

Converting Colors

`RYB(197, 169, 237)`

Have a look what the booklet for
RYB(197, 169, 237) contains.

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Color

R_YB(197, 169, 237)

Conversions

Conversions Part 1

Format	Color
Hex	C5A9ED
RGB	197, 169, 237
RGB Percent	77%, 66%, 93%
CMY	0.2275, 0.3373, 0.0706
CMYK	0.17, 0.29, 0.00, 0.07
HSL	265°, 65%, 80%
HSV	265°, 29%, 93%
XYZ	52.5000, 46.3607, 86.3022
YIQ	185.1240, -5.1400, 27.0840

Conversions

Conversions Part 2

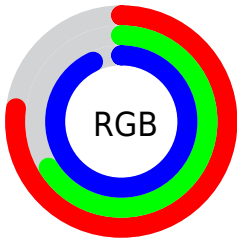
Format	Color
RYB	197, 169, 237
Decimal	12954093
CIELab	73.78, 23.27, -30.30
CIELCh	74, 38.202, 307.521
Yxy	46.3607, 0.2835, 0.2504
Android (android.graphics.Color)	4291144173 (0xFFC5A9ED)
YUV	185.1240, 25.5749, 10.4153
Hunter-Lab	68.0887, 18.4778, -27.4879

Details

The RYB color **197, 169, 237** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **169, 237, 197**, and the grayscale version is **185, 185, 185**.

A 20% lighter version of the original color is **254, 224, 255**, and **142, 117, 181** is the 20% darker color. If you saturate the color by 10%, you get **183, 145, 237**, and if you desaturate by 10%, it is **211, 193, 237**.

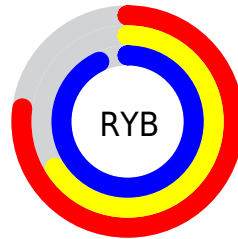
Distribution



Red (77%)

Green (66%)

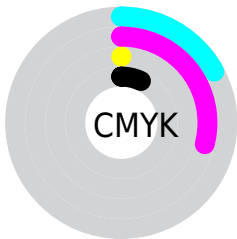
Blue (93%)



Red (77%)

Yellow (66%)

Blue (93%)

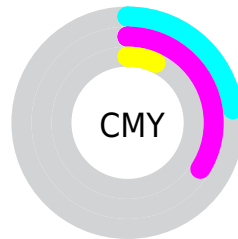


Cyan (17%)

Magenta (29%)

Yellow (0%)

Black (7%)



Cyan (23%)


Magenta (34%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the RYB color 197, 169, 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 197, 169, 237 by changing the saturation by 10% instead.


 197, 169, 237

255, 255, 255

 254, 224, 255

 255, 253, 255

 197, 169, 237

 169, 142, 209

 142, 117, 181

 116, 92, 154

 91, 68, 128

 66, 45, 102

 42, 24, 78

 20, 0, 55

 0, 2, 33

 0, 0, 6

197, 169, 237

197, 169, 237

183, 145, 237

211, 193, 237

169, 122, 237

225, 216, 237

155, 98, 237

237, 240, 238

141, 74, 237

237, 255, 239

127, 50, 237

237, 255, 237

113, 27, 237

99, 3, 237

98, 0, 237

Harmonies

Analogous

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



146, 173, 250



197, 169, 237



233, 158, 209

Triad

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



197, 169, 237



227, 219, 117



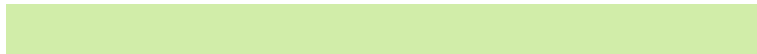
69, 137, 200

Complementary

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



197, 169, 237



169, 237, 197

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.



115, 172, 198



197, 169, 237



128, 196, 111

Square

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



197, 169, 237



246, 163, 140



125, 192, 159



41, 125, 223

Rectangle

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



197, 169, 237



246, 154, 186



125, 192, 159



84, 148, 200

Sweetspot

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



197, 169, 237



242, 232, 255



169, 195, 237



119, 113, 128



0, 0, 0



128, 128, 128

Same Dimension

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



197, 169, 237



204, 168, 255



230, 169, 237



110, 106, 117



75, 0, 181



22, 0, 54

Inverse Universe

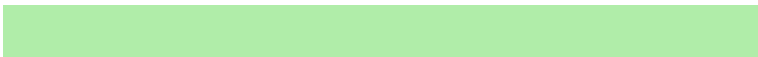
The Inverse Universe completely reimagines the original color for something new.



237, 169, 209



255, 168, 219



169, 237, 230



117, 106, 112



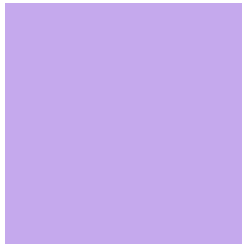
181, 0, 106



54, 0, 31

Previews

White Background



This preview shows how the RYB color 197, 169, 237 looks on a white background.

Color Contrast Check

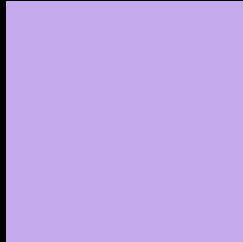
Large Text (above 18pt) WCAG AA × Fail

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 197, 169, 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 197, 169, 237 Background



This preview shows how black text looks on a background with the RYB color 197, 169, 237.



This preview shows how white text looks on a background with the RYB color 197, 169, 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





Tritanopia
189, 178, 192

Trichromacy



Original Color
197, 169, 237

Protanomaly
175, 175, 242

Deuteranomaly
180, 175, 236

Tritanomaly
192, 175, 208

Monochromacy



Original Color
197, 169, 237

Achromatopsia
185, 185, 185

Achromatomaly
189, 179, 204

CSS Examples

Text

The CSS property to change the color of the text to RYB 197, 169, 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(197, 169, 237)` looks like.

```
.text, #text, p{  
    color:rgb(197, 169, 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(197, 169, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 169, 237) }
```

Border

The CSS property to change the border of an element to RYB 197, 169, 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(197, 169, 237) }
```

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

```
.border{ border-color:rgb(197, 169, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 169, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 169, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 169, 237);  
box-shadow:4px 4px 4px 4px rgb(197, 169,  
237) }
```

Background

The CSS property to change the background color of an element to RYB 197, 169, 237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 169, 237) }
```

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

```
.background{ background-color: rgb(197,  
169, 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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