

Converting Colors

`RYB(232, 167, 191)`

Have a look what the booklet for
RYB(232, 167, 191) contains.

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Color

R_YB(232, 167, 191)

Conversions

Conversions Part 1

Format	Color
Hex	E8A7BF
RGB	232, 167, 191
RGB Percent	91%, 65%, 75%
CMY	0.0902, 0.3451, 0.2510
CMYK	0.00, 0.28, 0.18, 0.09
HSL	338°, 59%, 78%
HSV	338°, 28%, 91%
XYZ	56.5014, 48.5548, 55.6843
YIQ	189.1710, 31.0360, 21.2440

Conversions

Conversions Part 2

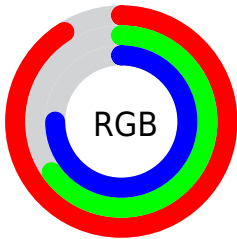
Format	Color
R _Y B	232, 167, 191
Decimal	15247295
CIE Lab	75.17, 27.42, -2.74
CIE LCh	75, 27.561, 354.288
Yxy	48.5548, 0.3515, 0.3021
Android (android.graphics.Color)	4293437375 (0xFFE8A7BF)
YUV	189.1710, 0.9017, 37.5610
Hunter-Lab	69.6813, 22.7953, 1.3966

Details

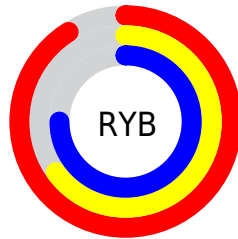
The RYB color **232, 167, 191** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **167, 207, 232**, and the grayscale version is **189, 189, 189**.

A 20% lighter version of the original color is **255, 223, 247**, and **175, 114, 138** is the 20% darker color. If you saturate the color by 10%, you get **232, 144, 176**, and if you desaturate by 10%, it is **232, 190, 206**.

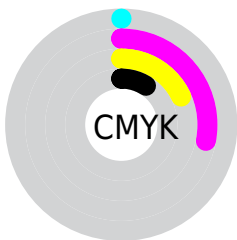
Distribution



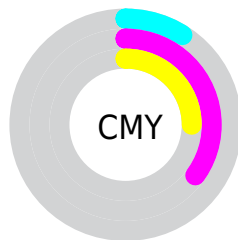
- Red (91%)
- Green (65%)
- Blue (75%)



- Red (91%)
- Yellow (65%)
- Blue (75%)



- Cyan (0%)
- Magenta (28%)
- Yellow (18%)
- Black (9%)




- Cyan (9%)
- Magenta (35%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the RYB color 232, 167, 191 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, 167, 191 by changing the saturation by 10% instead.


 232, 167, 191

255, 255, 255

 255, 223, 247


 255, 251, 255

 232, 167, 191


 203, 140, 164

 175, 114, 138

 148, 89, 112

 121, 65, 88

 96, 42, 65

 71, 18, 43

 47, 0, 22

 16, 0, 0

 0, 0, 0

■ 232, 167, 191

■ 232, 167, 191

■ 232, 144, 176

■ 232, 190, 206

■ 232, 121, 162

■ 232, 213, 220

■ 232, 97, 147

■ 232, 235, 237

■ 232, 74, 132

■ 232, 245, 255

■ 232, 51, 118

■ 232, 244, 255

■ 232, 28, 103

■ 232, 5, 89

■ 232, 0, 86

Harmonies

Analogous

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



213, 172, 215



232, 167, 191



237, 168, 165

Triad

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



232, 167, 191



138, 190, 146



118, 163, 225

Complementary

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



232, 167, 191



167, 207, 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.



110, 156, 205



232, 167, 191



153, 194, 196

Square

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



232, 167, 191



175, 208, 135



126, 168, 199



147, 175, 235

Rectangle

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



232, 167, 191



232, 178, 151



126, 168, 199



112, 160, 220

Sweetspot

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



232, 167, 191



255, 235, 242



207, 167, 232



128, 115, 119



0, 0, 0



128, 128, 128

Same Dimension

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



232, 167, 191



255, 168, 200



232, 176, 167



115, 103, 108



179, 0, 66



51, 0, 19

Inverse Universe

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



232, 167, 191



255, 168, 200



167, 197, 232



115, 103, 108



179, 0, 66



51, 0, 19

Previews

White Background



This preview shows how the RYB color 232, 167, 191 looks on a white background.

Color Contrast Check

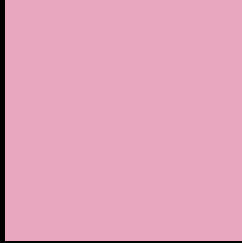
Large Text (above 18pt) WCAG AA × Fail

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, 167, 191 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, 167, 191 Background



This preview shows how black text looks on a background with the RYB color 232, 167, 191.



This preview shows how white text looks on a background with the RYB color 232, 167, 191.

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, 167, 191

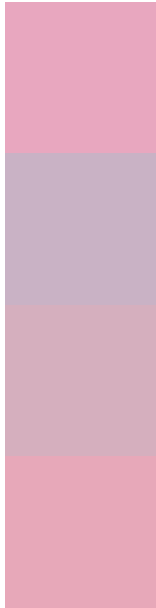
Protanopia
184, 184, 201

Deuteranopia
202, 180, 189



Tritanopia
231, 169, 182

Trichromacy



Original Color
232, 167, 191

Protanomaly
201, 178, 197

Deuteranomaly
213, 175, 190

Tritanomaly
231, 168, 185

Monochromacy



Original Color
232, 167, 191

Achromatopsia
189, 189, 189

Achromatomaly
205, 181, 190

CSS Examples

Text

The CSS property to change the color of the text to RGB 232, 167, 191 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, 167, 191) looks like.

```
.text, #text, p{  
    color:rgb(232, 167, 191)  
}
```

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, 167, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 167, 191) }
```

Border

The CSS property to change the border of an element to RYB 232, 167, 191 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, 167, 191) }
```

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

```
.border{ border-color:rgb(232, 167, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 167, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(232, 167, 191); -webkit-box-shadow:4px 4px 4px 4px rgb(232, 167, 191); box-shadow:4px 4px 4px 4px rgb(232, 167, 191) }
```

Background

The CSS property to change the background color of an element to RYB 232, 167, 191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 167, 191) }
```

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

```
.background{ background-color: rgb(232,  
167, 191) }
```

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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