

Converting Colors

`RYB(234, 203, 216)`

Have a look what the booklet for
RYB(234, 203, 216) contains.

RYB(234, 203, 216)	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(234, 203, 216)

Conversions

Conversions Part 1

Format	Color
Hex	EACBD8
RGB	234, 203, 216
RGB Percent	92%, 80%, 85%
CMY	0.0824, 0.2039, 0.1529
CMYK	0.00, 0.13, 0.08, 0.08
HSL	335°, 42%, 86%
HSV	335°, 13%, 92%
XYZ	67.6823, 65.1622, 73.9761
YIQ	213.7510, 14.3030, 10.6150

Conversions

Conversions Part 2

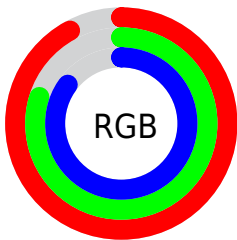
Format	Color
R_YB	234, 203, 216
Decimal	15387608
CIE _{Lab}	84.57, 13.01, -2.43
CIE _{LCh}	85, 13.239, 349.422
Yxy	65.1622, 0.3273, 0.3151
Android (android.graphics.Color)	4293577688 (0xFFEACBD8)
YUV	213.7510, 1.1088, 17.7584
Hunter-Lab	80.7231, 8.3980, 2.1718

Details

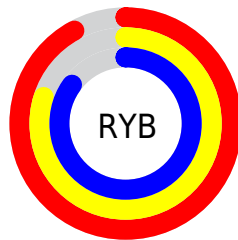
The RYB color **234, 203, 216** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **203, 223, 234**, and the grayscale version is **214, 214, 214**.

A 20% lighter version of the original color is **255, 255, 255**, and **178, 149, 161** is the 20% darker color. If you saturate the color by 10%, you get **234, 180, 202**, and if you desaturate by 10%, it is **234, 226, 230**.

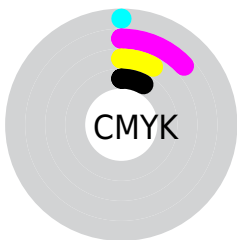
Distribution



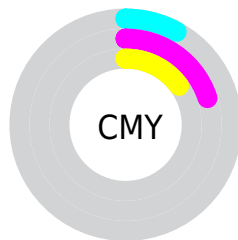
- Red (92%)
- Green (80%)
- Blue (85%)



- Red (92%)
- Yellow (80%)
- Blue (85%)



- Cyan (0%)
- Magenta (13%)
- Yellow (8%)
- Black (8%)



- Cyan (8%)
- Magenta (20%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the RYB color 234, 203, 216 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 234, 203, 216 by changing the saturation by 10% instead.

■ 234, 203, 216

255, 255, 255

■ 234, 203, 216

■ 206, 176, 188

■ 178, 149, 161

■ 151, 123, 135

■ 125, 98, 110

■ 100, 74, 85

■ 76, 51, 62


■ 53, 30, 40

■ 32, 7, 20


■ 0, 0, 0

 234, 203, 216


 234, 203, 216

 234, 180, 202


 234, 226, 230

 234, 156, 189


 234, 244, 250

 234, 133, 175

 234, 245, 255

 234, 109, 162

 234, 86, 148

 234, 63, 134

 234, 39, 121

 234, 16, 107

 234, 0, 98

Harmonies

Analogous

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



223, 205, 227



234, 203, 216



238, 203, 203

Triad

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



234, 203, 216



187, 213, 187



182, 202, 230

Complementary

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



234, 203, 216



203, 223, 234

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.



180, 199, 219



234, 203, 216



195, 216, 213

Square

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



234, 203, 216



217, 226, 187



186, 206, 218



193, 207, 235

Rectangle

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



234, 203, 216



237, 206, 196



186, 206, 218



180, 201, 226

Sweetspot

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



234, 203, 216



255, 245, 249



221, 203, 234



128, 121, 124



0, 0, 0



128, 128, 128

Same Dimension

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



234, 203, 216



255, 214, 231



234, 205, 203



117, 106, 110



181, 0, 76



54, 0, 22

Inverse Universe

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



234, 203, 216



255, 214, 231



203, 218, 234



117, 106, 110



181, 0, 76



54, 0, 22

Previews

White Background



This preview shows how the RYB color 234, 203, 216 looks on a white background.

Color Contrast Check

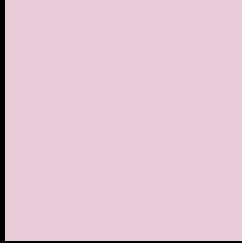
Large Text (above 18pt) WCAG AA × Fail

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 234, 203, 216 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](#).

RYP 234, 203, 216 Background



This preview shows how black text looks on a background with the RYB color 234, 203, 216.




This preview shows how white text looks on a background with the RYB color 234, 203, 216.

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 234, 203, 216
	Protanopia 212, 210, 220
	Deuteranopia 230, 205, 216



Tritanopia
234, 203, 218

Trichromacy



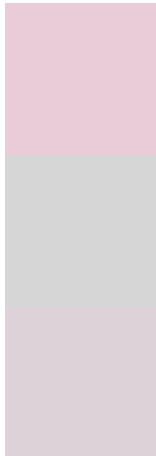
Original Color
234, 203, 216

Protanomaly
220, 207, 219

Deuteranomaly
231, 204, 216

Tritanomaly
234, 203, 217

Monochromacy



Original Color
234, 203, 216

Achromatopsia
214, 214, 214

Achromatomaly
221, 210, 215

CSS Examples

Text

The CSS property to change the color of the text to RYB 234, 203, 216 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(234, 203, 216) looks like.

```
.text, #text, p{  
    color:rgb(234, 203, 216)  
}
```

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(234, 203, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 203, 216) }
```

Border

The CSS property to change the border of an element to RYB 234, 203, 216 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(234, 203, 216) }
```

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

```
.border{ border-color:rgb(234, 203, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 203, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 203, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 203, 216);  
box-shadow:4px 4px 4px 4px rgb(234, 203,  
216) }
```

Background

The CSS property to change the background color of an element to RYB 234, 203, 216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 203, 216) }
```

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

```
.background{ background-color: rgb(234,  
203, 216) }
```

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