

Converting Colors

`RYB(197, 169, 228)`

Have a look what the booklet for RYB(197, 169, 228) contains.

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Color

R_YB(197, 169, 228)

Conversions

Conversions Part 1

Format	Color
Hex	C5A9E4
RGB	197, 169, 228
RGB Percent	77%, 66%, 89%
CMY	0.2275, 0.3373, 0.1059
CMYK	0.14, 0.26, 0.00, 0.11
HSL	268°, 52%, 78%
HSV	268°, 26%, 89%
XYZ	51.2175, 45.8477, 79.5488
YIQ	184.0980, -2.2510, 24.2850

Conversions

Conversions Part 2

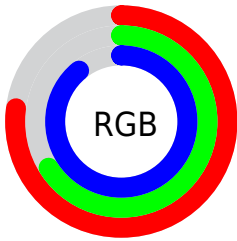
Format	Color
R _Y B	197, 169, 228
Decimal	12954084
CIE Lab	73.45, 21.33, -25.91
CIE LCh	73, 33.563, 309.462
Yxy	45.8477, 0.2900, 0.2596
Android (android.graphics.Color)	4291144164 (0xFFC5A9E4)
YUV	184.0980, 21.6437, 11.3151
Hunter-Lab	67.7109, 16.5259, -22.2580

Details

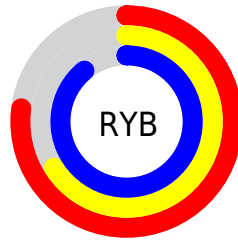
The RYB color **197, 169, 228** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **169, 228, 197**, and the grayscale version is **184, 184, 184**.

A 20% lighter version of the original color is **254, 224, 255**, and **143, 117, 172** is the 20% darker color. If you saturate the color by 10%, you get **185, 146, 228**, and if you desaturate by 10%, it is **209, 192, 228**.

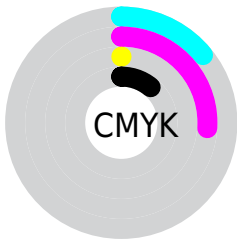
Distribution



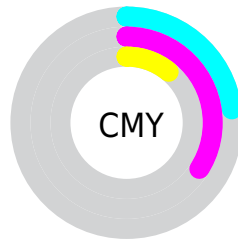
- Red (77%)
- Green (66%)
- Blue (89%)



- Red (77%)
- Yellow (66%)
- Blue (89%)



- Cyan (14%)
- Magenta (26%)
- Yellow (0%)
- Black (11%)




- Cyan (23%)
- Magenta (34%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the RYB color 197, 169, 228 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, 228 by changing the saturation by 10% instead.


 197, 169, 228

255, 255, 255

 254, 224, 255


 255, 253, 255

 197, 169, 228


 169, 142, 200

 143, 117, 172

 117, 92, 146

 91, 68, 120

 67, 46, 95

 43, 24, 71

 23, 0, 48

 0, 1, 27

 0, 0, 0

■ 197, 169, 228

■ 197, 169, 228

■ 185, 146, 228

■ 209, 192, 228

■ 173, 123, 228

■ 221, 215, 228

■ 161, 101, 228

■ 228, 237, 232

■ 149, 78, 228

■ 228, 255, 238

■ 137, 55, 228

■ 228, 255, 228

■ 125, 32, 228

■ 113, 9, 228

■ 108, 0, 228

Harmonies

Analogous

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



154, 174, 241



197, 169, 228



227, 160, 203

Triad

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



197, 169, 228



220, 218, 123



88, 145, 197

Complementary

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



197, 169, 228



169, 228, 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.



122, 172, 196



197, 169, 228



131, 192, 119

Square

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



197, 169, 228



238, 167, 143



132, 190, 164



77, 141, 218

Rectangle

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



197, 169, 228



238, 157, 182



132, 190, 164



98, 152, 197

Sweetspot

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



197, 169, 228



244, 235, 255



169, 189, 228



121, 115, 128



0, 0, 0



128, 128, 128

Same Dimension

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



197, 169, 228



213, 176, 255



226, 169, 228



109, 103, 115



85, 0, 179



24, 0, 51

Inverse Universe

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



228, 169, 200



255, 176, 217



169, 228, 226



115, 103, 109



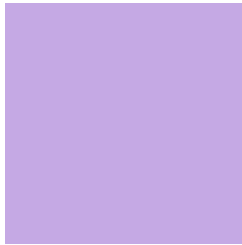
179, 0, 94



51, 0, 27

Previews

White Background



This preview shows how the RYB color 197, 169, 228 looks on a white background.

Color Contrast Check

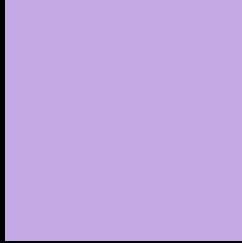
Large Text (above 18pt) WCAG AA × Fail

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, 228 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

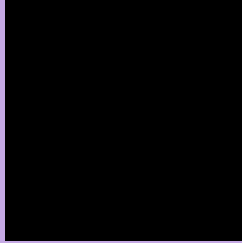
Any Text WCAG AA ✓ Pass

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, 228 Background



This preview shows how black text looks on a background with the RYB color 197, 169, 228.



This preview shows how white text looks on a background with the RYB color 197, 169, 228.

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, 228

Protanopia
166, 176, 235

Deuteranopia
174, 177, 226



Tritanopia
191, 176, 190

Trichromacy



Original Color
197, 169, 228

Protanomaly
177, 175, 232

Deuteranomaly
182, 174, 227

Tritanomaly
193, 173, 204

Monochromacy



Original Color
197, 169, 228

Achromatopsia
184, 184, 184

Achromatomaly
189, 179, 200

CSS Examples

Text

The CSS property to change the color of the text to RYB 197, 169, 228 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, 228) looks like.

```
.text, #text, p{  
    color:rgb(197, 169, 228)  
}
```

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, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 169, 228) }
```

Border

The CSS property to change the border of an element to RYB 197, 169, 228 is called "border". The border property can be set on classes, ids or directly on the HTML element.

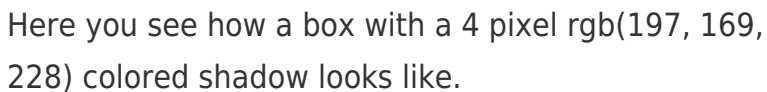
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(197, 169, 228) }
```

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

```
.border{ border-color:rgb(197, 169, 228) }
```

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, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(197, 169, 228); -webkit-box-shadow:4px 4px 4px 4px rgb(197, 169, 228); box-shadow:4px 4px 4px 4px rgb(197, 169, 228) }
```

Background

The CSS property to change the background color of an element to RYB 197, 169, 228 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, 228) }
```

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

```
.background{ background-color: rgb(197,  
169, 228) }
```

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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