

Converting Colors

RGB(200, 110, 189)

Have a look what the booklet for
RGB(200, 110, 189) contains.

RGB(200, 110, 189)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(200, 110, 189)

Conversions

Conversions Part 1

Format	Color
Hex	C86EBD
RGB	200, 110, 189
RGB Percent	78%, 43%, 74%
CMY	0.2157, 0.5686, 0.2588
CMYK	0.00, 0.45, 0.05, 0.22
HSL	307°, 45%, 61%
HSV	307°, 45%, 78%
XYZ	38.5807, 27.1053, 51.3425
YIQ	145.9160, 28.2810, 43.6490

Conversions

Conversions Part 2

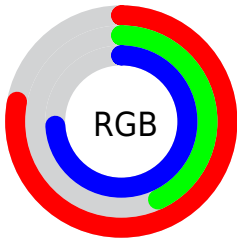
Format	Color
RYB	200, 110, 189
Decimal	13135549
CIELab	59.07, 46.62, -26.24
CIELCh	59, 53.499, 330.634
Yxy	27.1053, 0.3297, 0.2316
Android (android.graphics.Color)	4291325629 (0xFFC86EBD)
YUV	145.9160, 21.2404, 47.4317
Hunter-Lab	52.0628, 41.1659, -22.0258

Details

The RGB color **200, 110, 189** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **110, 200, 121**, and the grayscale version is **146, 146, 146**.

A 20% lighter version of the original color is **255, 164, 245**, and **144, 58, 135** is the 20% darker color. If you saturate the color by 10%, you get **200, 90, 187**, and if you desaturate by 10%, it is **200, 130, 191**.

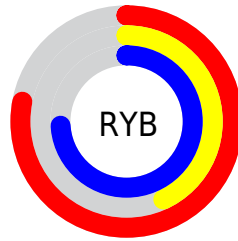
Distribution



Red (78%)

Green (43%)

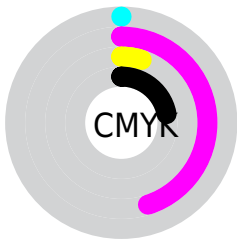
Blue (74%)



Red (78%)

Yellow (43%)

Blue (74%)

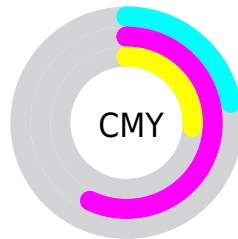


Cyan (0%)

Magenta (45%)

Yellow (5%)

Black (22%)



Cyan (22%)


Magenta (57%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the RGB color 200, 110, 189 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 200, 110, 189 by changing the saturation by 10% instead.

 200, 110, 189


255, 255, 255

 255, 164, 245

 255, 192, 255

 255, 220, 255


 255, 249, 255

 200, 110, 189

 172, 84, 162

 144, 58, 135

 117, 31, 110

 91, 0, 85


 65, 0, 62


 43, 0, 40


 0, 1, 17


 0, 0, 0


 200, 110, 189


 200, 110, 189


 200, 90, 187

 200, 130, 191


 200, 70, 184


 200, 150, 194

 200, 50, 182

 200, 170, 196

 200, 30, 179

 200, 190, 199

 200, 10, 177

 200, 210, 201

 200, 0, 176

 200, 230, 204

 200, 250, 206

 200, 255, 209

 200, 255, 211

Harmonies

Analogous

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



144, 129, 223



200, 110, 189



226, 99, 143

Triad

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



200, 110, 189



167, 140, 41



0, 164, 189

Complementary

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



200, 110, 189



110, 200, 121

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, 165, 142



200, 110, 189



119, 153, 56

Square

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



200, 110, 189



203, 122, 60



50, 161, 94



0, 159, 223

Rectangle

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



200, 110, 189



228, 102, 112



50, 161, 94



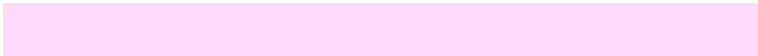
0, 165, 174

Sweetspot

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



200, 110, 189



255, 219, 251



121, 110, 200



128, 106, 125



0, 0, 0



128, 128, 128

Same Dimension

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



200, 110, 189



255, 117, 238



200, 110, 144



99, 90, 98



163, 0, 143



36, 0, 31

Inverse Universe

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



200, 110, 189



255, 117, 238



110, 200, 166



99, 90, 98



163, 0, 143



36, 0, 31

Previews

White Background



This preview shows how the RGB color 200, 110, 189 looks on a white background.

Color Contrast Check

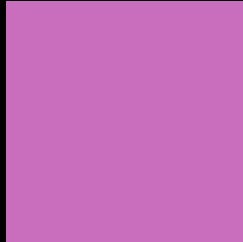
Large Text (above 18pt) WCAG AA ✓ Pass

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 200, 110, 189 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

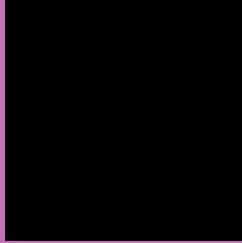
Any Text WCAG AA ✓ Pass

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 200, 110, 189 Background



This preview shows how black text looks on a background with the RGB color 200, 110, 189.

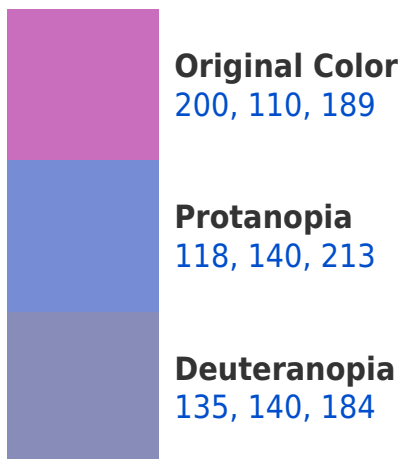



This preview shows how white text looks on a background with the RGB color 200, 110, 189.

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
193, 123, 132

Trichromacy



Original Color

200, 110, 189



Protanomaly

148, 129, 204



Deuteranomaly

159, 129, 186



Tritanomaly

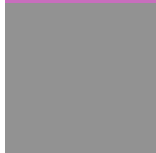
196, 118, 153

Monochromacy



Original Color

200, 110, 189



Achromatopsia

146, 146, 146



Achromatomaly

166, 133, 162

CSS Examples

Text

The CSS property to change the color of the text to RGB 200, 110, 189 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(200, 110, 189)` looks like.

```
.text, #text, p{  
    color:rgb(200, 110, 189)  
}
```

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(200, 110, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 110, 189) }
```

Border

The CSS property to change the border of an element to RGB 200, 110, 189 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(200, 110, 189) }
```

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

```
.border{ border-color:rgb(200, 110, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 110, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 110, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 110, 189);  
box-shadow:4px 4px 4px 4px rgb(200, 110,  
189) }
```

Background

The CSS property to change the background color of an element to RGB 200, 110, 189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 110, 189) }
```

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

```
.background{ background-color: rgb(200,  
110, 189) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor