

Converting Colors

`RYB(190, 137, 184)`

Have a look what the booklet for
RYB(190, 137, 184) contains.

RYB(190, 137, 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(190, 137, 184)

Conversions

Conversions Part 1

Format	Color
Hex	BE89B8
RGB	190, 137, 184
RGB Percent	75%, 54%, 72%
CMY	0.2549, 0.4627, 0.2784
CMYK	0.00, 0.28, 0.03, 0.25
HSL	307°, 29%, 64%
HSV	307°, 28%, 75%
XYZ	38.8326, 32.2992, 49.5351
YIQ	158.2050, 16.5010, 25.8530

Conversions

Conversions Part 2

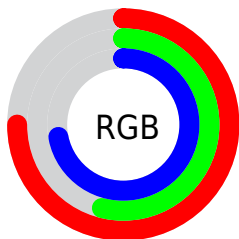
Format	Color
R _Y B	190, 137, 184
Decimal	12487096
CIE Lab	63.59, 27.96, -16.60
CIE LCh	64, 32.511, 329.302
Yxy	32.2992, 0.3218, 0.2677
Android (android.graphics.Color)	4290677176 (0xFFBE89B8)
YUV	158.2050, 12.7169, 27.8842
Hunter-Lab	56.8324, 22.5094, -11.8945

Details

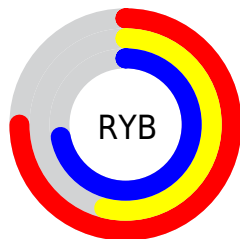
The RYB color **190, 137, 184** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **137, 185, 190**, and the grayscale version is **158, 158, 158**.

A 20% lighter version of the original color is **247, 191, 240**, and **136, 86, 131** is the 20% darker color. If you saturate the color by 10%, you get **190, 118, 182**, and if you desaturate by 10%, it is **190, 156, 186**.

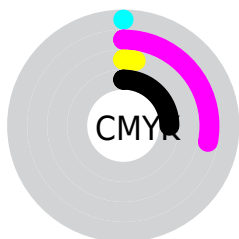
Distribution



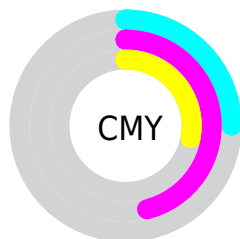
- Red (75%)
- Green (54%)
- Blue (72%)



- Red (75%)
- Yellow (54%)
- Blue (72%)



- Cyan (0%)
- Magenta (28%)
- Yellow (3%)
- Black (25%)



- Cyan (25%)
- Magenta (46%)
- Yellow (28%)


Brightness & Saturation Gradients

These gradients show how the RYB color 190, 137, 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 190, 137, 184 by changing the saturation by 10% instead.

 190, 137, 184

255, 255, 255

 247, 191, 240


 255, 219, 255

 255, 248, 255


 190, 137, 184

 163, 111, 157

 136, 86, 131

 110, 62, 106

 85, 39, 81

 61, 16, 58

 39, 0, 37


 0, 0, 13


 0, 0, 0


 190, 137, 184


 190, 137, 184


 190, 118, 182


 190, 156, 186

 190, 99, 180


 190, 175, 188

 190, 80, 178


 190, 194, 194

 190, 61, 175

 190, 210, 213

 190, 42, 173

 190, 228, 232

 190, 23, 171

 190, 245, 251

 190, 4, 169

 190, 247, 255

 190, 0, 168

 190, 246, 255

 190, 244, 255

Harmonies

Analogous

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



157, 147, 204



190, 137, 184



208, 132, 156

Triad

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



190, 137, 184



127, 174, 96



46, 110, 181

Complementary

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



190, 137, 184



137, 185, 190

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.



74, 127, 170



190, 137, 184



103, 161, 120

Square

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



190, 137, 184



197, 167, 105



110, 156, 167



66, 123, 203

Rectangle

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



190, 137, 184



211, 133, 136



110, 156, 167



52, 111, 172

Sweetspot

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



190, 137, 184



247, 228, 245



142, 137, 190



125, 112, 124



252, 252, 252



125, 125, 125

Same Dimension

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



190, 137, 184



247, 166, 238



190, 137, 158



94, 85, 93



158, 0, 140



31, 0, 27

Inverse Universe

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



190, 137, 184



247, 166, 238



137, 170, 190



94, 85, 93



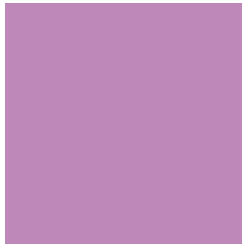
158, 0, 140



31, 0, 27

Previews

White Background



This preview shows how the RYB color 190, 137, 184 looks on a white background.

Color Contrast Check

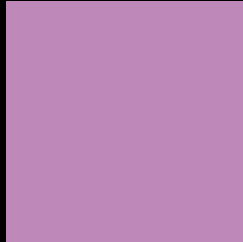
Large Text (above 18pt) WCAG AA × Fail

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 190, 137, 184 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

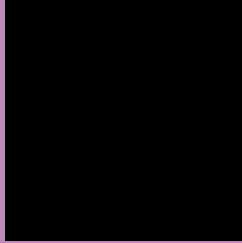
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 190, 137, 184 Background



This preview shows how black text looks on a background with the RYB color 190, 137, 184.

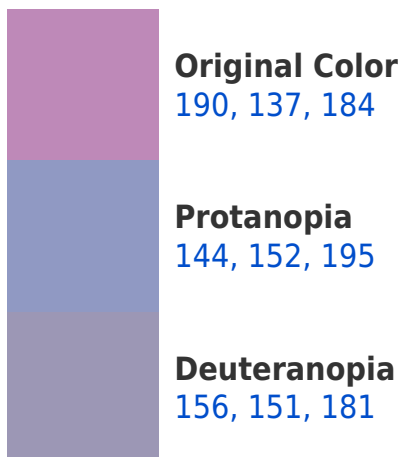



This preview shows how white text looks on a background with the RYB color 190, 137, 184.

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
186, 143, 154

Trichromacy



Original Color
190, 137, 184

Protanomaly
161, 147, 191

Deuteranomaly
168, 146, 182

Tritanomaly
187, 141, 165

Monochromacy



Original Color
190, 137, 184

Achromatopsia
158, 158, 158

Achromatomaly
170, 150, 167

CSS Examples

Text

The CSS property to change the color of the text to RYB 190, 137, 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(190, 137, 184) looks like.

```
.text, #text, p{  
    color:rgb(190, 137, 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(190, 137, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 137, 184) }
```

Border

The CSS property to change the border of an element to RYB 190, 137, 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(190, 137, 184) }
```

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

```
.border{ border-color:rgb(190, 137, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 137, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 137, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 137, 184);  
box-shadow:4px 4px 4px 4px rgb(190, 137,  
184) }
```

Background

The CSS property to change the background color of an element to RYB 190, 137, 184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 137, 184) }
```

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

```
.background{ background-color: rgb(190,  
137, 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](#).

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