

Converting Colors

`RYB(225, 171, 251)`

Have a look what the booklet for
RYB(225, 171, 251) contains.

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Color

R_YB(225, 171, 251)

Conversions

Conversions Part 1

Format	Color
Hex	E1ABFB
RGB	225, 171, 251
RGB Percent	88%, 67%, 98%
CMY	0.1176, 0.3294, 0.0157
CMYK	0.10, 0.32, 0.00, 0.02
HSL	280°, 91%, 83%
HSV	280°, 32%, 98%
XYZ	63.0268, 52.0984, 98.0009
YIQ	196.2660, 6.5040, 36.3280

Conversions

Conversions Part 2

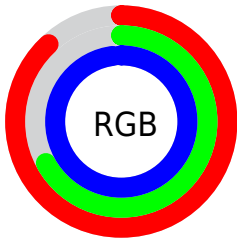
Format	Color
RYB	225, 171, 251
Decimal	14789627
CIELab	77.34, 33.69, -32.17
CIELCh	77, 46.581, 316.318
Yxy	52.0984, 0.2957, 0.2444
Android (android.graphics.Color)	4292979707 (0xFFE1ABFB)
YUV	196.2660, 26.9839, 25.1997
Hunter-Lab	72.1792, 29.5524, -29.9752

Details

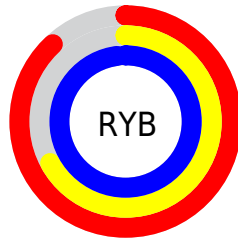
The RYB color **225, 171, 251** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **171, 251, 225**, and the grayscale version is **196, 196, 196**.

A 20% lighter version of the original color is **255, 227, 255**, and **169, 118, 194** is the 20% darker color. If you saturate the color by 10%, you get **217, 146, 251**, and if you desaturate by 10%, it is **233, 196, 251**.

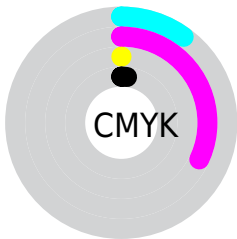
Distribution



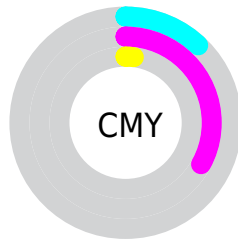
- Red (88%)
- Green (67%)
- Blue (98%)



- Red (88%)
- Yellow (67%)
- Blue (98%)



- Cyan (10%)
- Magenta (32%)
- Yellow (0%)
- Black (2%)




- Cyan (12%)
- Magenta (33%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the RYB color 225, 171, 251 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 225, 171, 251 by changing the saturation by 10% instead.

 225, 171, 251

 225, 171, 251

255, 255, 255

 197, 144, 222

 255, 227, 255

 169, 118, 194


 142, 93, 167

 115, 68, 140

 90, 45, 114

 65, 21, 90

 40, 0, 66

 18, 0, 43

 0, 1, 21

■ 225, 171, 251

■ 225, 171, 251

■ 217, 146, 251

■ 233, 196, 251

■ 209, 121, 251

■ 241, 221, 251

■ 201, 96, 251

■ 249, 246, 251

■ 192, 71, 251

■ 251, 255, 251

■ 184, 45, 251

■ 176, 20, 251

■ 169, 0, 251

Harmonies

Analogous

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



165, 183, 255



225, 171, 251



255, 159, 213

Triad

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



225, 171, 251



197, 235, 107



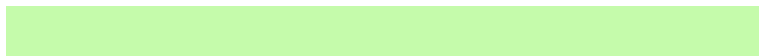
0, 107, 214

Complementary

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



225, 171, 251



171, 251, 225

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.



86, 162, 212



225, 171, 251



106, 196, 107

Square

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



225, 171, 251



255, 183, 130



130, 206, 190



0, 115, 252

Rectangle

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



225, 171, 251



255, 156, 183



130, 206, 190



1, 111, 214

Sweetspot

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



225, 171, 251



247, 230, 255



171, 191, 251



123, 112, 128



0, 0, 0



128, 128, 128

Same Dimension

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



225, 171, 251



224, 158, 255



251, 171, 238



121, 112, 125



127, 0, 189



41, 0, 61

Inverse Universe

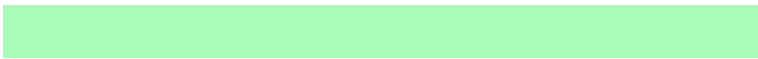
The Inverse Universe completely reimagines the original color for something new.



251, 171, 197



255, 158, 190



171, 240, 251



125, 112, 117



189, 0, 61



61, 0, 20

Previews

White Background



This preview shows how the RYB color 225, 171, 251 looks on a white background.

Color Contrast Check

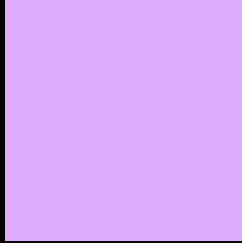
Large Text (above 18pt) WCAG AA × Fail

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 225, 171, 251 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

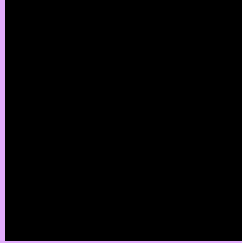
Any Text WCAG AA ✓ Pass

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 225, 171, 251 Background



This preview shows how black text looks on a background with the RYB color 225, 171, 251.



This preview shows how white text looks on a background with the RYB color 225, 171, 251.

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
225, 171, 251

Protanopia
172, 186, 255

Deuteranopia
180, 187, 248



Tritanopia
217, 182, 196

Trichromacy



Original Color
225, 171, 251



Protanomaly
191, 182, 254



Deuteranomaly
196, 182, 249



Tritanomaly
220, 178, 216

Monochromacy



Original Color
225, 171, 251



Achromatopsia
196, 196, 196



Achromatomaly
207, 187, 216

CSS Examples

Text

The CSS property to change the color of the text to RYB 225, 171, 251 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(225, 171, 251)` looks like.

```
.text, #text, p{  
    color:rgb(225, 171, 251)  
}
```

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(225, 171, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 171, 251) }
```

Border

The CSS property to change the border of an element to RYB 225, 171, 251 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(225, 171, 251) }
```

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

```
.border{ border-color:rgb(225, 171, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 171, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 171, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 171, 251);  
box-shadow:4px 4px 4px 4px rgb(225, 171,  
251) }
```

Background

The CSS property to change the background color of an element to RGB 225, 171, 251 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 171, 251) }
```

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

```
.background{ background-color: rgb(225,  
171, 251) }
```

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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