

Converting Colors

`RYB(232, 207, 214)`

Have a look what the booklet for
RYB(232, 207, 214) contains.

RYB(232, 207, 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, 207, 214)

Conversions

Conversions Part 1

Format	Color
Hex	E8CFD6
RGB	232, 207, 214
RGB Percent	91%, 81%, 84%
CMY	0.0902, 0.1882, 0.1608
CMYK	0.00, 0.11, 0.08, 0.09
HSL	343°, 35%, 86%
HSV	343°, 11%, 91%
XYZ	67.7291, 66.6365, 72.9107
YIQ	215.2730, 12.6530, 7.4770

Conversions

Conversions Part 2

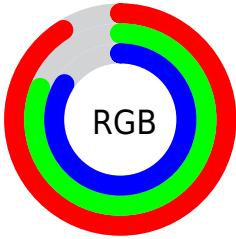
Format	Color
R _Y B	232, 207, 214
Decimal	15257558
CIE Lab	85.32, 9.87, -0.28
CIE LCh	85, 9.877, 358.350
Yxy	66.6365, 0.3268, 0.3215
Android (android.graphics.Color)	4293447638 (0xFFE8CFD6)
YUV	215.2730, -0.6276, 14.6696
Hunter-Lab	81.6312, 5.2463, 4.1856

Details

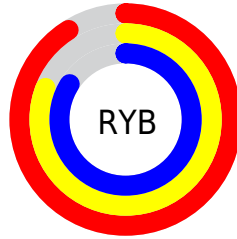
The RYB color **232, 207, 214** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **207, 222, 232**, and the grayscale version is **215, 215, 215**.

A 20% lighter version of the original color is 255, 255, 255, and **176, 153, 159** is the 20% darker color. If you saturate the color by 10%, you get **232, 184, 197**, and if you desaturate by 10%, it is **232, 230, 231**.

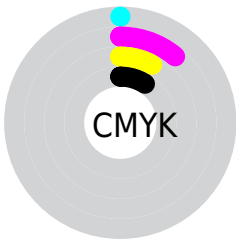
Distribution



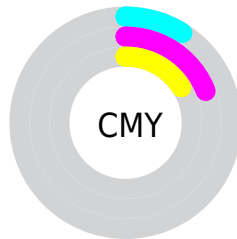
- Red (91%)
- Green (81%)
- Blue (84%)



- Red (91%)
- Yellow (81%)
- Blue (84%)



- Cyan (0%)
- Magenta (11%)
- Yellow (8%)
- Black (9%)



- Cyan (9%)
- Magenta (19%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the RYB color 232, 207, 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, 207, 214 by changing the saturation by 10% instead.

■ 232, 207, 214

255, 255, 255

■ 232, 207, 214

■ 204, 179, 186

■ 176, 153, 159

■ 149, 127, 133

■ 124, 102, 108

■ 99, 78, 84

■ 74, 55, 61


■ 52, 33, 39

■ 31, 12, 18


■ 0, 0, 0

 232, 207, 214


 232, 207, 214

 232, 184, 197


 232, 230, 231

 232, 161, 181


 232, 244, 253

 232, 137, 164

 232, 244, 255

 232, 114, 147

 232, 91, 130

 232, 68, 114

 232, 45, 97

 232, 21, 80

 232, 0, 65

Harmonies

Analogous

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



225, 208, 223



232, 207, 214



234, 207, 205

Triad

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



232, 207, 214



197, 215, 201



194, 208, 229

Complementary

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



232, 207, 214



207, 222, 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.



190, 205, 222



232, 207, 214



201, 216, 218

Square

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



232, 207, 214



211, 222, 195



193, 208, 219



203, 211, 232

Rectangle

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



232, 207, 214



232, 213, 200



193, 208, 219



192, 207, 227

Sweetspot

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



232, 207, 214



255, 247, 249



225, 207, 232



128, 122, 124



0, 0, 0



128, 128, 128

Same Dimension

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



232, 207, 214



255, 222, 231



232, 213, 207



115, 103, 106



179, 0, 50



51, 0, 14

Inverse Universe

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



232, 207, 214



255, 222, 231



207, 218, 232



115, 103, 106



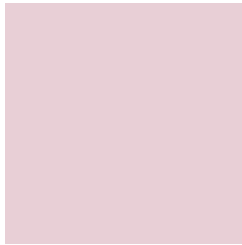
179, 0, 50



51, 0, 14

Previews

White Background



This preview shows how the RYB color 232, 207, 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, 207, 214 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

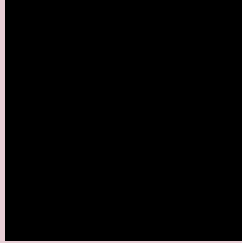
Any Text WCAG AA ✓ Pass

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](#).

R Y B 232, 207, 214 Background



This preview shows how black text looks on a background with the R Y B color 232, 207, 214.



This preview shows how white text looks on a background with the R Y B color 232, 207, 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





Tritanopia
233, 206, 222

Trichromacy



Original Color

232, 207, 214

Protanomaly

222, 210, 216

Deuteranomaly

233, 207, 214

Tritanomaly

233, 206, 219

Monochromacy



Original Color

232, 207, 214

Achromatopsia

215, 215, 215

Achromatomaly

221, 212, 215

CSS Examples

Text

The CSS property to change the color of the text to RYB 232, 207, 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, 207, 214) looks like.

```
.text, #text, p{  
    color:rgb(232, 207, 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, 207, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 207, 214) }
```

Border

The CSS property to change the border of an element to RYB 232, 207, 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, 207, 214) }
```

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

```
.border{ border-color:rgb(232, 207, 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, 207, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 207, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 207, 214);  
box-shadow:4px 4px 4px 4px rgb(232, 207,  
214) }
```

Background

The CSS property to change the background color of an element to RYB 232, 207, 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, 207, 214) }
```

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

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