

Converting Colors

`RYB(229, 209, 217)`

Have a look what the booklet for
RYB(229, 209, 217) contains.

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Color

R_YB(229, 209, 217)

Conversions

Conversions Part 1

Format	Color
Hex	E5D1D9
RGB	229, 209, 217
RGB Percent	90%, 82%, 85%
CMY	0.1020, 0.1804, 0.1490
CMYK	0.00, 0.09, 0.05, 0.10
HSL	336°, 28%, 86%
HSV	336°, 9%, 90%
XYZ	67.6379, 67.2687, 75.0649
YIQ	215.8920, 9.3520, 6.7280

Conversions

Conversions Part 2

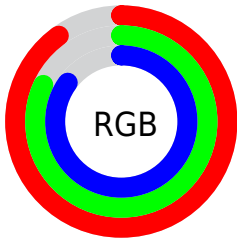
Format	Color
RYB	229, 209, 217
Decimal	15061465
CIELab	85.64, 8.30, -1.44
CIElCh	86, 8.419, 350.151
Yxy	67.2687, 0.3221, 0.3204
Android (android.graphics.Color)	4293251545 (0xFFE5D1D9)
YUV	215.8920, 0.5462, 11.4957
Hunter-Lab	82.0175, 3.6742, 3.1482

Details

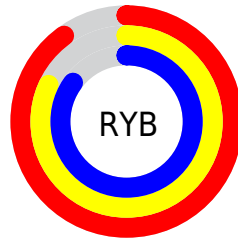
The RYB color **229, 209, 217** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **209, 222, 229**, and the grayscale version is **216, 216, 216**.

A 20% lighter version of the original color is 255, 255, 255, and **173, 155, 162** is the 20% darker color. If you saturate the color by 10%, you get **229, 186, 203**, and if you desaturate by 10%, it is **229, 231, 232**.

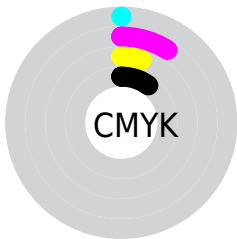
Distribution



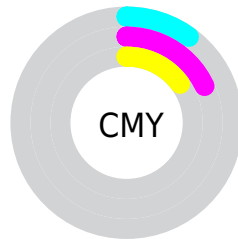
- Red (90%)
- Green (82%)
- Blue (85%)



- Red (90%)
- Yellow (82%)
- Blue (85%)



- Cyan (0%)
- Magenta (9%)
- Yellow (5%)
- Black (10%)



- Cyan (10%)
- Magenta (18%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the RYB color 229, 209, 217 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 229, 209, 217 by changing the saturation by 10% instead.

■ 229, 209, 217

255, 255, 255

■ 229, 209, 217

■ 201, 181, 189

■ 173, 155, 162

■ 147, 129, 136

■ 121, 103, 111

■ 96, 79, 86

■ 72, 56, 63


■ 50, 35, 41

■ 29, 14, 21


■ 0, 0, 0

 229, 209, 217

 229, 209, 217

 229, 186, 203

 229, 231, 232

 229, 163, 190

 229, 245, 255

 229, 140, 176

 229, 242, 255

 229, 117, 162

 229, 94, 148

 229, 72, 135

 229, 49, 121

 229, 26, 107

 229, 3, 93

Harmonies

Analogous

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



222, 210, 224



229, 209, 217



232, 209, 209

Triad

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



229, 209, 217



199, 215, 199



196, 209, 226

Complementary

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



229, 209, 217



209, 222, 229

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.



195, 207, 219



229, 209, 217



204, 217, 215

Square

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



229, 209, 217



219, 224, 199



198, 211, 219



203, 212, 230

Rectangle

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



229, 209, 217



231, 212, 204



198, 211, 219



195, 208, 224

Sweetspot

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



229, 209, 217



255, 247, 250



221, 209, 229



128, 122, 124



0, 0, 0



128, 128, 128

Same Dimension

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



229, 209, 217



255, 230, 240



229, 211, 209



115, 103, 108



179, 0, 71



51, 0, 20

Inverse Universe

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



229, 209, 217



255, 230, 240



209, 218, 229



115, 103, 108



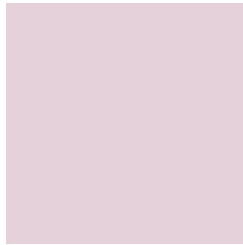
179, 0, 71



51, 0, 20

Previews

White Background



This preview shows how the RYB color 229, 209, 217 looks on a white background.

Color Contrast Check

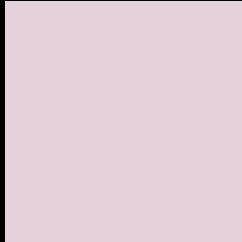
Large Text (above 18pt) WCAG AA × Fail

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 229, 209, 217 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

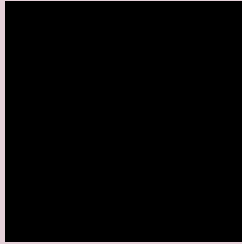
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

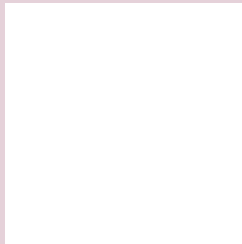
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYP 229, 209, 217 Background



This preview shows how black text looks on a background with the RYB color 229, 209, 217.

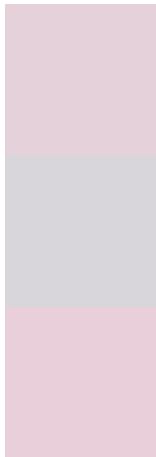


This preview shows how white text looks on a background with the RYB color 229, 209, 217.

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
229, 209, 217

Protanopia
216, 213, 219

Deuteranopia
233, 207, 217



Tritanopia
230, 208, 224

Trichromacy



Original Color

229, 209, 217

Protanomaly

221, 212, 218

Deuteranomaly

232, 208, 217

Tritanomaly

230, 208, 221

Monochromacy



Original Color

229, 209, 217

Achromatopsia

216, 216, 216

Achromatomaly

221, 213, 216

CSS Examples

Text

The CSS property to change the color of the text to RYB 229, 209, 217 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(229, 209, 217) looks like.

```
.text, #text, p{  
    color:rgb(229, 209, 217)  
}
```

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(229, 209, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 209, 217) }
```

Border

The CSS property to change the border of an element to RYB 229, 209, 217 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(229, 209, 217) }
```

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

```
.border{ border-color:rgb(229, 209, 217) }
```

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

Here you see how a box with a 4 pixel rgb(229, 209, 217) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 209, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 209, 217);  
box-shadow:4px 4px 4px 4px rgb(229, 209,  
217) }
```

Background

The CSS property to change the background color of an element to RYB 229, 209, 217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 209, 217) }
```

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

```
.background{ background-color: rgb(229,  
209, 217) }
```

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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