

Converting Colors

`RYB(221, 217, 234)`

Have a look what the booklet for
RYB(221, 217, 234) contains.

RYB(221, 217, 234)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RYB(221, 217, 234)

Conversions

Conversions Part 1

Format	Color
Hex	DDD9EA
RGB	221, 217, 234
RGB Percent	87%, 85%, 92%
CMY	0.1333, 0.1490, 0.0824
CMYK	0.06, 0.07, 0.00, 0.08
HSL	254°, 29%, 88%
HSV	254°, 7%, 92%
XYZ	69.4829, 70.9384, 87.8722
YIQ	220.1340, -3.0730, 6.1350

Conversions

Conversions Part 2

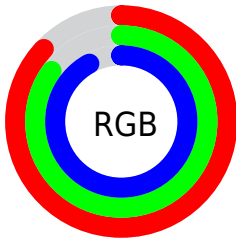
Format	Color
R _Y B	221, 217, 234
Decimal	14539242
CIE Lab	87.46, 4.49, -7.84
CIE LCh	87, 9.032, 299.825
Yxy	70.9384, 0.3044, 0.3107
Android (android.graphics.Color)	4292729322 (0xFFDDD9EA)
YUV	220.1340, 6.8359, 0.7595
Hunter-Lab	84.2249, -0.1367, -2.9001

Details

The RYB color **221, 217, 234** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **217, 234, 221**, and the grayscale version is **220, 220, 220**.

A 20% lighter version of the original color is **255, 255, 255**, and **166, 162, 178** is the 20% darker color. If you saturate the color by 10%, you get **203, 194, 234**, and if you desaturate by 10%, it is **234, 240, 235**.

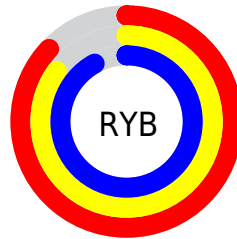
Distribution



Red (87%)

Green (85%)

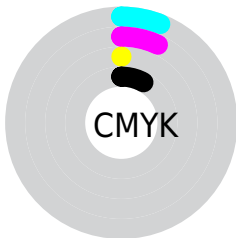
Blue (92%)



Red (87%)

Yellow (85%)

Blue (92%)

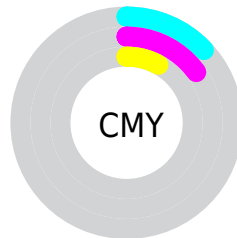


Cyan (6%)

Magenta (7%)

Yellow (0%)

Black (8%)



Cyan (13%)

Magenta (15%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the RYB color 221, 217, 234 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 221, 217, 234 by changing the saturation by 10% instead.

■ 221, 217, 234

255, 255, 255

■ 221, 217, 234

■ 193, 189, 206

■ 166, 162, 178

■ 140, 136, 152

■ 114, 111, 126

■ 90, 86, 101

■ 66, 63, 77

■ 44, 41, 54

■ 23, 21, 33

■ 0, 0, 8

■ 221, 217, 234

■ 221, 217, 234

■ 203, 194, 234

■ 234, 240, 235

■ 185, 170, 234

■ 234, 255, 234

■ 167, 147, 234

■ 149, 123, 234

■ 132, 100, 234

■ 114, 77, 234

■ 96, 53, 234

■ 78, 30, 234

■ 60, 6, 234

Harmonies

Analogous

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



210, 217, 236



221, 217, 234



231, 215, 228

Triad

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



221, 217, 234



234, 223, 205



200, 213, 224

Complementary

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



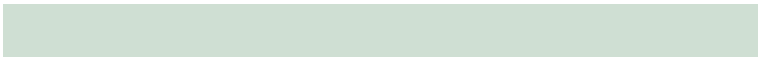
221, 217, 234



217, 234, 221

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.



207, 220, 223



221, 217, 234



216, 227, 202

Square

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



221, 217, 234



238, 214, 211



204, 221, 208



198, 212, 227

Rectangle

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



221, 217, 234



235, 214, 222



204, 221, 208



202, 215, 224

Sweetspot

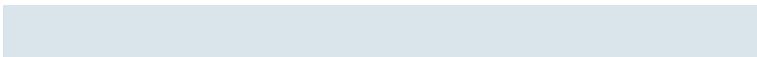
The Sweet Spot groups the original color and five complimentary colors.



221, 217, 234



251, 250, 255



217, 224, 234



126, 125, 128



0, 0, 0



128, 128, 128

Same Dimension

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



221, 217, 234



237, 232, 255



229, 217, 234



108, 106, 117



43, 0, 181



13, 0, 54

Inverse Universe

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



234, 217, 230



255, 232, 250



217, 234, 229



117, 106, 115



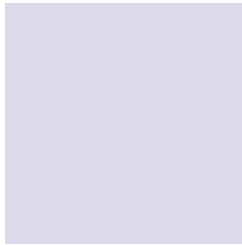
181, 0, 138



54, 0, 41

Previews

White Background



This preview shows how the RYB color 221, 217, 234 looks on a white background.

Color Contrast Check

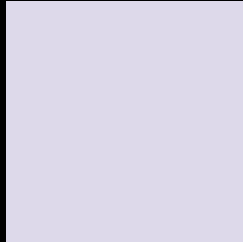
Large Text (above 18pt) WCAG AA × Fail

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 221, 217, 234 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

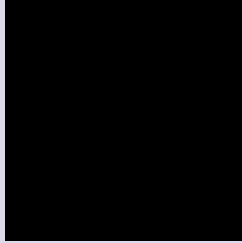
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

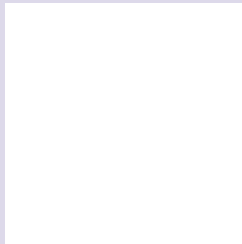
Any Text WCAG AAA ✓ Pass

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

R Y B 221, 217, 234 Background



This preview shows how black text looks on a background with the RYB color 221, 217, 234.

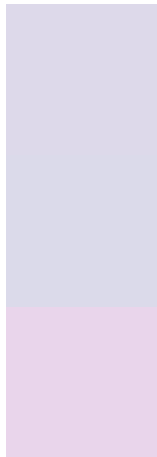


This preview shows how white text looks on a background with the RYB color 221, 217, 234.

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
221, 217, 234

Protanopia
219, 218, 234

Deuteranopia
233, 213, 235



Tritanopia

221, 217, 234

Trichromacy



Original Color
221, 217, 234

Protanomaly
220, 218, 234

Deuteranomaly
229, 214, 235

Tritanomaly
221, 217, 234

Monochromacy



Original Color
221, 217, 234

Achromatopsia
220, 220, 220

Achromatomaly
220, 219, 225

CSS Examples

Text

The CSS property to change the color of the text to RYB 221, 217, 234 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(221, 217, 234) looks like.

```
.text, #text, p{  
    color:rgb(221, 217, 234)  
}
```

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(221, 217, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 217, 234) }
```

Border

The CSS property to change the border of an element to RYB 221, 217, 234 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(221, 217, 234) }
```

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

```
.border{ border-color:rgb(221, 217, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 217, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 217, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 217, 234);  
box-shadow:4px 4px 4px 4px rgb(221, 217,  
234) }
```

Background

The CSS property to change the background color of an element to RGB 221, 217, 234 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 217, 234) }
```

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

```
.background{ background-color: rgb(221,  
217, 234) }
```

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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