

Converting Colors

`RYB(169, 137, 199)`

Have a look what the booklet for
RYB(169, 137, 199) contains.

RYB(169, 137, 199)	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(169, 137, 199)

Conversions

Conversions Part 1

Format	Color
Hex	A989C7
RGB	169, 137, 199
RGB Percent	66%, 54%, 78%
CMY	0.3373, 0.4627, 0.2196
CMYK	0.15, 0.31, 0.00, 0.22
HSL	271°, 36%, 66%
HSV	271°, 31%, 78%
XYZ	35.6166, 30.4499, 58.0330
YIQ	153.6360, -0.8300, 26.0660

Conversions

Conversions Part 2

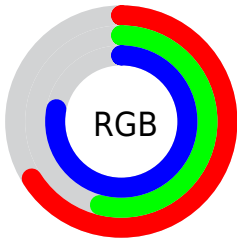
Format	Color
RYB	169, 137, 199
Decimal	11110855
CIELab	62.04, 24.09, -27.60
CIELCh	62, 36.640, 311.115
Yxy	30.4499, 0.2870, 0.2454
Android (android.graphics.Color)	4289300935 (0xFFA989C7)
YUV	153.6360, 22.3645, 13.4742
Hunter-Lab	55.1814, 18.6448, -23.7270

Details

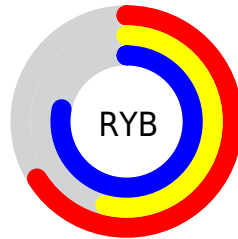
The RYB color **169, 137, 199** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **137, 199, 169**, and the grayscale version is **153, 153, 153**.

A 20% lighter version of the original color is **225, 191, 255**, and **116, 87, 145** is the 20% darker color. If you saturate the color by 10%, you get **159, 117, 199**, and if you desaturate by 10%, it is **179, 157, 199**.

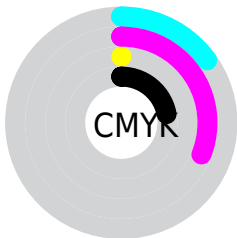
Distribution



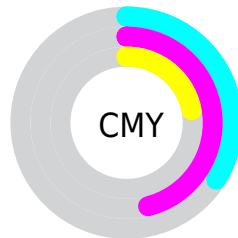
- Red (66%)
- Green (54%)
- Blue (78%)



- Red (66%)
- Yellow (54%)
- Blue (78%)



- Cyan (15%)
- Magenta (31%)
- Yellow (0%)
- Black (22%)



- Cyan (34%)
- Magenta (46%)
- Yellow (22%)


Brightness & Saturation Gradients

These gradients show how the RYB color 169, 137, 199 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 169, 137, 199 by changing the saturation by 10% instead.

 169, 137, 199

255, 255, 255

 225, 191, 255

 254, 219, 255

 255, 247, 255

 169, 137, 199

 142, 111, 172


 116, 87, 145

 91, 63, 119

 66, 41, 94

 42, 19, 70

 23, 0, 48

 0, 1, 26

 0, 0, 0

 169, 137, 199

 169, 137, 199

159, 117, 199

179, 157, 199

150, 97, 199

188, 177, 199

140, 77, 199

198, 197, 199

130, 57, 199

199, 217, 208

121, 38, 199

199, 237, 219

111, 18, 199

199, 255, 227

103, 0, 199

199, 255, 218

199, 255, 208

199, 255, 199

Harmonies

Analogous

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



122, 143, 213



169, 137, 199



200, 127, 172

Triad

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



169, 137, 199



178, 188, 89



21, 96, 167

Complementary

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



169, 137, 199



137, 199, 169

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.



82, 136, 166



169, 137, 199



93, 159, 85

Square

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



169, 137, 199



208, 136, 109



100, 160, 137



0, 89, 192

Rectangle

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



169, 137, 199



211, 124, 150



100, 160, 137



46, 111, 167

Sweetspot

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



169, 137, 199



244, 232, 255



137, 158, 199



121, 113, 128



0, 0, 0



128, 128, 128

Same Dimension

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



169, 137, 199



209, 161, 255



199, 137, 199



95, 90, 99



84, 0, 163



18, 0, 36

Inverse Universe

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



199, 137, 167



255, 161, 206



137, 199, 199



99, 90, 94



163, 0, 79



36, 0, 17

Previews

White Background



This preview shows how the RYB color 169, 137, 199 looks on a white background.

Color Contrast Check

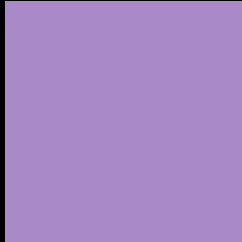
Large Text (above 18pt) WCAG AA × Fail

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 169, 137, 199 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

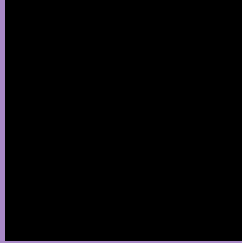
Any Text WCAG AA ✓ Pass

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 169, 137, 199 Background



This preview shows how black text looks on a background with the RYB color 169, 137, 199.

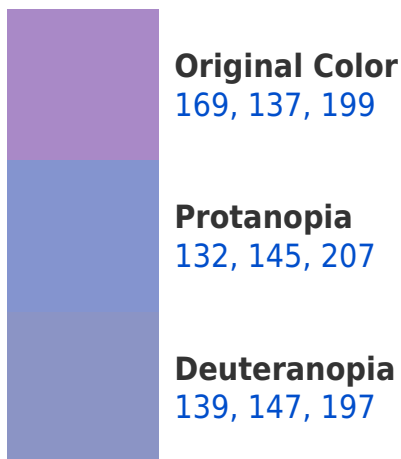


This preview shows how white text looks on a background with the RYB color 169, 137, 199.

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
162, 145, 157

Trichromacy



Original Color
169, 137, 199

Protanomaly
145, 144, 204

Deuteranomaly
150, 144, 198

Tritanomaly
165, 142, 172

Monochromacy



Original Color
169, 137, 199

Achromatopsia
154, 154, 154

Achromatomaly
159, 148, 170

CSS Examples

Text

The CSS property to change the color of the text to RYB 169, 137, 199 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(169, 137, 199)` looks like.

```
.text, #text, p{  
    color:rgb(169, 137, 199)  
}
```

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(169, 137, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 137, 199) }
```

Border

The CSS property to change the border of an element to RYB 169, 137, 199 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(169, 137, 199) }
```

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

```
.border{ border-color:rgb(169, 137, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 137, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 137, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 137, 199);  
box-shadow:4px 4px 4px 4px rgb(169, 137,  
199) }
```

Background

The CSS property to change the background color of an element to RYB 169, 137, 199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 137, 199) }
```

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

```
.background{ background-color: rgb(169,  
137, 199) }
```

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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