

Converting Colors

`RYB(227, 171, 218)`

Have a look what the booklet for RYB(227, 171, 218) contains.

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Color

R_YB(227, 171, 218)

Conversions

Conversions Part 1

Format	Color
Hex	E3ABDA
RGB	227, 171, 218
RGB Percent	89%, 67%, 85%
CMY	0.1098, 0.3294, 0.1451
CMYK	0.00, 0.25, 0.04, 0.11
HSL	310°, 50%, 78%
HSV	310°, 25%, 89%
XYZ	58.8964, 50.5187, 72.9766
YIQ	193.1020, 18.2890, 26.4890

Conversions

Conversions Part 2

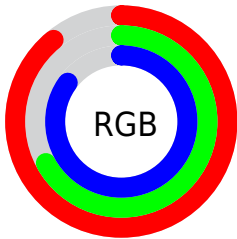
Format	Color
R_{YB}	227, 171, 218
Decimal	14920666
CIE _{Lab}	76.39, 28.05, -15.74
CIE _{LCh}	76, 32.168, 330.706
Yxy	50.5187, 0.3229, 0.2770
Android (android.graphics.Color)	4293110746 (0xFFE3ABDA)
YUV	193.1020, 12.2747, 29.7285
Hunter-Lab	71.0765, 23.5272, -11.1215

Details

The RYB color **227, 171, 218** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **171, 219, 227**, and the grayscale version is **193, 193, 193**.

A 20% lighter version of the original color is **255, 227, 255**, and **171, 118, 163** is the 20% darker color. If you saturate the color by 10%, you get **227, 148, 214**, and if you desaturate by 10%, it is **227, 194, 222**.

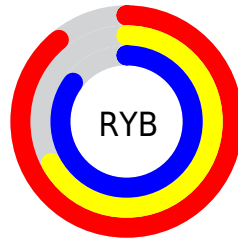
Distribution



Red (89%)

Green (67%)

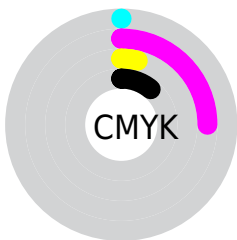
Blue (85%)



Red (89%)

Yellow (67%)

Blue (85%)

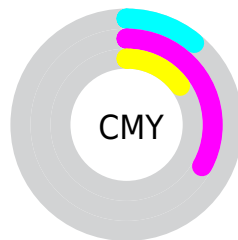


Cyan (0%)

Magenta (25%)

Yellow (4%)

Black (11%)



Cyan (11%)


Magenta (33%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the RYB color 227, 171, 218 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 227, 171, 218 by changing the saturation by 10% instead.


 227, 171, 218

255, 255, 255

 255, 227, 255

 227, 171, 218

 199, 144, 190

 171, 118, 163

 144, 93, 137

 118, 69, 111

 92, 45, 87

 68, 22, 63

 45, 0, 41

 19, 0, 20

 0, 0, 0

■ 227, 171, 218

■ 227, 171, 218

■ 227, 148, 214

■ 227, 194, 222

■ 227, 126, 211

■ 227, 216, 225

■ 227, 103, 207

■ 227, 237, 239

■ 227, 80, 203

■ 227, 250, 255

■ 227, 57, 200

■ 227, 248, 255

■ 227, 35, 196

■ 227, 246, 255

■ 227, 12, 192

■ 227, 244, 255

■ 227, 0, 191

■ 227, 243, 255

■ 227, 242, 255

Harmonies

Analogous

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



194, 181, 239



227, 171, 218



245, 166, 189

Triad

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



227, 171, 218



159, 209, 129



93, 152, 218

Complementary

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



227, 171, 218



171, 219, 227

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.



110, 162, 205



227, 171, 218



137, 196, 156

Square

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



227, 171, 218



233, 206, 137



142, 189, 202



110, 163, 239

Rectangle

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



227, 171, 218



248, 167, 169



142, 189, 202



95, 151, 208

Sweetspot

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



227, 171, 218



255, 237, 252



179, 171, 227



128, 117, 126



0, 0, 0



128, 128, 128

Same Dimension

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



227, 171, 218



255, 179, 243



227, 171, 191



115, 103, 113



179, 0, 150



51, 0, 43

Inverse Universe

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



227, 171, 218



255, 179, 243



171, 205, 227



115, 103, 113



179, 0, 150



51, 0, 43

Previews

White Background



This preview shows how the RYB color 227, 171, 218 looks on a white background.

Color Contrast Check

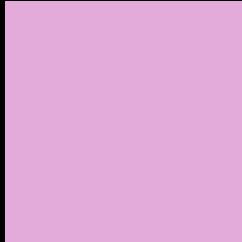
Large Text (above 18pt) WCAG AA × Fail

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 227, 171, 218 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

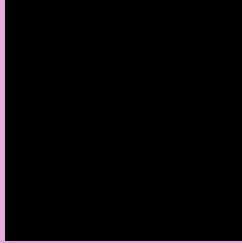
Any Text WCAG AA ✓ Pass

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 227, 171, 218 Background



This preview shows how black text looks on a background with the RYB color 227, 171, 218.



This preview shows how white text looks on a background with the RYB color 227, 171, 218.

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
227, 171, 218

Protanopia
180, 186, 229

Deuteranopia
194, 184, 216



Tritanopia
223, 176, 190

Trichromacy



Original Color

227, 171, 218



Protanomaly

197, 181, 225



Deuteranomaly

206, 179, 217



Tritanomaly

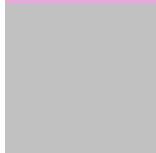
224, 174, 200

Monochromacy



Original Color

227, 171, 218



Achromatopsia

193, 193, 193



Achromatomaly

205, 185, 202

CSS Examples

Text

The CSS property to change the color of the text to RYB 227, 171, 218 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(227, 171, 218) looks like.

```
.text, #text, p{  
    color:rgb(227, 171, 218)  
}
```

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(227, 171, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 171, 218) }
```

Border

The CSS property to change the border of an element to RYB 227, 171, 218 is called "border". The border property can be set on classes, ids or directly on the HTML element.

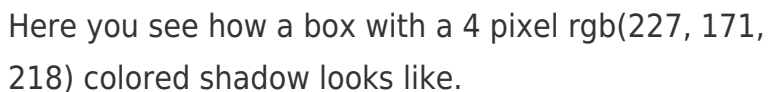
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(227, 171, 218) }
```

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

```
.border{ border-color:rgb(227, 171, 218) }
```

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



Here you see how a box with a 4 pixel `rgb(227, 171, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(227, 171, 218); -webkit-box-shadow:4px 4px 4px 4px rgb(227, 171, 218); box-shadow:4px 4px 4px 4px rgb(227, 171, 218) }
```

Background

The CSS property to change the background color of an element to RYB 227, 171, 218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 171, 218) }
```

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

```
.background{ background-color: rgb(227,  
171, 218) }
```

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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