

Converting Colors

`RYB(207, 171, 231)`

Have a look what the booklet for
RYB(207, 171, 231) contains.

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Color

R_YB(207, 171, 231)

Conversions

Conversions Part 1

Format	Color
Hex	CFABE7
RGB	207, 171, 231
RGB Percent	81%, 67%, 91%
CMY	0.1882, 0.3294, 0.0941
CMYK	0.10, 0.26, 0.00, 0.09
HSL	276°, 56%, 79%
HSV	276°, 26%, 91%
XYZ	54.7188, 48.1607, 82.0133
YIQ	188.6040, 2.1960, 26.2920

Conversions

Conversions Part 2

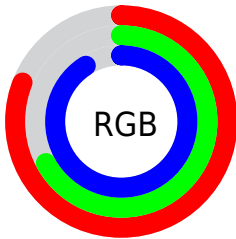
Format	Color
R_{YB}	207, 171, 231
Decimal	13609959
CIE _{Lab}	74.93, 24.02, -25.20
CIE _{LCh}	75, 34.817, 313.626
Yxy	48.1607, 0.2959, 0.2605
Android (android.graphics.Color)	4291800039 (0xFFCFABE7)
YUV	188.6040, 20.9012, 16.1333
Hunter-Lab	69.3979, 19.2972, -21.4893

Details

The RYB color **207, 171, 231** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **171, 231, 207**, and the grayscale version is **188, 188, 188**.

A 20% lighter version of the original color is **255, 227, 255**, and **152, 118, 175** is the 20% darker color. If you saturate the color by 10%, you get **198, 148, 231**, and if you desaturate by 10%, it is **216, 194, 231**.

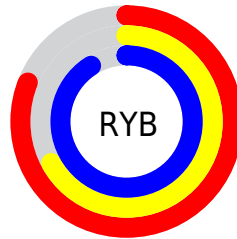
Distribution



Red (81%)

Green (67%)

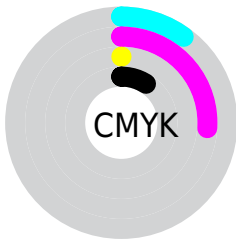
Blue (91%)



Red (81%)

Yellow (67%)

Blue (91%)

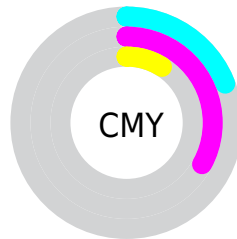


Cyan (10%)

Magenta (26%)

Yellow (0%)

Black (9%)



Cyan (19%)

Magenta (33%)


Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the RYB color 207, 171, 231 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 207, 171, 231 by changing the saturation by 10% instead.

 207, 171, 231

 207, 171, 231

255, 255, 255

 179, 144, 203

 255, 227, 255

 152, 118, 175

 126, 94, 148

 100, 70, 123

 75, 47, 97


 52, 25, 73


 30, 2, 51


 0, 0, 29

 0, 0, 0

 207, 171, 231

 207, 171, 231


 198, 148, 231


 216, 194, 231


 189, 125, 231


 225, 217, 231


 179, 102, 231

 231, 240, 236


 170, 79, 231

 231, 255, 242

 161, 55, 231

 231, 255, 233

 152, 32, 231

 231, 255, 231

 142, 9, 231

 139, 0, 231

Harmonies

Analogous

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



163, 178, 246



207, 171, 231



236, 162, 203

Triad

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



207, 171, 231



209, 222, 123



83, 144, 202

Complementary

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



207, 171, 231



171, 231, 207

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.



118, 171, 201



207, 171, 231



127, 192, 122

Square

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



207, 171, 231



242, 174, 142



137, 196, 177



77, 144, 228

Rectangle

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



207, 171, 231



246, 160, 182



137, 196, 177



93, 152, 202

Sweetspot

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



207, 171, 231



247, 235, 255



171, 188, 231



122, 115, 128



0, 0, 0



128, 128, 128

Same Dimension

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



207, 171, 231



223, 176, 255



231, 171, 225



110, 103, 115



107, 0, 179



31, 0, 51

Inverse Universe

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



231, 171, 195



255, 176, 208



171, 226, 231



115, 103, 108



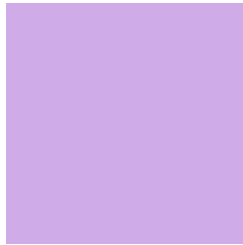
179, 0, 71



51, 0, 20

Previews

White Background



This preview shows how the RYB color 207, 171, 231 looks on a white background.

Color Contrast Check

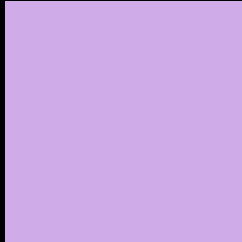
Large Text (above 18pt) WCAG AA × Fail

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 207, 171, 231 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 207, 171, 231 Background



This preview shows how black text looks on a background with the RYB color 207, 171, 231.



This preview shows how white text looks on a background with the RYB color 207, 171, 231.

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
207, 171, 231

Protanopia
170, 180, 239

Deuteranopia
180, 181, 229



Tritanopia
201, 178, 192

Trichromacy



Original Color
207, 171, 231

Protanomaly
183, 178, 236

Deuteranomaly
190, 177, 230

Tritanomaly
203, 175, 206

Monochromacy



Original Color
207, 171, 231

Achromatopsia
189, 189, 189

Achromatomaly
196, 182, 204

CSS Examples

Text

The CSS property to change the color of the text to RYB 207, 171, 231 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(207, 171, 231) looks like.

```
.text, #text, p{  
    color:rgb(207, 171, 231)  
}
```

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(207, 171, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 171, 231) }
```

Border

The CSS property to change the border of an element to RYB 207, 171, 231 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(207, 171, 231) }
```

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

```
.border{ border-color:rgb(207, 171, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 171, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 171, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 171, 231);  
box-shadow:4px 4px 4px 4px rgb(207, 171,  
231) }
```

Background

The CSS property to change the background color of an element to RYB 207, 171, 231 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 171, 231) }
```

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

```
.background{ background-color: rgb(207,  
171, 231) }
```

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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