

Converting Colors

`RYB(234, 209, 221)`

Have a look what the booklet for
RYB(234, 209, 221) contains.

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Color

$\text{RYB}(234, 209, 221)$

Conversions

Conversions Part 1

Format	Color
Hex	EAD1DD
RGB	234, 209, 221
RGB Percent	92%, 82%, 87%
CMY	0.0824, 0.1804, 0.1333
CMYK	0.00, 0.11, 0.06, 0.08
HSL	331°, 37%, 87%
HSV	331°, 11%, 92%
XYZ	69.7833, 68.3138, 77.9145
YIQ	217.8430, 11.0480, 9.0320

Conversions

Conversions Part 2

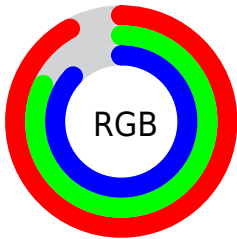
Format	Color
R_{YB}	234, 209, 221
Decimal	15389149
CIE _{Lab}	86.16, 10.71, -2.75
CIE _{LCh}	86, 11.055, 345.621
Yxy	68.3138, 0.3231, 0.3163
Android (android.graphics.Color)	4293579229 (0xFFEAD1DD)
YUV	217.8430, 1.5564, 14.1697
Hunter-Lab	82.6522, 6.0664, 1.9650

Details

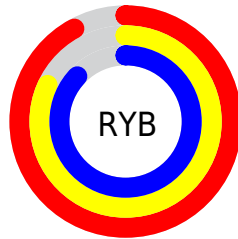
The RYB color **234, 209, 221** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **209, 225, 234**, and the grayscale version is **218, 218, 218**.

A 20% lighter version of the original color is 255, 255, 255, and **178, 155, 166** is the 20% darker color. If you saturate the color by 10%, you get **234, 186, 209**, and if you desaturate by 10%, it is **234, 232, 233**.

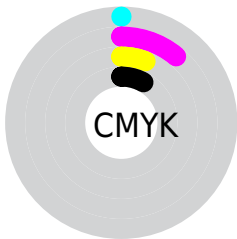
Distribution



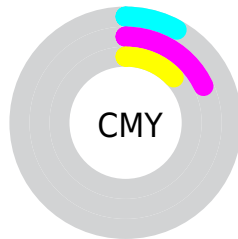
- Red (92%)
- Green (82%)
- Blue (87%)



- Red (92%)
- Yellow (82%)
- Blue (87%)



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



- Cyan (8%)
- Magenta (18%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the RYB color 234, 209, 221 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, 221 by changing the saturation by 10% instead.


 234, 209, 221

 234, 209, 221

255, 255, 255

 206, 181, 193


 178, 155, 166

 151, 129, 140

 125, 103, 114

 100, 79, 90

 76, 56, 66


 53, 35, 44

 32, 14, 24


 0, 0, 0

 234, 209, 221

 234, 209, 221

 234, 186, 209


 234, 232, 233

 234, 162, 197

 234, 248, 255

 234, 139, 184

 234, 245, 255

 234, 115, 172

 234, 92, 160

 234, 69, 148

 234, 45, 136

 234, 22, 124

 234, 0, 112

Harmonies

Analogous

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



224, 211, 230



234, 209, 221



238, 209, 210

Triad

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



234, 209, 221



196, 218, 195



191, 208, 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, 221



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.



190, 206, 222



234, 209, 221



201, 220, 215

Square

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



234, 209, 221



225, 229, 195



196, 212, 221



199, 211, 235

Rectangle

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



234, 209, 221



238, 210, 204



196, 212, 221



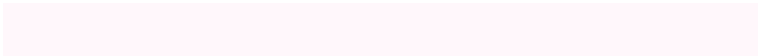
190, 207, 227

Sweetspot

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



234, 209, 221



255, 247, 251



222, 209, 234



128, 122, 125



0, 0, 0



128, 128, 128

Same Dimension

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



234, 209, 221



255, 222, 238



234, 209, 209



117, 106, 111



181, 0, 87



54, 0, 26

Inverse Universe

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



234, 209, 221



255, 222, 238



209, 222, 234



117, 106, 111



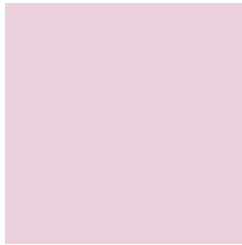
181, 0, 87



54, 0, 26

Previews

White Background



This preview shows how the RYB color 234, 209, 221 looks on a white background.

Color Contrast Check

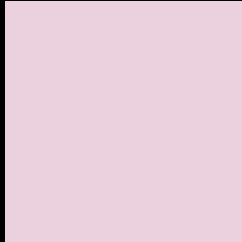
Large Text (above 18pt) WCAG AA × Fail

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, 221 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

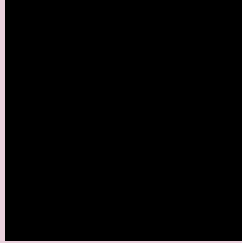
Any Text WCAG AA ✓ Pass

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, 209, 221 Background



This preview shows how black text looks on a background with the RYB color 234, 209, 221.



This preview shows how white text looks on a background with the RYB color 234, 209, 221.

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, 221

Protanopia

217, 214, 224

Deuteranopia

234, 209, 221



Tritanopia
235, 208, 225

Trichromacy



Original Color

234, 209, 221

Protanomaly

223, 212, 223

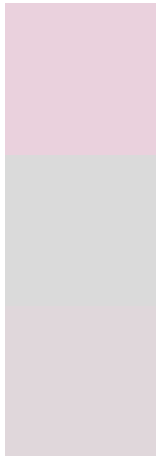
Deuteranomaly

234, 209, 221

Tritanomaly

235, 208, 224

Monochromacy



Original Color

234, 209, 221

Achromatopsia

218, 218, 218

Achromatomaly

224, 215, 219

CSS Examples

Text

The CSS property to change the color of the text to RYB 234, 209, 221 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, 221) looks like.

```
.text, #text, p{  
    color:rgb(234, 209, 221)  
}
```

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, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 209, 221) }
```

Border

The CSS property to change the border of an element to RYB 234, 209, 221 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, 221) }
```

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

```
.border{ border-color:rgb(234, 209, 221) }
```

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, 221) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 209, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 209, 221);  
box-shadow:4px 4px 4px 4px rgb(234, 209,  
221) }
```

Background

The CSS property to change the background color of an element to RYB 234, 209, 221 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, 221) }
```

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

```
.background{ background-color: rgb(234,  
209, 221) }
```

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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