

Converting Colors

`RYB(197, 169, 215)`

Have a look what the booklet for RYB(197, 169, 215) contains.

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Color

R_YB(197, 169, 215)

Conversions

Conversions Part 1

Format	Color
Hex	C5A9D7
RGB	197, 169, 215
RGB Percent	77%, 66%, 84%
CMY	0.2275, 0.3373, 0.1569
CMYK	0.08, 0.21, 0.00, 0.16
HSL	277°, 37%, 75%
HSV	277°, 21%, 84%
XYZ	49.4797, 45.1525, 70.3974
YIQ	182.6160, 1.9220, 20.2420

Conversions

Conversions Part 2

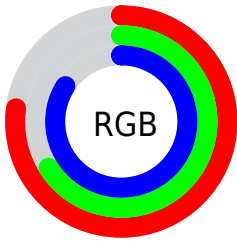
Format	Color
RYB	197, 169, 215
Decimal	12954071
CIELab	72.99, 18.64, -19.51
CIELCh	73, 26.976, 313.693
Yxy	45.1525, 0.2998, 0.2736
Android (android.graphics.Color)	4291144151 (0xFFC5A9D7)
YUV	182.6160, 15.9653, 12.6148
Hunter-Lab	67.1956, 13.8465, -15.0781

Details

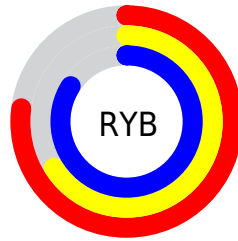
The RYB color **197, 169, 215** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **169, 215, 197**, and the grayscale version is **182, 182, 182**.

A 20% lighter version of the original color is **254, 224, 255**, and **143, 117, 160** is the 20% darker color. If you saturate the color by 10%, you get **189, 148, 215**, and if you desaturate by 10%, it is **205, 191, 215**.

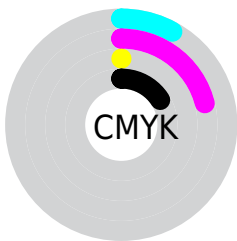
Distribution



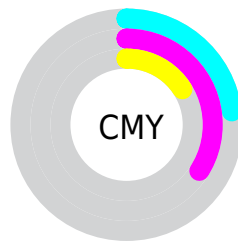
- Red (77%)
- Green (66%)
- Blue (84%)



- Red (77%)
- Yellow (66%)
- Blue (84%)



- Cyan (8%)
- Magenta (21%)
- Yellow (0%)
- Black (16%)




- Cyan (23%)
- Magenta (34%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the RYB color 197, 169, 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 197, 169, 215 by changing the saturation by 10% instead.

 197, 169, 215

255, 255, 255

 254, 224, 255

 255, 253, 255

 197, 169, 215

 170, 142, 187

 143, 117, 160

 117, 92, 134

 92, 68, 109


 68, 46, 84

 45, 24, 61


 26, 0, 39

 0, 1, 17


 0, 0, 0

 197, 169, 215


 197, 169, 215

 189, 148, 215


 205, 191, 215

 180, 126, 215

 214, 212, 215

 172, 104, 215

 215, 234, 227

 163, 83, 215


 215, 255, 239

 155, 62, 215

 215, 255, 231

 147, 40, 215

 215, 255, 223

 138, 19, 215

 215, 255, 215

 131, 0, 215

Harmonies

Analogous

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



165, 176, 227



197, 169, 215



220, 163, 194

Triad

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



197, 169, 215



200, 209, 132



109, 152, 193

Complementary

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



197, 169, 215



169, 215, 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.



130, 170, 192



197, 169, 215



137, 186, 131

Square

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



197, 169, 215



225, 171, 146



143, 188, 173



108, 154, 212

Rectangle

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



197, 169, 215



228, 161, 177



143, 188, 173



115, 157, 193

Sweetspot

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



197, 169, 215



249, 240, 255



169, 182, 215



124, 119, 128



0, 0, 0



128, 128, 128

Same Dimension

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



197, 169, 215



229, 189, 255



215, 169, 210



103, 96, 107



104, 0, 171



26, 0, 43

Inverse Universe

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



215, 169, 187



255, 189, 215



169, 210, 215



107, 96, 101



171, 0, 67



43, 0, 17

Previews

White Background



This preview shows how the RYB color 197, 169, 215 looks on a white background.

Color Contrast Check

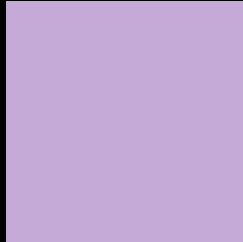
Large Text (above 18pt) WCAG AA × Fail

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 197, 169, 215 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

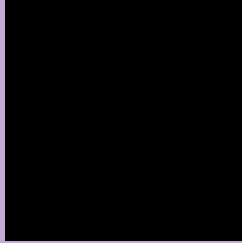
Any Text WCAG AA ✓ Pass

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 197, 169, 215 Background



This preview shows how black text looks on a background with the RYB color 197, 169, 215.



This preview shows how white text looks on a background with the RYB color 197, 169, 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
197, 169, 215

Protanopia
169, 177, 221

Deuteranopia
180, 175, 214



Tritanopia
193, 174, 188

Trichromacy



Original Color
197, 169, 215

Protanomaly
179, 175, 219

Deuteranomaly
186, 173, 214

Tritanomaly
194, 172, 198

Monochromacy



Original Color
197, 169, 215

Achromatopsia
183, 183, 183

Achromatomaly
188, 178, 195

CSS Examples

Text

The CSS property to change the color of the text to RYB 197, 169, 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(197, 169, 215)` looks like.

```
.text, #text, p{  
    color:rgb(197, 169, 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(197, 169, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 169, 215) }
```

Border

The CSS property to change the border of an element to RYB 197, 169, 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(197, 169, 215) }
```

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

```
.border{ border-color:rgb(197, 169, 215) }
```

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, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 169, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 169, 215);  
box-shadow:4px 4px 4px 4px rgb(197, 169,  
215) }
```

Background

The CSS property to change the background color of an element to RYB 197, 169, 215 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, 215) }
```

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

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