

Converting Colors

`RYB(193, 137, 201)`

Have a look what the booklet for
RYB(193, 137, 201) contains.

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Color

R_YB(193, 137, 201)

Conversions

Conversions Part 1

Format	Color
Hex	C189C9
RGB	193, 137, 201
RGB Percent	76%, 54%, 79%
CMY	0.2431, 0.4627, 0.2118
CMYK	0.04, 0.32, 0.00, 0.21
HSL	292°, 37%, 66%
HSV	292°, 32%, 79%
XYZ	41.4806, 33.4458, 59.5278
YIQ	161.0400, 12.8320, 31.7760

Conversions

Conversions Part 2

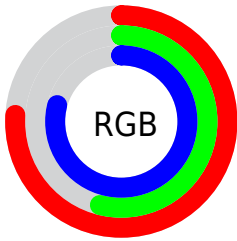
Format	Color
RYB	193, 137, 201
Decimal	12683721
CIELab	64.52, 32.19, -24.71
CIElCh	65, 40.581, 322.491
Yxy	33.4458, 0.3085, 0.2488
Android (android.graphics.Color)	4290873801 (0xFFC189C9)
YUV	161.0400, 19.7003, 28.0289
Hunter-Lab	57.8324, 26.8235, -20.5455

Details

The RYB color **193, 137, 201** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **137, 201, 193**, and the grayscale version is **161, 161, 161**.

A 20% lighter version of the original color is **250, 191, 255**, and **138, 86, 147** is the 20% darker color. If you saturate the color by 10%, you get **190, 117, 201**, and if you desaturate by 10%, it is **196, 157, 201**.

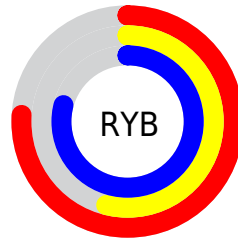
Distribution



Red (76%)

Green (54%)

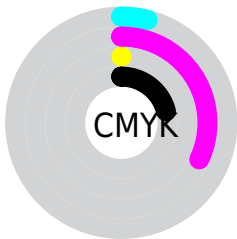
Blue (79%)



Red (76%)

Yellow (54%)

Blue (79%)

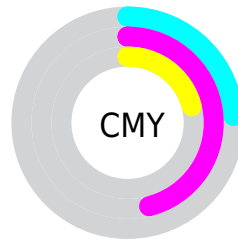


Cyan (4%)

Magenta (32%)

Yellow (0%)

Black (21%)



Cyan (24%)

Magenta (46%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the RYB color 193, 137, 201 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 193, 137, 201 by changing the saturation by 10% instead.


 193, 137, 201

255, 255, 255

 250, 191, 255

 255, 219, 255

 255, 248, 255

 193, 137, 201

 165, 111, 174

 138, 86, 147

 112, 62, 121

 87, 38, 96

 62, 14, 72

 40, 0, 49

 5, 0, 28


 0, 0, 0


 193, 137, 201


 193, 137, 201


 190, 117, 201


 196, 157, 201


 188, 97, 201


 198, 177, 201


 185, 77, 201


 201, 197, 201


 183, 57, 201

 201, 217, 215


 180, 37, 201


 201, 238, 233


 178, 16, 201

 201, 255, 248

 176, 0, 201

 201, 255, 245

 201, 255, 243

 201, 255, 240

Harmonies

Analogous

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



146, 150, 223



193, 137, 201



220, 128, 167

Triad

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



193, 137, 201



139, 187, 84



0, 89, 183

Complementary

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



193, 137, 201



137, 201, 193

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.



53, 122, 175



193, 137, 201



88, 163, 99

Square

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



193, 137, 201



214, 157, 100



109, 169, 171



0, 95, 213

Rectangle

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



193, 137, 201



226, 127, 143



109, 169, 171



0, 89, 176

Sweetspot

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



193, 137, 201



252, 230, 255



137, 145, 201



126, 112, 128



0, 0, 0



128, 128, 128

Same Dimension

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



193, 137, 201



243, 158, 255



201, 137, 178



98, 90, 99



143, 0, 163



31, 0, 36

Inverse Universe

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



201, 137, 145



255, 158, 170



137, 184, 201



99, 90, 91



163, 0, 20



36, 0, 4

Previews

White Background



This preview shows how the RYB color 193, 137, 201 looks on a white background.

Color Contrast Check

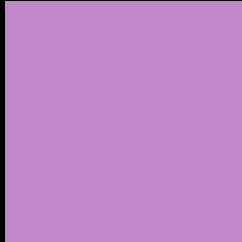
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 193, 137, 201 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

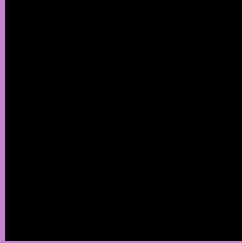
Any Text WCAG AA ✓ Pass

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](#).

RYB 193, 137, 201 Background



This preview shows how black text looks on a background with the RYB color 193, 137, 201.



This preview shows how white text looks on a background with the RYB color 193, 137, 201.

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
193, 137, 201

Protanopia
139, 152, 214

Deuteranopia
151, 154, 198



Tritanopia
187, 146, 157

Trichromacy



Original Color
193, 137, 201

Protanomaly
159, 148, 209

Deuteranomaly
166, 148, 199

Tritanomaly
189, 143, 173

Monochromacy



Original Color
193, 137, 201

Achromatopsia
161, 161, 161

Achromatomaly
173, 152, 176

CSS Examples

Text

The CSS property to change the color of the text to RYB 193, 137, 201 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(193, 137, 201)` looks like.

```
.text, #text, p{  
    color:rgb(193, 137, 201)  
}
```

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(193, 137, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 137, 201) }
```

Border

The CSS property to change the border of an element to RYB 193, 137, 201 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(193, 137, 201) }
```

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

```
.border{ border-color:rgb(193, 137, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 137, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 137, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 137, 201);  
box-shadow:4px 4px 4px 4px rgb(193, 137,  
201) }
```

Background

The CSS property to change the background color of an element to RYB 193, 137, 201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 137, 201) }
```

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

```
.background{ background-color: rgb(193,  
137, 201) }
```

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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