

Converting Colors

`RYB(230, 221, 239)`

Have a look what the booklet for
RYB(230, 221, 239) contains.

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Color

R_YB(230, 221, 239)

Conversions

Conversions Part 1

Format	Color
Hex	E6DDEF
RGB	230, 221, 239
RGB Percent	90%, 87%, 94%
CMY	0.0980, 0.1333, 0.0627
CMYK	0.04, 0.08, 0.00, 0.06
HSL	270°, 36%, 90%
HSV	270°, 8%, 94%
XYZ	74.0696, 74.7679, 92.1891
YIQ	225.7430, -0.4140, 7.5060

Conversions

Conversions Part 2

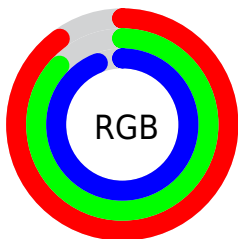
Format	Color
R _Y B	230, 221, 239
Decimal	15130095
CIE Lab	89.28, 6.31, -7.68
CIE LCh	89, 9.940, 309.391
Yxy	74.7679, 0.3073, 0.3102
Android (android.graphics.Color)	4293320175 (0xFFE6DDEF)
YUV	225.7430, 6.5357, 3.7334
Hunter-Lab	86.4684, 1.5848, -2.6847

Details

The RYB color **230, 221, 239** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **221, 239, 230**, and the grayscale version is **226, 226, 226**.

A 20% lighter version of the original color is **255, 255, 255**, and **174, 166, 183** is the 20% darker color. If you saturate the color by 10%, you get **218, 197, 239**, and if you desaturate by 10%, it is **239, 245, 242**.

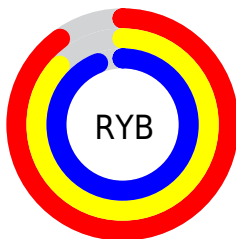
Distribution



Red (90%)

Green (87%)

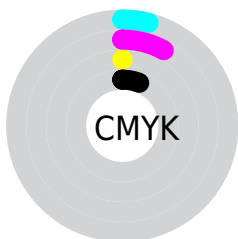
Blue (94%)



Red (90%)

Yellow (87%)

Blue (94%)

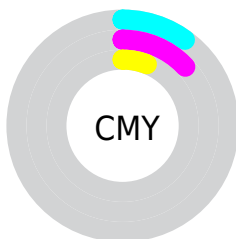


Cyan (4%)

Magenta (8%)

Yellow (0%)

Black (6%)



Cyan (10%)

Magenta (13%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the RYB color 230, 221, 239 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 230, 221, 239 by changing the saturation by 10% instead.

■ 230, 221, 239

255, 255, 255

■ 230, 221, 239

■ 202, 193, 211

■ 174, 166, 183

■ 148, 140, 156

■ 122, 114, 130

■ 97, 90, 105

■ 73, 66, 81


■ 51, 44, 58

■ 30, 24, 36

■ 1, 0, 15

 230, 221, 239

 230, 221, 239

 218, 197, 239


 239, 245, 242


 206, 173, 239


 239, 255, 240


 194, 149, 239

 239, 255, 239

 182, 125, 239

 170, 102, 239

 158, 78, 239

 146, 54, 239

 134, 30, 239

 122, 6, 239

Harmonies

Analogous

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



218, 223, 243



230, 221, 239



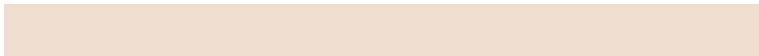
240, 219, 231

Triad

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



230, 221, 239



239, 235, 207



202, 217, 230

Complementary

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



230, 221, 239



221, 239, 230

Split Complementary

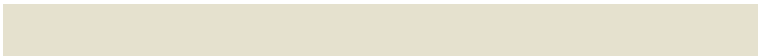
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



208, 223, 229



230, 221, 239



211, 229, 206

Square

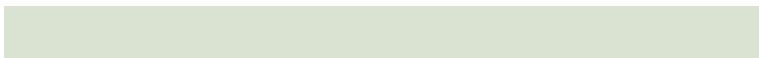
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



230, 221, 239



244, 220, 213



210, 227, 219



202, 217, 236

Rectangle

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



230, 221, 239



244, 218, 225



210, 227, 219



203, 218, 230

Sweetspot

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



230, 221, 239



252, 250, 255



221, 227, 239



126, 125, 128



0, 0, 0



128, 128, 128

Same Dimension

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



230, 221, 239



244, 232, 255



239, 221, 239



114, 108, 120



92, 0, 184



28, 0, 56

Inverse Universe

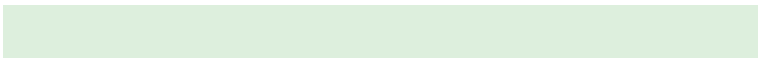
The Inverse Universe completely reimagines the original color for something new.



239, 221, 230



255, 232, 244



221, 239, 239



120, 108, 114



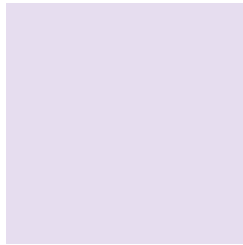
184, 0, 92



56, 0, 28

Previews

White Background



This preview shows how the RYB color 230, 221, 239 looks on a white background.

Color Contrast Check

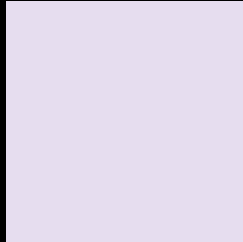
Large Text (above 18pt) WCAG AA × Fail

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 230, 221, 239 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

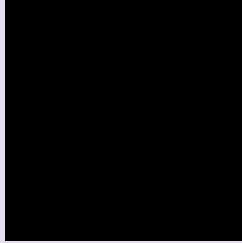
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

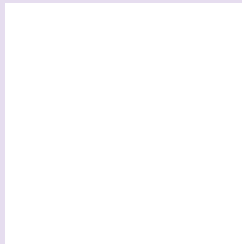
Any Text WCAG AAA ✓ Pass

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

RYB 230, 221, 239 Background



This preview shows how black text looks on a background with the RYB color 230, 221, 239.



This preview shows how white text looks on a background with the RYB color 230, 221, 239.

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
230, 221, 239

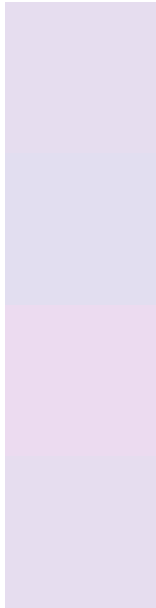
Protanopia
224, 223, 240

Deuteranopia
239, 218, 240



Tritanopia
230, 221, 239

Trichromacy



Original Color

230, 221, 239

Protanomaly

226, 222, 240

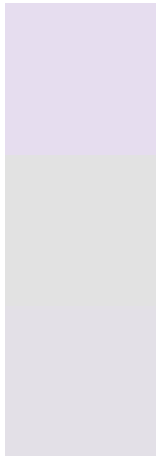
Deuteranomaly

236, 219, 240

Tritanomaly

230, 221, 239

Monochromacy



Original Color

230, 221, 239

Achromatopsia

226, 226, 226

Achromatomaly

227, 224, 231

CSS Examples

Text

The CSS property to change the color of the text to RYB 230, 221, 239 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(230, 221, 239) looks like.

```
.text, #text, p{  
    color:rgb(230, 221, 239)  
}
```

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(230, 221, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 221, 239) }
```

Border

The CSS property to change the border of an element to RYB 230, 221, 239 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(230, 221, 239) }
```

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

```
.border{ border-color:rgb(230, 221, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 221, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 221, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 221, 239);  
box-shadow:4px 4px 4px 4px rgb(230, 221,  
239) }
```

Background

The CSS property to change the background color of an element to RGB 230, 221, 239 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 221, 239) }
```

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

```
.background{ background-color: rgb(230,  
221, 239) }
```

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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