

Converting Colors

`RYB(193, 169, 221)`

Have a look what the booklet for RYB(193, 169, 221) contains.

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Color

R_YB(193, 169, 221)

Conversions

Conversions Part 1

Format	Color
Hex	C1A9DD
RGB	193, 169, 221
RGB Percent	76%, 66%, 87%
CMY	0.2431, 0.3373, 0.1333
CMYK	0.13, 0.24, 0.00, 0.13
HSL	268°, 43%, 76%
HSV	268°, 24%, 87%
XYZ	49.2314, 44.9338, 74.4849
YIQ	182.1040, -2.3880, 21.2600

Conversions

Conversions Part 2

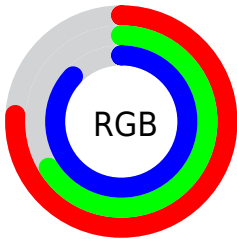
Format	Color
RYB	193, 169, 221
Decimal	12691933
CIELab	72.85, 18.58, -23.04
CIELCh	73, 29.598, 308.889
Yxy	44.9338, 0.2919, 0.2664
Android (android.graphics.Color)	4290882013 (0xFFC1A9DD)
YUV	182.1040, 19.1757, 9.5558
Hunter-Lab	67.0327, 13.7901, -18.9585

Details

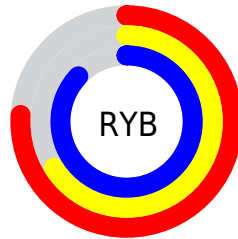
The RYB color **193, 169, 221** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **169, 221, 193**, and the grayscale version is **182, 182, 182**.

A 20% lighter version of the original color is **250, 224, 255**, and **139, 117, 166** is the 20% darker color. If you saturate the color by 10%, you get **181, 147, 221**, and if you desaturate by 10%, it is **205, 191, 221**.

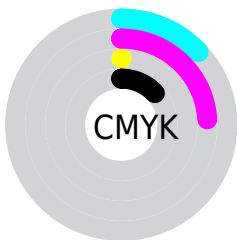
Distribution



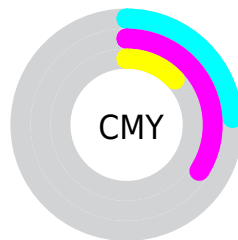
- Red (76%)
- Green (66%)
- Blue (87%)



- Red (76%)
- Yellow (66%)
- Blue (87%)



- Cyan (13%)
- Magenta (24%)
- Yellow (0%)
- Black (13%)



- Cyan (24%)
- Magenta (34%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the RYB color 193, 169, 221 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 193, 169, 221 by changing the saturation by 10% instead.


 193, 169, 221

255, 255, 255


 250, 224, 255

 255, 253, 255

 193, 169, 221


 166, 142, 193

 139, 117, 166

 113, 92, 139

 88, 68, 114

 64, 46, 89

 41, 25, 65

 22, 0, 43

 0, 1, 22

 0, 0, 0

■ 193, 169, 221

■ 193, 169, 221

■ 181, 147, 221

■ 205, 191, 221

■ 169, 125, 221

■ 217, 213, 221

■ 157, 103, 221

■ 221, 235, 227

■ 145, 81, 221

■ 221, 255, 235

■ 133, 58, 221

■ 221, 255, 223

■ 122, 36, 221

■ 221, 255, 221

■ 110, 14, 221

■ 102, 0, 221

Harmonies

Analogous

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



156, 174, 232



193, 169, 221



220, 161, 199

Triad

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



193, 169, 221



215, 211, 129



102, 150, 194

Complementary

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



193, 169, 221



169, 221, 193

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.



129, 172, 192



193, 169, 221



137, 190, 125

Square

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



193, 169, 221



230, 166, 146



136, 187, 163



95, 148, 212

Rectangle

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



193, 169, 221



230, 159, 181



136, 187, 163



110, 157, 194

Sweetspot

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



193, 169, 221



245, 237, 255



169, 188, 221



122, 117, 128



0, 0, 0



128, 128, 128

Same Dimension

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



193, 169, 221



217, 184, 255



218, 169, 221



104, 99, 110



80, 0, 173



21, 0, 46

Inverse Universe

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



221, 169, 197



255, 184, 222



169, 221, 218



110, 99, 105



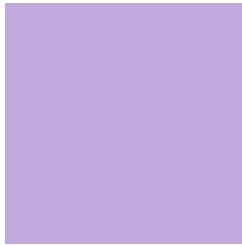
173, 0, 93



46, 0, 25

Previews

White Background



This preview shows how the RYB color 193, 169, 221 looks on a white background.

Color Contrast Check

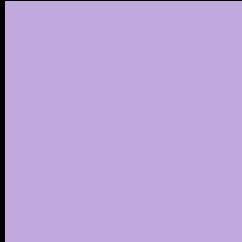
Large Text (above 18pt) WCAG AA × Fail

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 193, 169, 221 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

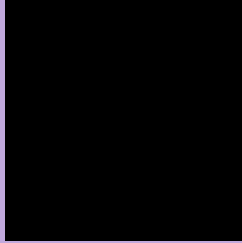
Any Text WCAG AA ✓ Pass

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 193, 169, 221 Background



This preview shows how black text looks on a background with the RYB color 193, 169, 221.



This preview shows how white text looks on a background with the RYB color 193, 169, 221.

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
193, 169, 221

Protanopia
166, 175, 227

Deuteranopia
176, 175, 220



Tritanopia
188, 175, 189

Trichromacy



Original Color
193, 169, 221

Protanomaly
176, 174, 225

Deuteranomaly
182, 173, 220

Tritanomaly
190, 173, 201

Monochromacy



Original Color
193, 169, 221

Achromatopsia
182, 182, 182

Achromatomaly
186, 177, 196

CSS Examples

Text

The CSS property to change the color of the text to RYB 193, 169, 221 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(193, 169, 221)` looks like.

```
.text, #text, p{  
    color:rgb(193, 169, 221)  
}
```

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(193, 169, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 169, 221) }
```

Border

The CSS property to change the border of an element to RYB 193, 169, 221 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(193, 169, 221) }
```

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

```
.border{ border-color:rgb(193, 169, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 169, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 169, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 169, 221);  
box-shadow:4px 4px 4px 4px rgb(193, 169,  
221) }
```

Background

The CSS property to change the background color of an element to RYB 193, 169, 221 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 169, 221) }
```

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

```
.background{ background-color: rgb(193,  
169, 221) }
```

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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