

Converting Colors

`RYB(201, 110, 184)`

Have a look what the booklet for
RYB(201, 110, 184) contains.

RYB(201, 110, 184)	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

R_YB(201, 110, 184)

Conversions

Conversions Part 1

Format	Color
Hex	C96EB8
RGB	201, 110, 184
RGB Percent	79%, 43%, 72%
CMY	0.2118, 0.5686, 0.2784
CMYK	0.00, 0.45, 0.08, 0.21
HSL	311°, 46%, 61%
HSV	311°, 45%, 79%
XYZ	38.3151, 27.0301, 48.5453
YIQ	145.6450, 30.4820, 42.3060

Conversions

Conversions Part 2

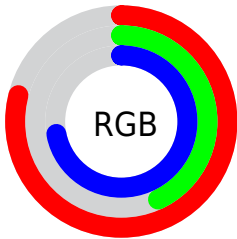
Format	Color
R _Y B	201, 110, 184
Decimal	13201080
CIE Lab	59.00, 46.07, -23.48
CIE LCh	59, 51.708, 333.000
Yxy	27.0301, 0.3364, 0.2373
Android (android.graphics.Color)	4291391160 (0xFFC96EB8)
YUV	145.6450, 18.9090, 48.5463
Hunter-Lab	51.9904, 40.5647, -18.9678

Details

The RYB color **201, 110, 184** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **110, 187, 201**, and the grayscale version is **145, 145, 145**.

A 20% lighter version of the original color is **255, 164, 240**, and **145, 58, 131** is the 20% darker color. If you saturate the color by 10%, you get **201, 90, 180**, and if you desaturate by 10%, it is **201, 130, 188**.

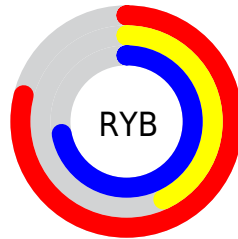
Distribution



Red (79%)

Green (43%)

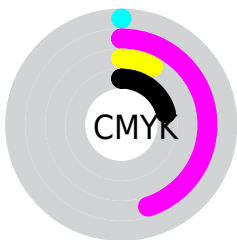
Blue (72%)



Red (79%)

Yellow (43%)

Blue (72%)

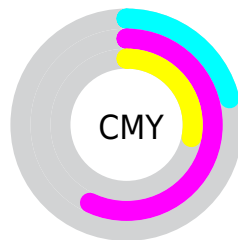


Cyan (0%)

Magenta (45%)

Yellow (8%)

Black (21%)



Cyan (21%)

Magenta (57%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the RYB color 201, 110, 184 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 201, 110, 184 by changing the saturation by 10% instead.

 201, 110, 184

 201, 110, 184

255, 255, 255

 173, 84, 157

 255, 164, 240

 145, 58, 131

 255, 192, 255

 118, 31, 105

 255, 220, 255

 92, 0, 81

 255, 249, 255

 66, 0, 58

 44, 0, 36

 0, 0, 11

 0, 0, 0

 201, 110, 184

 201, 110, 184

■ 201, 90, 180

■ 201, 130, 188

■ 201, 70, 176

■ 201, 150, 192

■ 201, 50, 173

■ 201, 170, 195

■ 201, 30, 169

■ 201, 190, 199

■ 201, 10, 165

■ 201, 209, 211

■ 201, 0, 163

■ 201, 226, 231

■ 201, 243, 251

■ 201, 245, 255

■ 201, 242, 255

Harmonies

Analogous

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



150, 128, 218



201, 110, 184



224, 101, 139

Triad

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



201, 110, 184



72, 163, 45



0, 88, 190

Complementary

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



201, 110, 184



110, 187, 201

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, 87, 164



201, 110, 184



61, 154, 99

Square

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



201, 110, 184



199, 179, 60



47, 125, 161



0, 92, 222

Rectangle

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



201, 110, 184



225, 104, 109



47, 125, 161



0, 85, 176

Sweetspot

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



201, 110, 184



255, 219, 248



127, 110, 201



128, 106, 123



0, 0, 0



128, 128, 128

Same Dimension

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



201, 110, 184



255, 117, 229



201, 110, 139



99, 90, 98



163, 0, 133



36, 0, 29

Inverse Universe

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



201, 110, 184



255, 117, 229



110, 164, 201



99, 90, 98



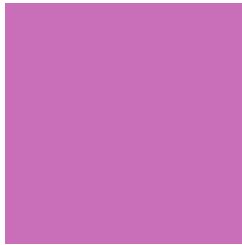
163, 0, 133



36, 0, 29

Previews

White Background



This preview shows how the RYB color 201, 110, 184 looks on a white background.

Color Contrast Check

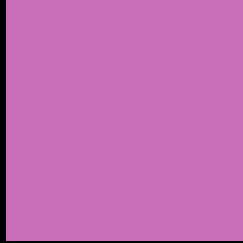
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the RYB color 201, 110, 184 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](#).

RYB 201, 110, 184 Background



This preview shows how black text looks on a background with the RYB color 201, 110, 184.

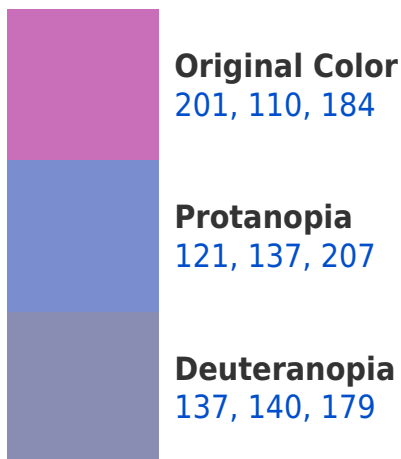


This preview shows how white text looks on a background with the RYB color 201, 110, 184.

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
195, 122, 131

Trichromacy



Original Color

201, 110, 184



Protanomaly

150, 129, 199



Deuteranomaly

160, 129, 181



Tritanomaly

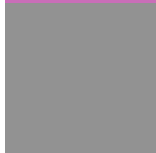
197, 118, 150

Monochromacy



Original Color

201, 110, 184



Achromatopsia

146, 146, 146



Achromatomaly

166, 133, 160

CSS Examples

Text

The CSS property to change the color of the text to RYB 201, 110, 184 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(201, 110, 184) looks like.

```
.text, #text, p{  
    color:rgb(201, 110, 184)  
}
```

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(201, 110, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 110, 184) }
```

Border

The CSS property to change the border of an element to RYB 201, 110, 184 is called "border". The border property can be set on classes, ids or directly on the HTML element.

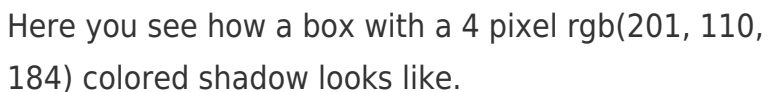
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(201, 110, 184) }
```

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

```
.border{ border-color:rgb(201, 110, 184) }
```

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



Here you see how a box with a 4 pixel `rgb(201, 110, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(201, 110, 184); -webkit-box-shadow:4px 4px 4px 4px rgb(201, 110, 184); box-shadow:4px 4px 4px 4px rgb(201, 110, 184) }
```

Background

The CSS property to change the background color of an element to RGB 201, 110, 184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 110, 184) }
```

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

```
.background{ background-color: rgb(201,  
110, 184) }
```

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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