

Converting Colors

`RYB(197, 97, 185)`

Have a look what the booklet for RYB(197, 97, 185) contains.

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Color

R_YB(197, 97, 185)

Conversions

Conversions Part 1

Format	Color
Hex	C561B9
RGB	197, 97, 185
RGB Percent	77%, 38%, 73%
CMY	0.2275, 0.6196, 0.2745
CMYK	0.00, 0.51, 0.06, 0.23
HSL	307°, 46%, 58%
HSV	307°, 51%, 77%
XYZ	36.0576, 23.9225, 48.6160
YIQ	136.9320, 31.3520, 48.5680

Conversions

Conversions Part 2

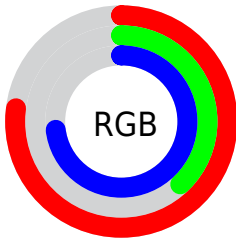
Format	Color
R_{YB}	197, 97, 185
Decimal	12935609
CIE _{Lab}	56.01, 51.57, -28.71
CIE _{LCh}	56, 59.020, 330.895
Yxy	23.9225, 0.3320, 0.2203
Android (android.graphics.Color)	4291125689 (0xFFC561B9)
YUV	136.9320, 23.6975, 52.6796
Hunter-Lab	48.9106, 45.9992, -24.6954

Details

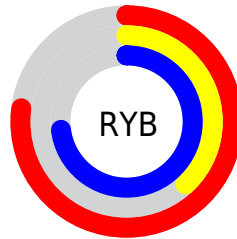
The RYB color **197, 97, 185** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **97, 186, 197**, and the grayscale version is **137, 137, 137**.

A 20% lighter version of the original color is **255, 151, 241**, and **141, 43, 132** is the 20% darker color. If you saturate the color by 10%, you get **197, 77, 183**, and if you desaturate by 10%, it is **197, 117, 187**.

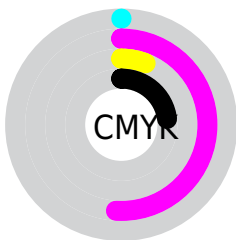
Distribution



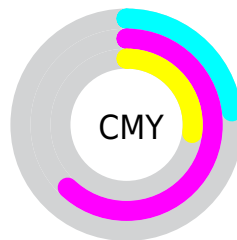
- Red (77%)
- Green (38%)
- Blue (73%)



- Red (77%)
- Yellow (38%)
- Blue (73%)



- Cyan (0%)
- Magenta (51%)
- Yellow (6%)
- Black (23%)



- Cyan (23%)
- Magenta (62%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the RYB color 197, 97, 185 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, 97, 185 by changing the saturation by 10% instead.


 197, 97, 185

 197, 97, 185

255, 255, 255

 169, 70, 158

 255, 151, 241

 141, 43, 132

 255, 179, 255

 114, 7, 106

 255, 207, 255

 87, 0, 82

 255, 236, 255

 61, 0, 58

 38, 0, 36

 0, 0, 11

 0, 0, 0

 197, 97, 185

 197, 97, 185

197, 77, 183

197, 117, 187

197, 58, 180

197, 136, 190

197, 38, 178

197, 156, 192

197, 18, 176

197, 176, 194

197, 0, 173

197, 196, 197

197, 213, 215

197, 231, 235

197, 249, 255

197, 247, 255

Harmonies

Analogous

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



135, 120, 223



197, 97, 185



224, 84, 135

Triad

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



197, 97, 185



44, 158, 12



0, 85, 186

Complementary

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



197, 97, 185



97, 186, 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.



0, 85, 158



197, 97, 185



36, 146, 75

Square

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



197, 97, 185



198, 172, 42



2, 102, 155



0, 90, 223

Rectangle

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



197, 97, 185



226, 87, 101



2, 102, 155



0, 82, 169

Sweetspot

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



197, 97, 185



255, 217, 250



109, 97, 197



128, 105, 125



0, 0, 0



128, 128, 128

Same Dimension

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



197, 97, 185



255, 99, 236



197, 97, 135



99, 90, 98



163, 0, 144



36, 0, 31

Inverse Universe

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



197, 97, 185



255, 99, 236



97, 159, 197



99, 90, 98



163, 0, 144



36, 0, 31

Previews

White Background



This preview shows how the RYB color 197, 97, 185 looks on a white background.

Color Contrast Check

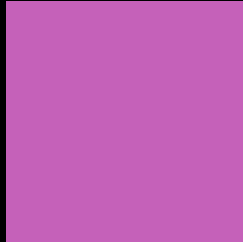
Large Text (above 18pt) WCAG AA ✓ Pass

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 197, 97, 185 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

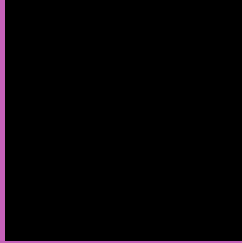
Any Text WCAG AA ✓ Pass

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 197, 97, 185 Background



This preview shows how black text looks on a background with the RYB color 197, 97, 185.



This preview shows how white text looks on a background with the RYB color 197, 97, 185.

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, 97, 185

Protanopia
104, 126, 214

Deuteranopia
123, 131, 179



Tritanopia
190, 112, 120

Trichromacy



Original Color

197, 97, 185



Protanomaly

138, 119, 203



Deuteranomaly

150, 120, 181



Tritanomaly

193, 107, 144

Monochromacy



Original Color

197, 97, 185



Achromatopsia

137, 137, 137



Achromatomaly

159, 122, 154

CSS Examples

Text

The CSS property to change the color of the text to RYB 197, 97, 185 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, 97, 185)` looks like.

```
.text, #text, p{  
    color:rgb(197, 97, 185)  
}
```

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, 97, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 97, 185) }
```

Border

The CSS property to change the border of an element to RYB 197, 97, 185 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, 97, 185) }
```

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

```
.border{ border-color:rgb(197, 97, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 97, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 97, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 97, 185);  
box-shadow:4px 4px 4px 4px rgb(197, 97,  
185) }
```

Background

The CSS property to change the background color of an element to RGB 197, 97, 185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 97, 185) }
```

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

```
.background{ background-color: rgb(197, 97,  
185) }
```

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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