

Converting Colors

`RYB(234, 207, 216)`

Have a look what the booklet for
RYB(234, 207, 216) contains.

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Color

R_YB(234, 207, 216)

Conversions

Conversions Part 1

Format	Color
Hex	EACFD8
RGB	234, 207, 216
RGB Percent	92%, 81%, 85%
CMY	0.0824, 0.1882, 0.1529
CMYK	0.00, 0.12, 0.08, 0.08
HSL	340°, 39%, 86%
HSV	340°, 12%, 92%
XYZ	68.6392, 67.0759, 74.2950
YIQ	216.0990, 13.2030, 8.5230

Conversions

Conversions Part 2

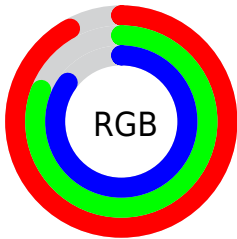
Format	Color
RYB	234, 207, 216
Decimal	15388632
CIELab	85.54, 10.91, -1.00
CIELCh	86, 10.952, 354.753
Yxy	67.0759, 0.3268, 0.3194
Android (android.graphics.Color)	4293578712 (0xFFEACFD8)
YUV	216.0990, -0.0488, 15.6992
Hunter-Lab	81.8999, 6.2736, 3.5454

Details

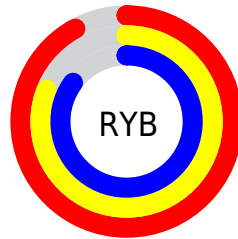
The RYB color **234, 207, 216** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **207, 223, 234**, and the grayscale version is **216, 216, 216**.

A 20% lighter version of the original color is 255, 255, 255, and **178, 153, 161** is the 20% darker color. If you saturate the color by 10%, you get **234, 184, 200**, and if you desaturate by 10%, it is **234, 230, 232**.

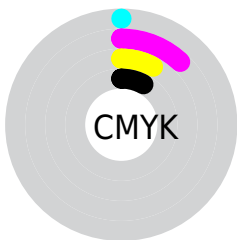
Distribution



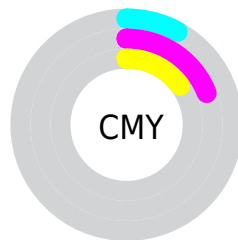
- Red (92%)
- Green (81%)
- Blue (85%)



- Red (92%)
- Yellow (81%)
- Blue (85%)



- Cyan (0%)
- Magenta (12%)
- Yellow (8%)
- Black (8%)



- Cyan (8%)
- Magenta (19%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the RYB color 234, 207, 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, 207, 216 by changing the saturation by 10% instead.


 234, 207, 216

255, 255, 255

 234, 207, 216

 206, 179, 188


 178, 153, 161

 151, 127, 135

 125, 102, 110

 100, 78, 85

 76, 55, 62


 53, 33, 40

 32, 12, 20


 0, 0, 0

 234, 207, 216

 234, 207, 216

 234, 184, 200


 234, 230, 232

 234, 160, 185

 234, 246, 254

 234, 137, 169

 234, 245, 255

 234, 113, 154

 234, 90, 138

 234, 67, 122

 234, 43, 107

 234, 20, 91

 234, 0, 78

Harmonies

Analogous

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



226, 209, 226



234, 207, 216



236, 207, 206

Triad

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



234, 207, 216



195, 216, 198



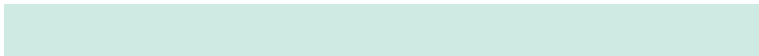
191, 207, 230

Complementary

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



234, 207, 216



207, 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.



188, 204, 222



234, 207, 216



201, 218, 219

Square

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



234, 207, 216



213, 224, 193



192, 208, 220



201, 211, 234

Rectangle

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



234, 207, 216



235, 210, 200



192, 208, 220



190, 206, 228

Sweetspot

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



234, 207, 216



255, 247, 250



225, 207, 234



128, 122, 124



0, 0, 0



128, 128, 128

Same Dimension

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



234, 207, 216



255, 219, 231



234, 212, 207



117, 106, 109



181, 0, 60



54, 0, 18

Inverse Universe

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



234, 207, 216



255, 219, 231



207, 219, 234



117, 106, 109



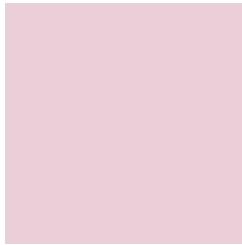
181, 0, 60



54, 0, 18

Previews

White Background



This preview shows how the RYB color 234, 207, 216 looks on a white background.

Color Contrast Check

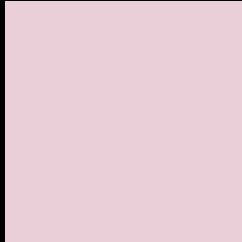
Large Text (above 18pt) WCAG AA × Fail

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, 207, 216 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

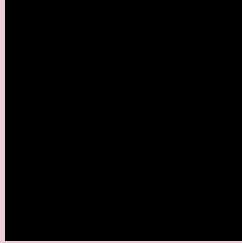
Any Text WCAG AA ✓ Pass

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](#).

RYB 234, 207, 216 Background



This preview shows how black text looks on a background with the RYB color 234, 207, 216.



This preview shows how white text looks on a background with the RYB color 234, 207, 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](#), [207](#), [216](#)

Protanopia
[216](#), [213](#), [219](#)

Deuteranopia
[234](#), [207](#), [216](#)



Tritanopia
235, 206, 222

Trichromacy



Original Color

234, 207, 216

Protanomaly

223, 211, 218

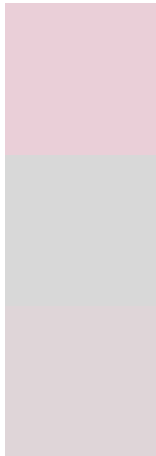
Deuteranomaly

234, 207, 216

Tritanomaly

235, 206, 220

Monochromacy



Original Color

234, 207, 216

Achromatopsia

216, 216, 216

Achromatomaly

223, 213, 216

CSS Examples

Text

The CSS property to change the color of the text to RYB 234, 207, 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, 207, 216) looks like.

```
.text, #text, p{  
    color:rgb(234, 207, 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, 207, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 207, 216) }
```

Border

The CSS property to change the border of an element to RYB 234, 207, 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, 207, 216) }
```

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

```
.border{ border-color:rgb(234, 207, 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, 207, 216) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 207, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 207, 216);  
box-shadow:4px 4px 4px 4px rgb(234, 207,  
216) }
```

Background

The CSS property to change the background color of an element to RYB 234, 207, 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, 207, 216) }
```

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

```
.background{ background-color: rgb(234,  
207, 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](#).

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