

Converting Colors

`RYB(232, 183, 207)`

Have a look what the booklet for
RYB(232, 183, 207) contains.

RYB(232, 183, 207)	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(232, 183, 207)

Conversions

Conversions Part 1

Format	Color
Hex	E8B7CF
RGB	232, 183, 207
RGB Percent	91%, 72%, 81%
CMY	0.0902, 0.2824, 0.1882
CMYK	0.00, 0.21, 0.11, 0.09
HSL	331°, 52%, 81%
HSV	331°, 21%, 91%
XYZ	61.4747, 55.5278, 66.5093
YIQ	200.3870, 21.5000, 17.8520

Conversions

Conversions Part 2

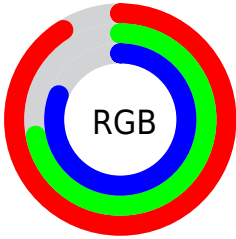
Format	Color
R _Y B	232, 183, 207
Decimal	15251407
CIE Lab	79.34, 21.44, -5.31
CIE LCh	79, 22.084, 346.090
Yxy	55.5278, 0.3350, 0.3026
Android (android.graphics.Color)	4293441487 (0xFFE8B7CF)
YUV	200.3870, 3.2602, 27.7246
Hunter-Lab	74.5170, 16.8535, -0.7568

Details

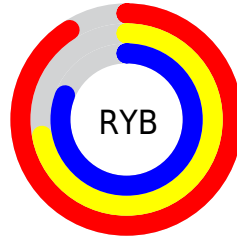
The RYB color **232, 183, 207** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **183, 215, 232**, and the grayscale version is **200, 200, 200**.

A 20% lighter version of the original color is **255, 239, 255**, and **176, 130, 153** is the 20% darker color. If you saturate the color by 10%, you get **232, 160, 195**, and if you desaturate by 10%, it is **232, 206, 219**.

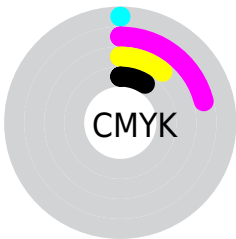
Distribution



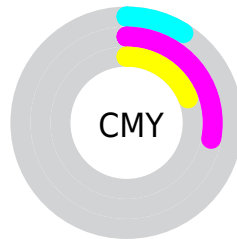
- Red (91%)
- Green (72%)
- Blue (81%)



- Red (91%)
- Yellow (72%)
- Blue (81%)



- Cyan (0%)
- Magenta (21%)
- Yellow (11%)
- Black (9%)



- Cyan (9%)
- Magenta (28%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the RYB color 232, 183, 207 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, 183, 207 by changing the saturation by 10% instead.

 232, 183, 207

255, 255, 255

 255, 239, 255

 232, 183, 207

 204, 156, 179

 176, 130, 153

 149, 104, 127

 123, 80, 102

 97, 56, 78


 73, 34, 55


 49, 12, 34

 30, 0, 11


 0, 0, 0

 232, 183, 207

 232, 183, 207

 232, 160, 195

 232, 206, 219

 232, 137, 183

 232, 229, 231

 232, 113, 171

 232, 246, 253


 232, 90, 160

 232, 244, 255

 232, 67, 148

 232, 244, 255

 232, 44, 136

 232, 21, 124

 232, 0, 114

Harmonies

Analogous

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



214, 188, 225



232, 183, 207



239, 182, 186

Triad

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



232, 183, 207



159, 201, 157



143, 179, 225

Complementary

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



232, 183, 207



183, 215, 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.



142, 175, 208



232, 183, 207



168, 204, 195

Square

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



232, 183, 207



210, 221, 157



155, 188, 208



161, 187, 236

Rectangle

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



232, 183, 207



238, 186, 173



155, 188, 208



141, 177, 220

Sweetspot

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



232, 183, 207



255, 240, 247



208, 183, 232



128, 119, 123



0, 0, 0



128, 128, 128

Same Dimension

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



232, 183, 207



255, 191, 222



232, 183, 183



115, 103, 109



179, 0, 87



51, 0, 25

Inverse Universe

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



232, 183, 207



255, 191, 222



183, 208, 232



115, 103, 109



179, 0, 87



51, 0, 25

Previews

White Background



This preview shows how the RYB color 232, 183, 207 looks on a white background.

Color Contrast Check

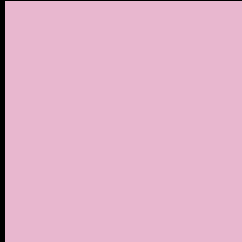
Large Text (above 18pt) WCAG AA × Fail

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, 183, 207 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, 183, 207 Background



This preview shows how black text looks on a background with the RYB color 232, 183, 207.

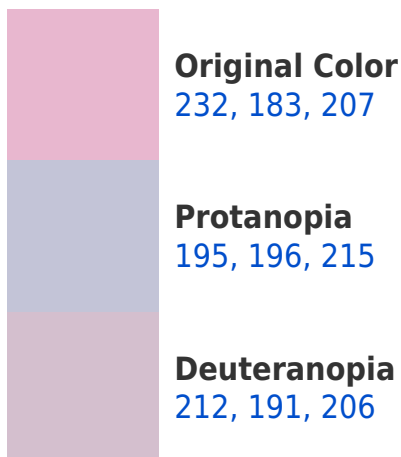


This preview shows how white text looks on a background with the RYB color 232, 183, 207.

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
231, 184, 199

Trichromacy



Original Color
232, 183, 207

Protanomaly
208, 191, 212

Deuteranomaly
219, 188, 206

Tritanomaly
231, 184, 202

Monochromacy



Original Color
232, 183, 207

Achromatopsia
200, 200, 200

Achromatomaly
212, 194, 203

CSS Examples

Text

The CSS property to change the color of the text to RYB 232, 183, 207 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, 183, 207) looks like.

```
.text, #text, p{  
    color:rgb(232, 183, 207)  
}
```

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, 183, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 183, 207) }
```

Border

The CSS property to change the border of an element to RYB 232, 183, 207 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, 183, 207) }
```

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

```
.border{ border-color:rgb(232, 183, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 183, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 183, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 183, 207);  
box-shadow:4px 4px 4px 4px rgb(232, 183,  
207) }
```

Background

The CSS property to change the background color of an element to RYB 232, 183, 207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 183, 207) }
```

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

```
.background{ background-color: rgb(232,  
183, 207) }
```

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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