

Converting Colors

`RYB(192, 137, 175)`

Have a look what the booklet for
RYB(192, 137, 175) contains.

RYB(192, 137, 175)	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(192, 137, 175)

Conversions

Conversions Part 1

Format	Color
Hex	C089AF
RGB	192, 137, 175
RGB Percent	75%, 54%, 69%
CMY	0.2471, 0.4627, 0.3137
CMYK	0.00, 0.29, 0.09, 0.25
HSL	319°, 30%, 65%
HSV	319°, 29%, 75%
XYZ	38.4218, 32.1929, 44.7463
YIQ	157.7770, 20.5820, 23.4780

Conversions

Conversions Part 2

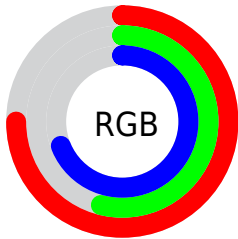
Format	Color
RYB	192, 137, 175
Decimal	12618159
CIELab	63.50, 27.02, -11.62
CIElCh	64, 29.413, 336.725
Yxy	32.1929, 0.3331, 0.2791
Android (android.graphics.Color)	4290808239 (0xFFC089AF)
YUV	157.7770, 8.4909, 30.0136
Hunter-Lab	56.7388, 21.5817, -7.0410

Details

The RYB color **192, 137, 175** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **137, 179, 192**, and the grayscale version is **158, 158, 158**.

A 20% lighter version of the original color is **249, 191, 231**, and **138, 86, 123** is the 20% darker color. If you saturate the color by 10%, you get **192, 118, 169**, and if you desaturate by 10%, it is **192, 156, 181**.

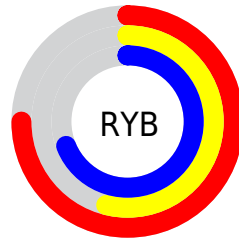
Distribution



Red (75%)

Green (54%)

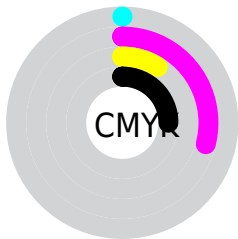
Blue (69%)



Red (75%)

Yellow (54%)

Blue (69%)

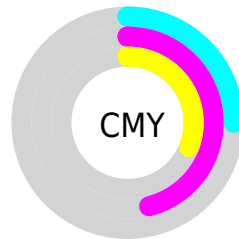


Cyan (0%)

Magenta (29%)

Yellow (9%)

Black (25%)



Cyan (25%)

Magenta (46%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the RYB color 192, 137, 175 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 192, 137, 175 by changing the saturation by 10% instead.


 192, 137, 175


255, 255, 255

 249, 191, 231

 255, 219, 255

 255, 248, 255

 192, 137, 175

 164, 111, 148

 138, 86, 123

 112, 62, 98


 86, 39, 74


 62, 16, 51


 40, 0, 30


 0, 0, 1

 0, 0, 0


 192, 137, 175

 192, 137, 175


 192, 118, 169


 192, 156, 181

 192, 99, 163

 192, 175, 187

 192, 79, 157


 192, 194, 195

 192, 60, 151

 192, 209, 214

 192, 41, 145

 192, 223, 233

 192, 22, 139

 192, 238, 252

 192, 3, 133

 192, 237, 255

 192, 0, 133

 192, 235, 255

 192, 232, 255

Harmonies

Analogous

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



165, 145, 196



192, 137, 175



205, 134, 149

Triad

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



192, 137, 175



116, 166, 101



66, 120, 184

Complementary

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



192, 137, 175



137, 179, 192

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.



78, 125, 168



192, 137, 175



111, 162, 135

Square

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



192, 137, 175



189, 180, 106



107, 148, 166



89, 133, 201

Rectangle

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



192, 137, 175



205, 136, 132



107, 148, 166



66, 119, 176

Sweetspot

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



192, 137, 175



250, 227, 243



154, 137, 192



125, 111, 121



252, 252, 252



125, 125, 125

Same Dimension

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



192, 137, 175



250, 165, 224



192, 137, 148



97, 87, 94



161, 0, 111



33, 0, 23

Inverse Universe

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



192, 137, 175



250, 165, 224



137, 168, 192



97, 87, 94



161, 0, 111



33, 0, 23

Previews

White Background



This preview shows how the RYB color 192, 137, 175 looks on a white background.

Color Contrast Check

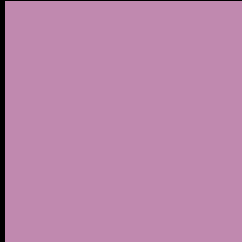
Large Text (above 18pt) WCAG AA × Fail

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 192, 137, 175 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

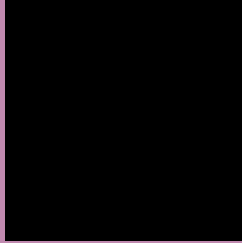
Any Text WCAG AA ✓ Pass

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 192, 137, 175 Background



This preview shows how black text looks on a background with the RYB color 192, 137, 175.

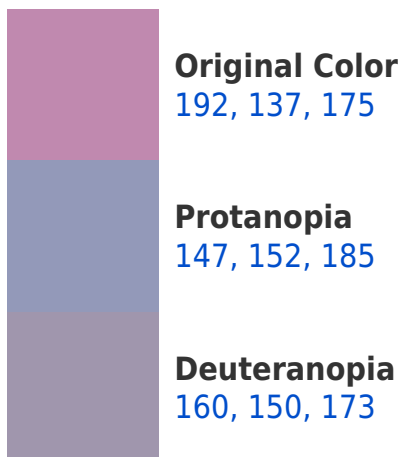



This preview shows how white text looks on a background with the RYB color 192, 137, 175.

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
189, 141, 152

Trichromacy



Original Color
192, 137, 175

Protanomaly
163, 147, 181

Deuteranomaly
172, 145, 174

Tritanomaly
190, 140, 160

Monochromacy



Original Color
192, 137, 175

Achromatopsia
158, 158, 158

Achromatomaly
170, 150, 164

CSS Examples

Text

The CSS property to change the color of the text to RYB 192, 137, 175 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(192, 137, 175)` looks like.

```
.text, #text, p{  
    color:rgb(192, 137, 175)  
}
```

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(192, 137, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 137, 175) }
```

Border

The CSS property to change the border of an element to RYB 192, 137, 175 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(192, 137, 175) }
```

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

```
.border{ border-color:rgb(192, 137, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 137, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 137, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 137, 175);  
box-shadow:4px 4px 4px 4px rgb(192, 137,  
175) }
```

Background

The CSS property to change the background color of an element to RYB 192, 137, 175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 137, 175) }
```

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

```
.background{ background-color: rgb(192,  
137, 175) }
```

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