

Converting Colors

RGB(191, 133, 180)

Have a look what the booklet for
RGB(191, 133, 180) contains.

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Color

RGB(191, 133, 180)

Conversions

Conversions Part 1

Format	Color
Hex	BF85B4
RGB	191, 133, 180
RGB Percent	75%, 52%, 71%
CMY	0.2510, 0.4784, 0.2941
CMYK	0.00, 0.30, 0.06, 0.25
HSL	311°, 31%, 64%
HSV	311°, 30%, 75%
XYZ	38.1116, 31.1467, 47.1832
YIQ	155.7000, 19.4810, 26.9130

Conversions

Conversions Part 2

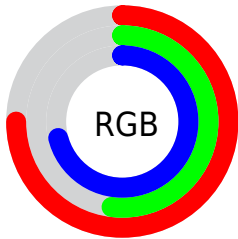
Format	Color
RYB	191, 133, 180
Decimal	12551604
CIELab	62.63, 29.77, -15.78
CIELCh	63, 33.696, 332.084
Yxy	31.1467, 0.3273, 0.2675
Android (android.graphics.Color)	4290741684 (0xFFBF85B4)
YUV	155.7000, 11.9799, 30.9581
Hunter-Lab	55.8092, 24.2298, -11.0595

Details

The RGB color **191, 133, 180** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **133, 191, 144**, and the grayscale version is **156, 156, 156**.

A 20% lighter version of the original color is **248, 187, 236**, and **137, 82, 127** is the 20% darker color. If you saturate the color by 10%, you get **191, 114, 176**, and if you desaturate by 10%, it is **191, 152, 184**.

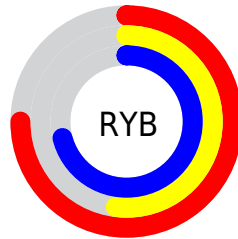
Distribution



Red (75%)

Green (52%)

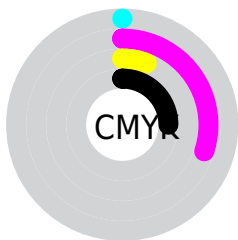
Blue (71%)



Red (75%)

Yellow (52%)

Blue (71%)

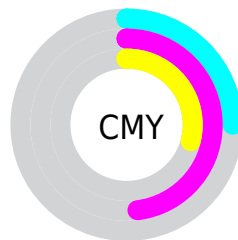


Cyan (0%)

Magenta (30%)

Yellow (6%)

Black (25%)



Cyan (25%)


Magenta (48%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the RGB color 191, 133, 180 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 191, 133, 180 by changing the saturation by 10% instead.


 191, 133, 180


255, 255, 255

 248, 187, 236


 255, 215, 255

 255, 243, 255


 191, 133, 180

 163, 107, 153

 137, 82, 127

 111, 58, 102


 85, 35, 78


 61, 11, 55


 40, 0, 34


 0, 0, 7


 0, 0, 0


 191, 133, 180


 191, 133, 180


 191, 114, 176


 191, 152, 184

 191, 95, 173


 191, 171, 187


 191, 76, 169


 191, 190, 191


 191, 57, 166

 191, 209, 194


 191, 38, 162

 191, 229, 198

 191, 18, 158

 191, 248, 202

 191, 0, 155

 191, 255, 205

 191, 255, 209

 191, 255, 213

Harmonies

Analogous

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



158, 143, 202



191, 133, 180



208, 128, 150

Triad

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



191, 133, 180



169, 150, 91



30, 167, 182

Complementary

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



191, 133, 180



133, 191, 144

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.



62, 168, 153



191, 133, 180



138, 159, 100

Square

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



191, 133, 180



194, 140, 99



102, 165, 122



61, 162, 204

Rectangle

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



191, 133, 180



210, 129, 130



102, 165, 122



36, 167, 173

Sweetspot

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



191, 133, 180



247, 225, 243



144, 133, 191



125, 111, 122



252, 252, 252



125, 125, 125

Same Dimension

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



191, 133, 180



247, 158, 230



191, 133, 151



94, 85, 93



158, 0, 128



31, 0, 25

Inverse Universe

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



191, 133, 180



247, 158, 230



133, 191, 173



94, 85, 93



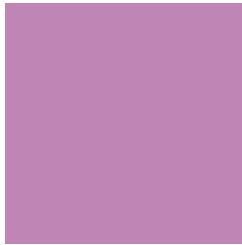
158, 0, 128



31, 0, 25

Previews

White Background



This preview shows how the RGB color 191, 133, 180 looks on a white background.

Color Contrast Check

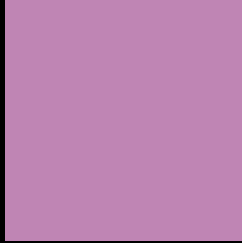
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 191, 133, 180 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

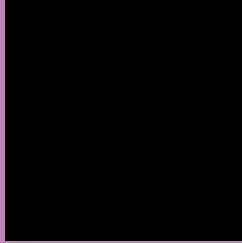
Any Text WCAG AA ✓ Pass

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](#).

RGB 191, 133, 180 Background



This preview shows how black text looks on a background with the RGB color 191, 133, 180.

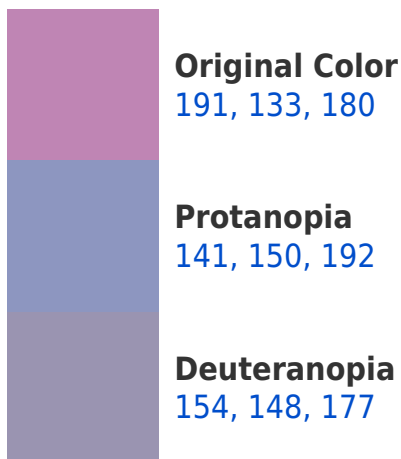


This preview shows how white text looks on a background with the RGB color 191, 133, 180.

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
187, 139, 149

Trichromacy



Original Color
191, 133, 180

Protanomaly
159, 144, 188

Deuteranomaly
167, 143, 178

Tritanomaly
188, 137, 160

Monochromacy



Original Color
191, 133, 180

Achromatopsia
156, 156, 156

Achromatomaly
169, 148, 165

CSS Examples

Text

The CSS property to change the color of the text to RGB 191, 133, 180 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(191, 133, 180)` looks like.

```
.text, #text, p{  
    color:rgb(191, 133, 180)  
}
```

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(191, 133, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 133, 180) }
```

Border

The CSS property to change the border of an element to RGB 191, 133, 180 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(191, 133, 180) }
```

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

```
.border{ border-color:rgb(191, 133, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 133, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 133, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 133, 180);  
box-shadow:4px 4px 4px 4px rgb(191, 133,  
180) }
```

Background

The CSS property to change the background color of an element to RGB 191, 133, 180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 133, 180) }
```

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

```
.background{ background-color: rgb(191,  
133, 180) }
```

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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