

Converting Colors

`RYB(232, 137, 201)`

Have a look what the booklet for
RYB(232, 137, 201) contains.

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Color

`RYB(232, 137, 201)`

Conversions

Conversions Part 1

Format	Color
Hex	E889C9
RGB	232, 137, 201
RGB Percent	91%, 54%, 79%
CMY	0.0902, 0.4627, 0.2118
CMYK	0.00, 0.41, 0.13, 0.09
HSL	320°, 67%, 72%
HSV	320°, 41%, 91%
XYZ	52.7670, 39.2642, 60.0560
YIQ	172.7010, 36.0760, 40.0440

Conversions

Conversions Part 2

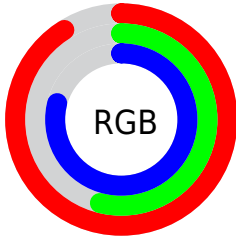
Format	Color
RYB	232, 137, 201
Decimal	15239625
CIELab	68.94, 44.81, -17.57
CIElCh	69, 48.130, 338.593
Yxy	39.2642, 0.3470, 0.2582
Android (android.graphics.Color)	4293429705 (0xFFE889C9)
YUV	172.7010, 13.9514, 52.0052
Hunter-Lab	62.6611, 40.6580, -12.9622

Details

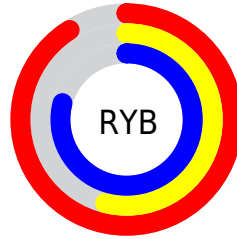
The RYB color **232, 137, 201** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **137, 209, 232**, and the grayscale version is **173, 173, 173**.

A 20% lighter version of the original color is **255, 192, 255**, and **175, 84, 147** is the 20% darker color. If you saturate the color by 10%, you get **232, 114, 193**, and if you desaturate by 10%, it is **232, 160, 209**.

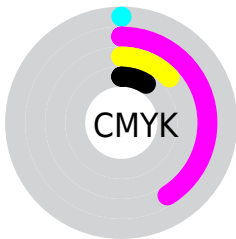
Distribution



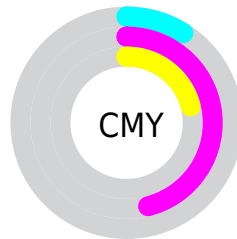
- Red (91%)
- Green (54%)
- Blue (79%)



- Red (91%)
- Yellow (54%)
- Blue (79%)



- Cyan (0%)
- Magenta (41%)
- Yellow (13%)
- Black (9%)




- Cyan (9%)
- Magenta (46%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the RYB color 232, 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 232, 137, 201 by changing the saturation by 10% instead.

 232, 137, 201

 232, 137, 201

255, 255, 255

 203, 110, 174

 255, 192, 255

 175, 84, 147

 255, 221, 255

 147, 58, 121

 255, 250, 255


 120, 31, 96

 93, 0, 72


 67, 0, 50

 45, 0, 29

 0, 0, 0


 232, 137, 201

 232, 137, 201

 232, 114, 193

 232, 160, 209

 232, 91, 186

 232, 183, 216

 232, 67, 178

 232, 207, 224

 232, 44, 171

 232, 230, 231

 232, 21, 163

 232, 248, 253

 232, 0, 156

 232, 246, 255

 232, 244, 255

 232, 244, 255

Harmonies

Analogous

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



188, 152, 237



232, 137, 201



250, 132, 157

Triad

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



232, 137, 201



93, 182, 79



0, 102, 221

Complementary

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



232, 137, 201



137, 209, 232

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.



0, 98, 191



232, 137, 201



98, 181, 143

Square

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



232, 137, 201



214, 220, 87



74, 148, 188



0, 105, 249

Rectangle

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



232, 137, 201



249, 136, 129



74, 148, 188



0, 100, 209

Sweetspot

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



232, 137, 201



255, 224, 245



167, 137, 232



128, 110, 122



0, 0, 0



128, 128, 128

Same Dimension

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



232, 137, 201



255, 130, 214



232, 137, 154



115, 103, 111



179, 0, 120



51, 0, 34

Inverse Universe

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



232, 137, 201



255, 130, 214



137, 189, 232



115, 103, 111



179, 0, 120



51, 0, 34

Previews

White Background



This preview shows how the RYB color 232, 137, 201 looks on a white background.

Color Contrast Check

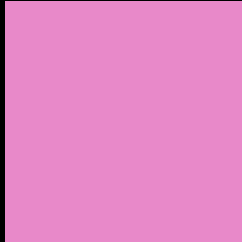
Large Text (above 18pt) WCAG AA × Fail

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 232, 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 232, 137, 201 Background



This preview shows how black text looks on a background with the RYB color 232, 137, 201.



This preview shows how white text looks on a background with the RYB color 232, 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
232, 137, 201

Protanopia
154, 165, 222

Deuteranopia
172, 165, 196



Tritanopia
227, 146, 157

Trichromacy



Original Color

232, 137, 201



Protanomaly

182, 156, 214



Deuteranomaly

194, 155, 198



Tritanomaly

229, 143, 173

Monochromacy



Original Color

232, 137, 201



Achromatopsia

173, 173, 173



Achromatomaly

194, 160, 183

CSS Examples

Text

The CSS property to change the color of the text to RYB 232, 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(232, 137, 201) looks like.

```
.text, #text, p{  
    color:rgb(232, 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(232, 137, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 137, 201) }
```

Border

The CSS property to change the border of an element to RYB 232, 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(232, 137, 201) }
```

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

```
.border{ border-color:rgb(232, 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(232, 137, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 137, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 137, 201);  
box-shadow:4px 4px 4px 4px rgb(232, 137,  
201) }
```

Background

The CSS property to change the background color of an element to RYB 232, 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(232, 137, 201) }
```

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

```
.background{ background-color: rgb(232,  
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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