

Converting Colors

`RYB(224, 215, 237)`

Have a look what the booklet for
RYB(224, 215, 237) contains.

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Color

R_YB(224, 215, 237)

Conversions

Conversions Part 1

Format	Color
Hex	E0D7ED
RGB	224, 215, 237
RGB Percent	88%, 84%, 93%
CMY	0.1216, 0.1569, 0.0706
CMYK	0.05, 0.09, 0.00, 0.07
HSL	265°, 38%, 89%
HSV	265°, 9%, 93%
XYZ	70.3270, 70.5626, 90.0341
YIQ	220.1990, -1.6980, 8.7500

Conversions

Conversions Part 2

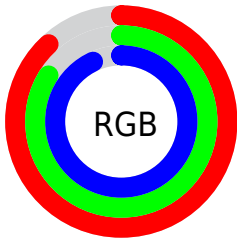
Format	Color
RYB	224, 215, 237
Decimal	14735341
CIELab	87.27, 7.10, -9.67
CIELCh	87, 11.991, 306.289
Yxy	70.5626, 0.3045, 0.3056
Android (android.graphics.Color)	4292925421 (0xFFE0D7ED)
YUV	220.1990, 8.2829, 3.3335
Hunter-Lab	84.0015, 2.4394, -4.7468

Details

The RYB color **224, 215, 237** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **215, 237, 224**, and the grayscale version is **220, 220, 220**.

A 20% lighter version of the original color is **255, 255, 255**, and **169, 160, 181** is the 20% darker color. If you saturate the color by 10%, you get **210, 191, 237**, and if you desaturate by 10%, it is **237, 239, 238**.

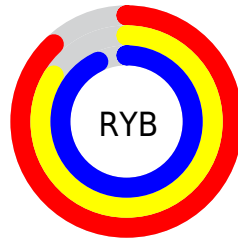
Distribution



Red (88%)

Green (84%)

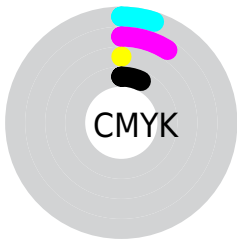
Blue (93%)



Red (88%)

Yellow (84%)

Blue (93%)

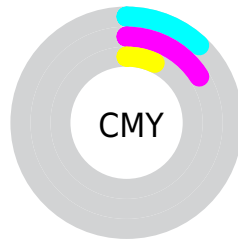


Cyan (5%)

Magenta (9%)

Yellow (0%)

Black (7%)



Cyan (12%)

Magenta (16%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the RYB color 224, 215, 237 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 224, 215, 237 by changing the saturation by 10% instead.

■ 224, 215, 237

255, 255, 255

■ 224, 215, 237

■ 196, 187, 209

■ 169, 160, 181

■ 142, 134, 154

■ 117, 109, 128

■ 92, 85, 103

■ 68, 61, 79


■ 46, 40, 56

■ 25, 19, 35

■ 0, 0, 12

 224, 215, 237


 224, 215, 237

 210, 191, 237


 237, 239, 238

 196, 168, 237


 237, 255, 240

 182, 144, 237

 237, 255, 237


 168, 120, 237

 154, 97, 237

 140, 73, 237

 126, 49, 237

 112, 25, 237

 98, 2, 237

Harmonies

Analogous

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



210, 217, 241



224, 215, 237



236, 212, 228

Triad

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



224, 215, 237



237, 228, 198



192, 210, 226

Complementary

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



224, 215, 237



215, 237, 224

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.



200, 218, 225



224, 215, 237



205, 226, 196

Square

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



224, 215, 237



243, 213, 206



200, 222, 209



191, 210, 232

Rectangle

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



224, 215, 237



241, 211, 220



200, 222, 209



194, 212, 225

Sweetspot

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



224, 215, 237



250, 247, 255



215, 223, 237



124, 122, 128



0, 0, 0



128, 128, 128

Same Dimension

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



224, 215, 237



238, 227, 255



235, 215, 237



110, 106, 117



74, 0, 181



22, 0, 54

Inverse Universe

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



237, 215, 228



255, 227, 244



215, 237, 235



117, 106, 113



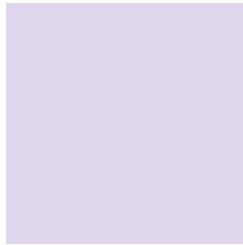
181, 0, 107



54, 0, 32

Previews

White Background



This preview shows how the RYB color 224, 215, 237 looks on a white background.

Color Contrast Check

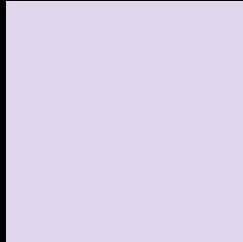
Large Text (above 18pt) WCAG AA × Fail

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 224, 215, 237 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

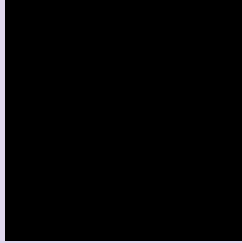
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

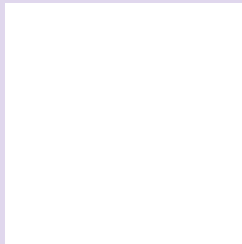
Any Text WCAG AAA ✓ Pass

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

RYB 224, 215, 237 Background



This preview shows how black text looks on a background with the RYB color 224, 215, 237.



This preview shows how white text looks on a background with the RYB color 224, 215, 237.

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](#).

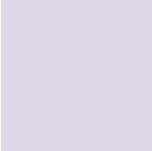
Dichromacy



Original Color
224, 215, 237

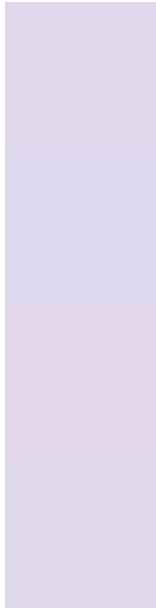
Protanopia
217, 217, 238

Deuteranopia
231, 213, 237



Tritanopia
223, 216, 233

Trichromacy



Original Color
224, 215, 237

Protanomaly
220, 216, 238

Deuteranomaly
228, 214, 237

Tritanomaly
223, 216, 234

Monochromacy



Original Color
224, 215, 237

Achromatopsia
220, 220, 220

Achromatomaly
221, 218, 226

CSS Examples

Text

The CSS property to change the color of the text to RYB 224, 215, 237 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(224, 215, 237)` looks like.

```
.text, #text, p{  
    color:rgb(224, 215, 237)  
}
```

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(224, 215, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 215, 237) }
```

Border

The CSS property to change the border of an element to RYB 224, 215, 237 is called "border". The border property can be set on classes, ids or directly on the HTML element.

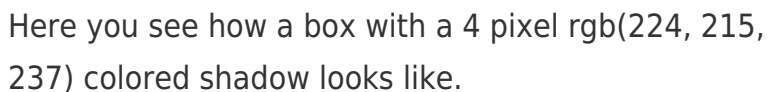
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(224, 215, 237) }
```

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

```
.border{ border-color:rgb(224, 215, 237) }
```

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



Here you see how a box with a 4 pixel `rgb(224, 215, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(224, 215, 237); -webkit-box-shadow:4px 4px 4px 4px rgb(224, 215, 237); box-shadow:4px 4px 4px 4px rgb(224, 215, 237) }
```

Background

The CSS property to change the background color of an element to RYB 224, 215, 237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 215, 237) }
```

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

```
.background{ background-color: rgb(224,  
215, 237) }
```

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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