

Converting Colors

`RYB(234, 209, 219)`

Have a look what the booklet for RYB(234, 209, 219) contains.

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Color

R_YB(234, 209, 219)

Conversions

Conversions Part 1

Format	Color
Hex	EAD1DB
RGB	234, 209, 219
RGB Percent	92%, 82%, 86%
CMY	0.0824, 0.1804, 0.1412
CMYK	0.00, 0.11, 0.06, 0.08
HSL	336°, 37%, 87%
HSV	336°, 11%, 92%
XYZ	69.5183, 68.2078, 76.5192
YIQ	217.6150, 11.6900, 8.4100

Conversions

Conversions Part 2

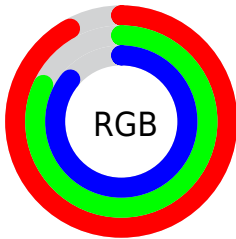
Format	Color
R_{YB}	234, 209, 219
Decimal	15389147
CIE _{Lab}	86.11, 10.36, -1.76
CIE _{LCh}	86, 10.514, 350.351
Yxy	68.2078, 0.3245, 0.3184
Android (android.graphics.Color)	4293579227 (0xFFEAD1DB)
YUV	217.6150, 0.6828, 14.3696
Hunter-Lab	82.5880, 5.7230, 2.8784

Details

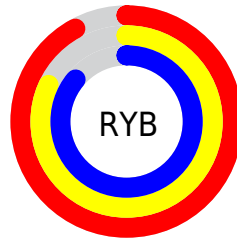
The RYB color **234, 209, 219** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **209, 225, 234**, and the grayscale version is **218, 218, 218**.

A 20% lighter version of the original color is **255, 255, 255**, and **178, 155, 164** is the 20% darker color. If you saturate the color by 10%, you get **234, 186, 205**, and if you desaturate by 10%, it is **234, 232, 233**.

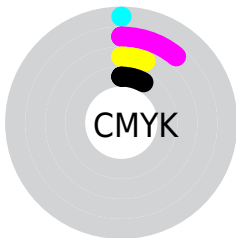
Distribution



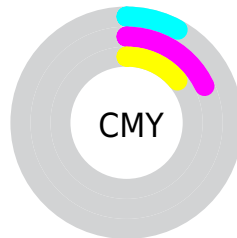
- Red (92%)
- Green (82%)
- Blue (86%)



- Red (92%)
- Yellow (82%)
- Blue (86%)



- Cyan (0%)
- Magenta (11%)
- Yellow (6%)
- Black (8%)



- Cyan (8%)
- Magenta (18%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the RYB color 234, 209, 219 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, 209, 219 by changing the saturation by 10% instead.

■ 234, 209, 219

255, 255, 255

■ 234, 209, 219

■ 206, 181, 191

■ 178, 155, 164

■ 151, 129, 138

■ 125, 103, 112

■ 100, 79, 88

■ 76, 56, 65


■ 53, 35, 43

■ 32, 14, 22


■ 0, 0, 0

 234, 209, 219


 234, 209, 219

 234, 186, 205

 234, 232, 233

 234, 162, 191


 234, 247, 255

 234, 139, 177

 234, 245, 255

 234, 115, 163

 234, 92, 149

 234, 69, 135

 234, 45, 121

 234, 22, 107

 234, 0, 94

Harmonies

Analogous

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



225, 211, 228



234, 209, 219



237, 209, 209

Triad

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



234, 209, 219



197, 217, 198



193, 209, 230

Complementary

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



234, 209, 219



209, 225, 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.



191, 206, 222



234, 209, 219



202, 220, 217

Square

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



234, 209, 219



218, 227, 196



195, 211, 221



202, 212, 235

Rectangle

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



234, 209, 219



236, 212, 203



195, 211, 221



192, 208, 228

Sweetspot

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



234, 209, 219



255, 247, 250



224, 209, 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, 209, 219



255, 222, 235



234, 211, 209



117, 106, 110



181, 0, 72



54, 0, 21

Inverse Universe

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



234, 209, 219



255, 222, 235



209, 221, 234



117, 106, 110



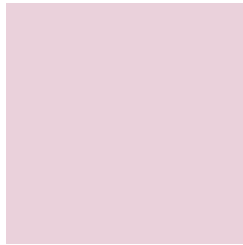
181, 0, 72



54, 0, 21

Previews

White Background



This preview shows how the RYB color 234, 209, 219 looks on a white background.

Color Contrast Check

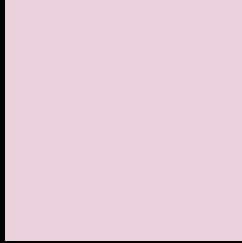
Large Text (above 18pt) WCAG AA × Fail

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, 209, 219 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

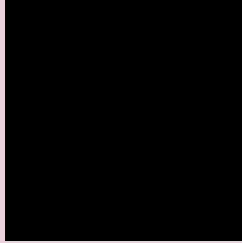
Any Text WCAG AA ✓ Pass

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 234, 209, 219 Background



This preview shows how black text looks on a background with the RYB color 234, 209, 219.



This preview shows how white text looks on a background with the RYB color 234, 209, 219.

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, 209, 219](#)

Protanopia
[217, 214, 222](#)

Deuteranopia
[235, 209, 219](#)



Tritanopia
235, 208, 224

Trichromacy



Original Color
234, 209, 219

Protanomaly
223, 212, 221

Deuteranomaly
235, 209, 219

Tritanomaly
235, 208, 222

Monochromacy



Original Color
234, 209, 219

Achromatopsia
218, 218, 218

Achromatomaly
224, 215, 218

CSS Examples

Text

The CSS property to change the color of the text to RYB 234, 209, 219 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, 209, 219) looks like.

```
.text, #text, p{  
    color:rgb(234, 209, 219)  
}
```

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, 209, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 209, 219) }
```

Border

The CSS property to change the border of an element to RYB 234, 209, 219 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, 209, 219) }
```

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

```
.border{ border-color:rgb(234, 209, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 209, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 209, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 209, 219);  
box-shadow:4px 4px 4px 4px rgb(234, 209,  
219) }
```

Background

The CSS property to change the background color of an element to RYB 234, 209, 219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 209, 219) }
```

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

```
.background{ background-color: rgb(234,  
209, 219) }
```

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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