

Converting Colors

`RYB(231, 217, 241)`

Have a look what the booklet for RYB(231, 217, 241) contains.

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Color

R_{YB}(231, 217, 241)

Conversions

Conversions Part 1

Format	Color
Hex	E7D9F1
RGB	231, 217, 241
RGB Percent	91%, 85%, 95%
CMY	0.0941, 0.1490, 0.0549
CMYK	0.04, 0.10, 0.00, 0.05
HSL	275°, 46%, 90%
HSV	275°, 10%, 95%
XYZ	73.6450, 72.9655, 93.4213
YIQ	223.9220, 0.6400, 10.4320

Conversions

Conversions Part 2

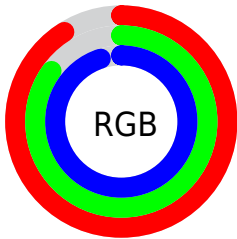
Format	Color
R_{YB}	231, 217, 241
Decimal	15194609
CIE Lab	88.43, 9.10, -9.99
CIE LCh	88, 13.517, 312.337
Yxy	72.9655, 0.3068, 0.3040
Android (android.graphics.Color)	4293384689 (0xFFE7D9F1)
YUV	223.9220, 8.4195, 6.2074
Hunter-Lab	85.4198, 4.4097, -5.0499

Details

The RYB color **231, 217, 241** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **217, 241, 231**, and the grayscale version is **224, 224, 224**.

A 20% lighter version of the original color is **255, 255, 255**, and **175, 162, 185** is the 20% darker color. If you saturate the color by 10%, you get **221, 193, 241**, and if you desaturate by 10%, it is **241, 241, 241**.

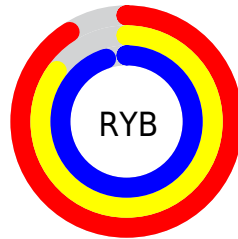
Distribution



Red (91%)

Green (85%)

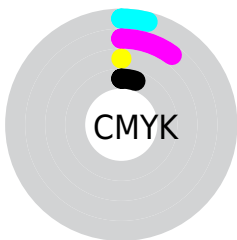
Blue (95%)



Red (91%)

Yellow (85%)

Blue (95%)

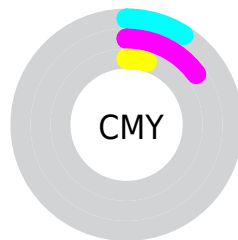


Cyan (4%)

Magenta (10%)

Yellow (0%)

Black (5%)



Cyan (9%)

Magenta (15%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the RYB color 231, 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 231, 217, 241 by changing the saturation by 10% instead.

■ 231, 217, 241

255, 255, 255

■ 231, 217, 241

■ 203, 189, 213

■ 175, 162, 185

■ 149, 136, 158

■ 123, 111, 132

■ 98, 86, 107

■ 74, 63, 82


■ 51, 41, 59


■ 30, 21, 38


■ 0, 0, 17

 231, 217, 241


 231, 217, 241

 221, 193, 241


 241, 241, 241


 211, 169, 241


 241, 255, 245


 201, 145, 241


 241, 255, 241

 191, 121, 241

 181, 97, 241

 171, 72, 241

 161, 48, 241

 151, 24, 241

 141, 0, 241

Harmonies

Analogous

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



215, 220, 247



231, 217, 241



244, 214, 230

Triad

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



231, 217, 241



240, 236, 198



191, 211, 230

Complementary

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



231, 217, 241



217, 241, 231

Split Complementary

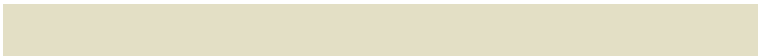
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



199, 219, 229



231, 217, 241



202, 227, 197

Square

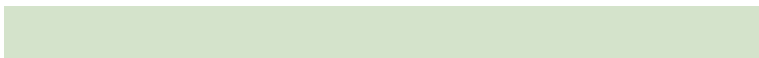
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



231, 217, 241



248, 218, 205



203, 227, 218



191, 212, 239

Rectangle

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



231, 217, 241



248, 213, 221



203, 227, 218



192, 213, 230

Sweetspot

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



231, 217, 241



252, 247, 255



217, 224, 241



125, 122, 128



0, 0, 0



128, 128, 128

Same Dimension

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



231, 217, 241



242, 224, 255



241, 217, 239



115, 108, 120



107, 0, 184



33, 0, 56

Inverse Universe

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



241, 217, 227



255, 224, 237



217, 239, 241



120, 108, 113



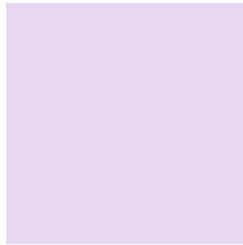
184, 0, 76



56, 0, 23

Previews

White Background



This preview shows how the RYB color 231, 217, 241 looks on a white background.

Color Contrast Check

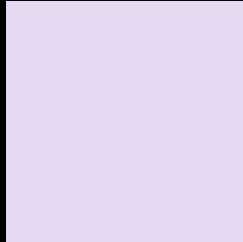
Large Text (above 18pt) WCAG AA × Fail

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 231, 217, 241 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

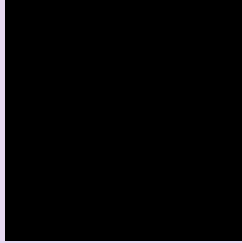
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

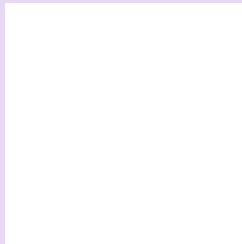
Any Text WCAG AAA ✓ Pass

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

RYB 231, 217, 241 Background



This preview shows how black text looks on a background with the RYB color 231, 217, 241.

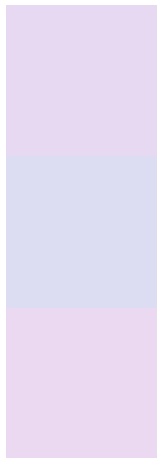


This preview shows how white text looks on a background with the RYB color 231, 217, 241.

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
231, 217, 241

Protanopia
220, 220, 243

Deuteranopia
235, 216, 241



Tritanopia

230, 218, 235

Trichromacy



Original Color

231, 217, 241

Protanomaly

224, 219, 242

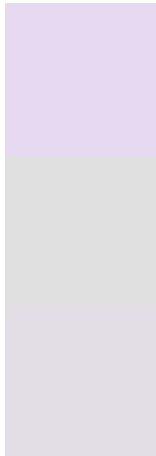
Deuteranomaly

234, 216, 241

Tritanomaly

230, 218, 237

Monochromacy



Original Color

231, 217, 241

Achromatopsia

224, 224, 224

Achromatomaly

227, 221, 230

CSS Examples

Text

The CSS property to change the color of the text to RYB 231, 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(231, 217, 241) looks like.

```
.text, #text, p{  
    color:rgb(231, 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(231, 217, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 217, 241) }
```

Border

The CSS property to change the border of an element to RYB 231, 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(231, 217, 241) }
```

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

```
.border{ border-color:rgb(231, 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(231, 217, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 217, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 217, 241);  
box-shadow:4px 4px 4px 4px rgb(231, 217,  
241) }
```

Background

The CSS property to change the background color of an element to RYB 231, 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(231, 217, 241) }
```

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

```
.background{ background-color: rgb(231,  
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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