

Converting Colors

`RYB(185, 137, 201)`

Have a look what the booklet for
RYB(185, 137, 201) contains.

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Color

R_YB(185, 137, 201)

Conversions

Conversions Part 1

Format	Color
Hex	B989C9
RGB	185, 137, 201
RGB Percent	73%, 54%, 79%
CMY	0.2745, 0.4627, 0.2118
CMYK	0.08, 0.32, 0.00, 0.21
HSL	285°, 37%, 66%
HSV	285°, 32%, 79%
XYZ	39.4959, 32.4227, 59.4349
YIQ	158.6480, 8.0640, 30.0800

Conversions

Conversions Part 2

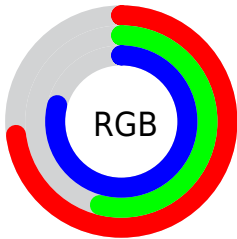
Format	Color
R _Y B	185, 137, 201
Decimal	12159433
CIE Lab	63.69, 29.62, -26.05
CIE LCh	64, 39.448, 318.664
Yxy	32.4227, 0.3007, 0.2468
Android (android.graphics.Color)	4290349513 (0xFFB989C9)
YUV	158.6480, 20.8795, 23.1107
Hunter-Lab	56.9409, 24.1662, -22.0282

Details

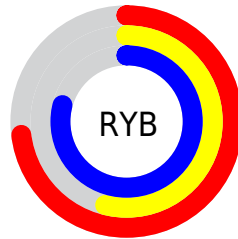
The RYB color **185, 137, 201** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **137, 201, 185**, and the grayscale version is **158, 158, 158**.

A 20% lighter version of the original color is **242, 191, 255**, and **131, 86, 147** is the 20% darker color. If you saturate the color by 10%, you get **180, 117, 201**, and if you desaturate by 10%, it is **190, 157, 201**.

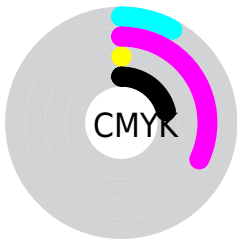
Distribution



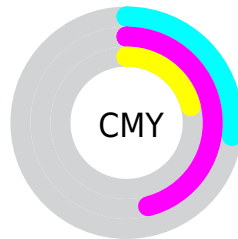
- Red (73%)
- Green (54%)
- Blue (79%)



- Red (73%)
- Yellow (54%)
- Blue (79%)



- Cyan (8%)
- Magenta (32%)
- Yellow (0%)
- Black (21%)



- Cyan (27%)
- Magenta (46%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the RYB color 185, 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 185, 137, 201 by changing the saturation by 10% instead.


 185, 137, 201

 185, 137, 201

255, 255, 255

 158, 111, 174

 242, 191, 255

 131, 86, 147

 255, 219, 255

 105, 62, 121

 255, 248, 255

 80, 39, 96

 56, 16, 72


 34, 0, 49


 0, 0, 27

 0, 0, 0

 185, 137, 201


 185, 137, 201


 180, 117, 201


 190, 157, 201


 175, 97, 201


 195, 177, 201


 170, 77, 201


 200, 197, 201


 165, 57, 201

 201, 217, 213


 160, 37, 201


 201, 238, 229


 155, 16, 201

 201, 255, 241

 151, 0, 201

 201, 255, 236

 201, 255, 231

 201, 255, 226

Harmonies

Analogous

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



138, 148, 221



185, 137, 201



214, 128, 169

Triad

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



185, 137, 201



150, 188, 85



0, 87, 176

Complementary

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



185, 137, 201



137, 201, 185

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.



64, 128, 172



185, 137, 201



86, 159, 90

Square

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



185, 137, 201



212, 148, 103



106, 167, 158



0, 93, 206

Rectangle

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



185, 137, 201



221, 126, 145



106, 167, 158



0, 89, 173

Sweetspot

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



185, 137, 201



249, 230, 255



137, 150, 201



124, 112, 128



0, 0, 0



128, 128, 128

Same Dimension

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



185, 137, 201



231, 158, 255



201, 137, 185



97, 90, 99



122, 0, 163



27, 0, 36

Inverse Universe

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



201, 137, 153



255, 158, 182



137, 188, 201



99, 90, 92



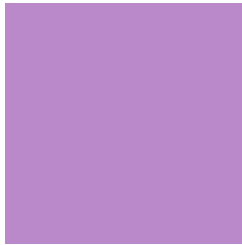
163, 0, 41



36, 0, 9

Previews

White Background



This preview shows how the RYB color 185, 137, 201 looks on a white background.

Color Contrast Check

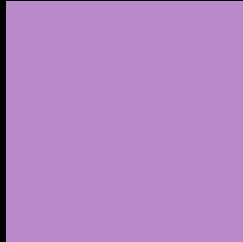
Large Text (above 18pt) WCAG AA × Fail

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 185, 137, 201 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

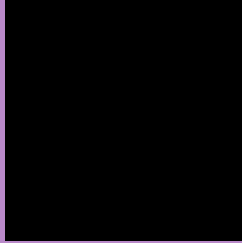
Any Text WCAG AA ✓ Pass

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 185, 137, 201 Background



This preview shows how black text looks on a background with the RYB color 185, 137, 201.

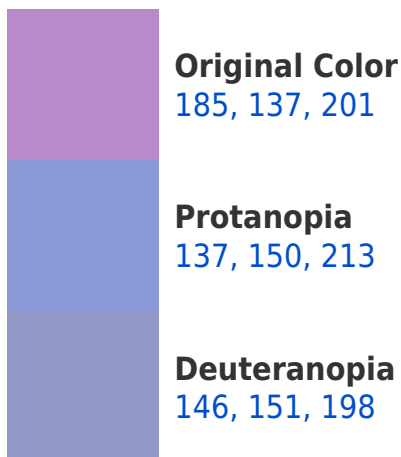


This preview shows how white text looks on a background with the RYB color 185, 137, 201.

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





Tritanopia
178, 146, 157

Trichromacy



Original Color

185, 137, 201



Protanomaly

154, 147, 209



Deuteranomaly

160, 147, 199



Tritanomaly

181, 143, 173

Monochromacy



Original Color

185, 137, 201



Achromatopsia

159, 159, 159



Achromatomaly

168, 151, 174

CSS Examples

Text

The CSS property to change the color of the text to RYB 185, 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(185, 137, 201)` looks like.

```
.text, #text, p{  
    color:rgb(185, 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(185, 137, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 137, 201) }
```

Border

The CSS property to change the border of an element to RYB 185, 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(185, 137, 201) }
```

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

```
.border{ border-color:rgb(185, 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(185, 137, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 137, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 137, 201);  
box-shadow:4px 4px 4px 4px rgb(185, 137,  
201) }
```

Background

The CSS property to change the background color of an element to RYB 185, 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(185, 137, 201) }
```

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

```
.background{ background-color: rgb(185,  
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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