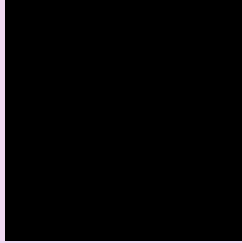
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

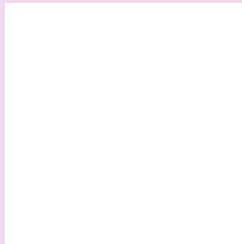
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 240, 217, 241 Background



This preview shows how black text looks on a background with the RYB color 240, 217, 241.



This preview shows how white text looks on a background with the RYB color 240, 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
[240](#), [217](#), [241](#)

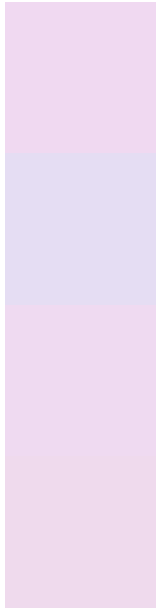
Protanopia
[222](#), [223](#), [244](#)

Deuteranopia
[238](#), [218](#), [241](#)



Tritanopia
239, 218, 235

Trichromacy



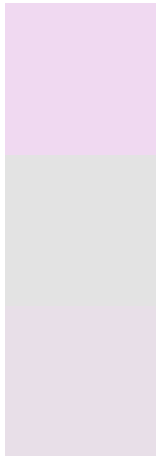
Original Color
240, 217, 241

Protanomaly
229, 221, 243

Deuteranomaly
239, 218, 241

Tritanomaly
239, 218, 237

Monochromacy



Original Color
240, 217, 241

Achromatopsia
227, 227, 227

Achromatomaly
232, 223, 232

CSS Examples

Text

The CSS property to change the color of the text to RYB 240, 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(240, 217, 241) looks like.

```
.text, #text, p{  
    color:rgb(240, 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(240, 217, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 217, 241) }
```

Border

The CSS property to change the border of an element to RYB 240, 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(240, 217, 241) }
```

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

```
.border{ border-color:rgb(240, 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(240, 217, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 217, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 217, 241);  
box-shadow:4px 4px 4px 4px rgb(240, 217,  
241) }
```

Background

The CSS property to change the background color of an element to RYB 240, 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(240, 217, 241) }
```

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

```
.background{ background-color: rgb(240,  
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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