

Converting Colors

`RYB(232, 197, 214)`

Have a look what the booklet for
RYB(232, 197, 214) contains.

RYB(232, 197, 214)	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, 197, 214)

Conversions

Conversions Part 1

Format	Color
Hex	E8C5D6
RGB	232, 197, 214
RGB Percent	91%, 77%, 84%
CMY	0.0902, 0.2275, 0.1608
CMYK	0.00, 0.15, 0.08, 0.09
HSL	331°, 43%, 84%
HSV	331°, 15%, 91%
XYZ	65.3826, 61.9433, 72.1286
YIQ	209.4030, 15.4030, 12.7070

Conversions

Conversions Part 2

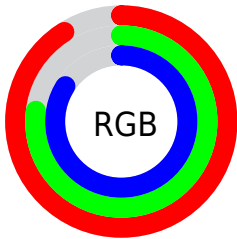
Format	Color
R_{YB}	232, 197, 214
Decimal	15254998
CIE _{Lab}	82.88, 15.16, -3.86
CIE _{LCh}	83, 15.641, 345.721
Yxy	61.9433, 0.3278, 0.3106
Android (android.graphics.Color)	4293445078 (0xFFE8C5D6)
YUV	209.4030, 2.2663, 19.8176
Hunter-Lab	78.7041, 10.5547, 0.7564

Details

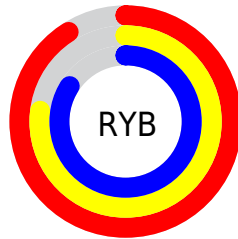
The RYB color **232, 197, 214** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **197, 220, 232**, and the grayscale version is **209, 209, 209**.

A 20% lighter version of the original color is **255, 254, 255**, and **176, 143, 159** is the 20% darker color. If you saturate the color by 10%, you get **232, 174, 202**, and if you desaturate by 10%, it is **232, 220, 226**.

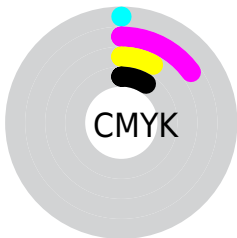
Distribution



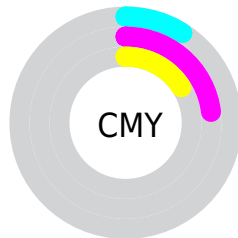
- Red (91%)
- Green (77%)
- Blue (84%)



- Red (91%)
- Yellow (77%)
- Blue (84%)



- Cyan (0%)
- Magenta (15%)
- Yellow (8%)
- Black (9%)




- Cyan (9%)
- Magenta (23%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the RYB color 232, 197, 214 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, 197, 214 by changing the saturation by 10% instead.


 232, 197, 214

255, 255, 255


255, 254, 255


 232, 197, 214

 204, 170, 186


 176, 143, 159


 149, 117, 133

 123, 93, 108

 98, 69, 84

 74, 46, 61

 51, 25, 39

 31, 0, 18

 0, 0, 0

■ 232, 197, 214

■ 232, 197, 214

■ 232, 174, 202

■ 232, 220, 226

■ 232, 151, 190

■ 232, 239, 243

■ 232, 127, 178

■ 232, 245, 255

■ 232, 104, 166

■ 232, 244, 255

■ 232, 81, 154

■ 232, 58, 142

■ 232, 35, 130

■ 232, 11, 119

■ 232, 0, 113

Harmonies

Analogous

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



219, 200, 227



232, 197, 214



238, 196, 199

Triad

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



232, 197, 214



180, 210, 178



171, 195, 227

Complementary

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



232, 197, 214



197, 220, 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.



169, 192, 215



232, 197, 214



186, 212, 205

Square

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



232, 197, 214



219, 225, 178



178, 202, 215



182, 200, 234

Rectangle

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



232, 197, 214



237, 200, 190



178, 202, 215



169, 194, 223

Sweetspot

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



232, 197, 214



255, 242, 248



215, 197, 232



128, 120, 124



0, 0, 0



128, 128, 128

Same Dimension

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



232, 197, 214



255, 209, 231



232, 197, 197



115, 103, 109



179, 0, 87



51, 0, 25

Inverse Universe

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



232, 197, 214



255, 209, 231



197, 215, 232



115, 103, 109



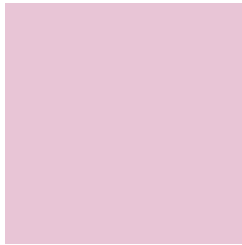
179, 0, 87



51, 0, 25

Previews

White Background



This preview shows how the RYB color 232, 197, 214 looks on a white background.

Color Contrast Check

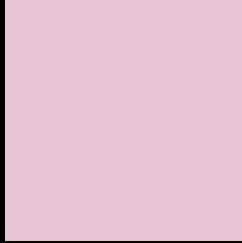
Large Text (above 18pt) WCAG AA × Fail

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, 197, 214 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, 197, 214 Background



This preview shows how black text looks on a background with the RYB color 232, 197, 214.



This preview shows how white text looks on a background with the RYB color 232, 197, 214.

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, 197, 214

Protanopia
207, 205, 219

Deuteranopia
223, 200, 213



Tritanopia
232, 197, 213

Trichromacy



Original Color
232, 197, 214

Protanomaly
216, 202, 217

Deuteranomaly
226, 199, 213

Tritanomaly
232, 197, 213

Monochromacy



Original Color
232, 197, 214

Achromatopsia
209, 209, 209

Achromatomaly
217, 205, 211

CSS Examples

Text

The CSS property to change the color of the text to RGB 232, 197, 214 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, 197, 214) looks like.

```
.text, #text, p{  
    color:rgb(232, 197, 214)  
}
```

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, 197, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 197, 214) }
```

Border

The CSS property to change the border of an element to RYB 232, 197, 214 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, 197, 214) }
```

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

```
.border{ border-color:rgb(232, 197, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 197, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 197, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 197, 214);  
box-shadow:4px 4px 4px 4px rgb(232, 197,  
214) }
```

Background

The CSS property to change the background color of an element to RGB 232, 197, 214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 197, 214) }
```

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

```
.background{ background-color: rgb(232,  
197, 214) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor