

Converting Colors

`RYB(199, 167, 215)`

Have a look what the booklet for
RYB(199, 167, 215) contains.

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Color

R_YB(199, 167, 215)

Conversions

Conversions Part 1

Format	Color
Hex	C7A7D7
RGB	199, 167, 215
RGB Percent	78%, 65%, 84%
CMY	0.2196, 0.3451, 0.1569
CMYK	0.07, 0.22, 0.00, 0.16
HSL	280°, 38%, 75%
HSV	280°, 22%, 84%
XYZ	49.6376, 44.6858, 70.2990
YIQ	182.0400, 3.6640, 21.7120

Conversions

Conversions Part 2

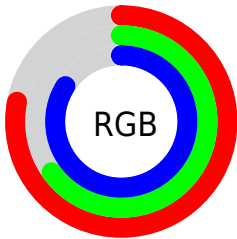
Format	Color
R_{YB}	199, 167, 215
Decimal	13084631
CIE _{Lab}	72.68, 20.39, -19.96
CIE _{LCh}	73, 28.529, 315.616
Yxy	44.6858, 0.3015, 0.2714
Android (android.graphics.Color)	4291274711 (0xFFC7A7D7)
YUV	182.0400, 16.2493, 14.8739
Hunter-Lab	66.8475, 15.5623, -15.5581

Details

The RYB color **199, 167, 215** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **167, 215, 199**, and the grayscale version is **182, 182, 182**.

A 20% lighter version of the original color is **255, 222, 255**, and **145, 115, 160** is the 20% darker color. If you saturate the color by 10%, you get **192, 146, 215**, and if you desaturate by 10%, it is **206, 189, 215**.

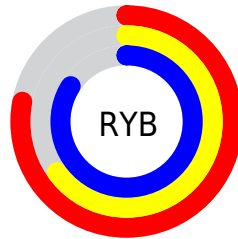
Distribution



Red (78%)

Green (65%)

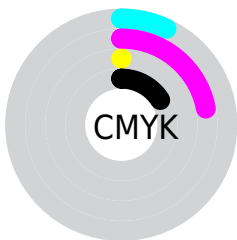
Blue (84%)



Red (78%)

Yellow (65%)

Blue (84%)

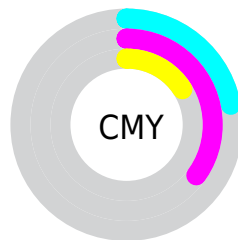


Cyan (7%)

Magenta (22%)

Yellow (0%)

Black (16%)



Cyan (22%)

Magenta (35%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the RYB color 199, 167, 215 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 199, 167, 215 by changing the saturation by 10% instead.


 199, 167, 215

255, 255, 255

 255, 222, 255

 255, 251, 255

 199, 167, 215

 171, 140, 187

 145, 115, 160

 119, 90, 134

 94, 66, 108

 69, 44, 84

 46, 22, 61


 27, 0, 39


 0, 1, 17

 0, 0, 0

 199, 167, 215

 199, 167, 215

 192, 146, 215

 206, 189, 215

 185, 124, 215


 213, 210, 215

 178, 103, 215

 215, 232, 227

 170, 81, 215


 215, 253, 240

 163, 60, 215

 215, 255, 235

 156, 38, 215

 215, 255, 228

 149, 17, 215

 215, 255, 221

 143, 0, 215

 215, 255, 215

Harmonies

Analogous

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



165, 174, 228



199, 167, 215



222, 161, 192

Triad

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



199, 167, 215



193, 208, 128



102, 148, 193

Complementary

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



199, 167, 215



167, 215, 199

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.



124, 166, 192



199, 167, 215



130, 183, 128

Square

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



199, 167, 215



226, 172, 142



141, 188, 175



102, 151, 215

Rectangle

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



199, 167, 215



230, 159, 174



141, 188, 175



108, 153, 193

Sweetspot

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



199, 167, 215



249, 237, 255



167, 179, 215



124, 117, 128



0, 0, 0



128, 128, 128

Same Dimension

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



199, 167, 215



232, 186, 255



215, 167, 207



104, 96, 107



114, 0, 171



29, 0, 43

Inverse Universe

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



215, 167, 183



255, 186, 209



167, 208, 215



107, 96, 100



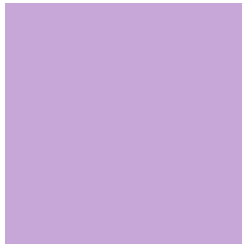
171, 0, 57



43, 0, 14

Previews

White Background



This preview shows how the RYB color 199, 167, 215 looks on a white background.

Color Contrast Check

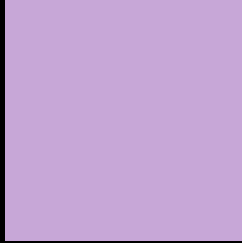
Large Text (above 18pt) WCAG AA × Fail

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 199, 167, 215 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 199, 167, 215 Background



This preview shows how black text looks on a background with the RYB color 199, 167, 215.



This preview shows how white text looks on a background with the RYB color 199, 167, 215.

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
199, 167, 215

Protanopia
168, 176, 222

Deuteranopia
179, 174, 214



Tritanopia

195, 172, 186

Trichromacy



Original Color
199, 167, 215

Protanomaly
179, 173, 219

Deuteranomaly
186, 171, 214

Tritanomaly
196, 170, 197

Monochromacy



Original Color
199, 167, 215

Achromatopsia
182, 182, 182

Achromatomaly
188, 177, 194

CSS Examples

Text

The CSS property to change the color of the text to RYB 199, 167, 215 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(199, 167, 215)` looks like.

```
.text, #text, p{  
    color:rgb(199, 167, 215)  
}
```

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(199, 167, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 167, 215) }
```

Border

The CSS property to change the border of an element to RYB 199, 167, 215 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(199, 167, 215) }
```

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

```
.border{ border-color:rgb(199, 167, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 167, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 167, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 167, 215);  
box-shadow:4px 4px 4px 4px rgb(199, 167,  
215) }
```

Background

The CSS property to change the background color of an element to RYB 199, 167, 215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 167, 215) }
```

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

```
.background{ background-color: rgb(199,  
167, 215) }
```

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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