

Converting Colors

RGB(197, 113, 220)

Have a look what the booklet for
RGB(197, 113, 220) contains.

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Color

RGB(197, 113, 220)

Conversions

Conversions Part 1

Format	Color
Hex	C571DC
RGB	197, 113, 220
RGB Percent	77%, 44%, 86%
CMY	0.2275, 0.5569, 0.1373
CMYK	0.10, 0.49, 0.00, 0.14
HSL	287°, 60%, 65%
HSV	287°, 49%, 86%
XYZ	41.8494, 28.8479, 71.0726
YIQ	150.3140, 15.7170, 51.0850

Conversions

Conversions Part 2

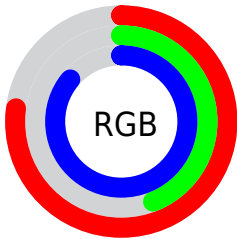
Format	Color
RYB	197, 113, 220
Decimal	12939740
CIELab	60.65, 50.01, -41.34
CIELCh	61, 64.882, 320.419
Yxy	28.8479, 0.2952, 0.2035
Android (android.graphics.Color)	4291129820 (0xFFC571DC)
YUV	150.3140, 34.3552, 40.9436
Hunter-Lab	53.7102, 45.0888, -40.8590

Details

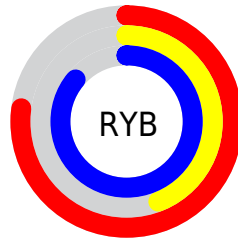
The RGB color **197, 113, 220** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **136, 220, 113**, and the grayscale version is **150, 150, 150**.

A 20% lighter version of the original color is **255, 167, 255**, and **141, 61, 164** is the 20% darker color. If you saturate the color by 10%, you get **192, 91, 220**, and if you desaturate by 10%, it is **202, 135, 220**.

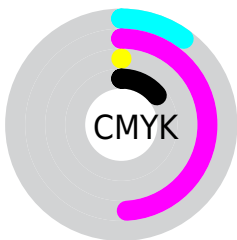
Distribution



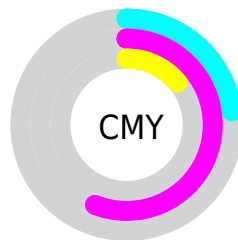
- Red (77%)
- Green (44%)
- Blue (86%)



- Red (77%)
- Yellow (44%)
- Blue (86%)



- Cyan (10%)
- Magenta (49%)
- Yellow (0%)
- Black (14%)



- Cyan (23%)
- Magenta (56%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the RGB color 197, 113, 220 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 RGB color 197, 113, 220 by changing the saturation by 10% instead.

 197, 113, 220

255, 255, 255

 255, 167, 255


 255, 195, 255

 255, 224, 255

 255, 253, 255

 197, 113, 220

 169, 87, 192

 141, 61, 164

 114, 33, 138

 87, 0, 112


 61, 0, 87

 39, 0, 63

 0, 0, 40


 0, 1, 18


 0, 0, 0

 197, 113, 220

 197, 113, 220


 192, 91, 220


 202, 135, 220

 188, 69, 220

 206, 157, 220


 183, 47, 220

 211, 179, 220

 178, 25, 220

 216, 201, 220

 173, 3, 220

 221, 223, 220

 173, 0, 220

 225, 245, 220

 230, 255, 220

 235, 255, 220

 240, 255, 220

Harmonies

Analogous

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



109, 139, 254



197, 113, 220



240, 91, 167

Triad

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



197, 113, 220



190, 137, 12



0, 173, 185

Complementary

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



197, 113, 220



136, 220, 113

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.



0, 172, 125



197, 113, 220



137, 155, 17

Square

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



197, 113, 220



229, 113, 58



62, 166, 68



0, 169, 234

Rectangle

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



197, 113, 220



249, 89, 129



62, 166, 68



0, 173, 165

Sweetspot

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



197, 113, 220



247, 217, 255



113, 136, 220



123, 105, 128



0, 0, 0



128, 128, 128

Same Dimension

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



197, 113, 220



223, 107, 255



220, 113, 190



107, 99, 110



136, 0, 173



36, 0, 46

Inverse Universe

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



220, 113, 136



255, 107, 139



113, 220, 143



110, 99, 101



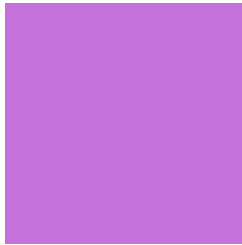
173, 0, 37



46, 0, 10

Previews

White Background



This preview shows how the RGB color 197, 113, 220 looks on a white background.

Color Contrast Check

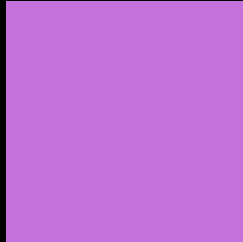
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the RGB color 197, 113, 220 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

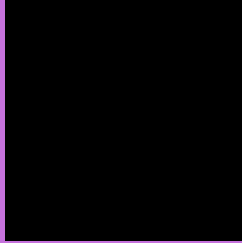
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 197, 113, 220 Background



This preview shows how black text looks on a background with the RGB color 197, 113, 220.

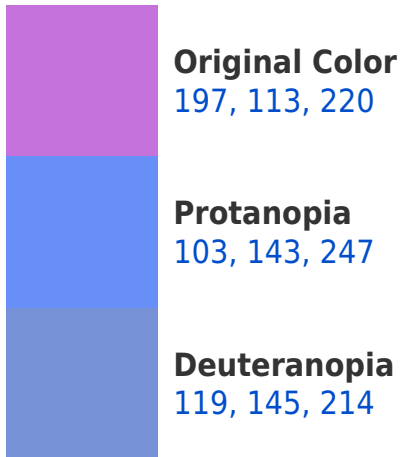


This preview shows how white text looks on a background with the RGB color 197, 113, 220.

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
186, 132, 142

Trichromacy



Original Color
197, 113, 220



Protanomaly
137, 132, 237



Deuteranomaly
147, 133, 216



Tritanomaly
190, 125, 170

Monochromacy



Original Color
197, 113, 220



Achromatopsia
150, 150, 150



Achromatomaly
167, 137, 175

CSS Examples

Text

The CSS property to change the color of the text to RGB 197, 113, 220 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, 113, 220)` looks like.

```
.text, #text, p{  
    color:rgb(197, 113, 220)  
}
```

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, 113, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 113, 220) }
```

Border

The CSS property to change the border of an element to RGB 197, 113, 220 is called "border". The border property can be set on classes, ids or directly on the HTML element.

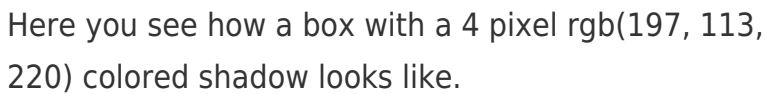
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(197, 113, 220) }
```

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

```
.border{ border-color:rgb(197, 113, 220) }
```

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



Here you see how a box with a 4 pixel `rgb(197, 113, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(197, 113, 220); -webkit-box-shadow:4px 4px 4px 4px rgb(197, 113, 220); box-shadow:4px 4px 4px 4px rgb(197, 113, 220) }
```

Background

The CSS property to change the background color of an element to RGB 197, 113, 220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 113, 220) }
```

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

```
.background{ background-color: rgb(197,  
113, 220) }
```

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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