

Converting Colors

RGB(229, 205, 213)

Have a look what the booklet for
RGB(229, 205, 213) contains.

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Color

RGB(229, 205, 213)

Conversions

Conversions Part 1

Format	Color
Hex	E5CDD5
RGB	229, 205, 213
RGB Percent	90%, 80%, 84%
CMY	0.1020, 0.1961, 0.1647
CMYK	0.00, 0.10, 0.07, 0.10
HSL	340°, 32%, 85%
HSV	340°, 10%, 90%
XYZ	66.1547, 65.1248, 72.0344
YIQ	213.0880, 11.7360, 7.5760

Conversions

Conversions Part 2

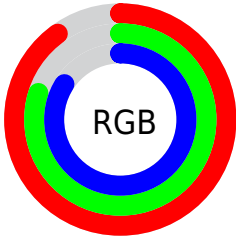
Format	Color
RYB	229, 205, 213
Decimal	15060437
CIELab	84.55, 9.71, -0.91
CIELCh	85, 9.755, 354.638
Yxy	65.1248, 0.3254, 0.3203
Android (android.graphics.Color)	4293250517 (0xFFE5CDD5)
YUV	213.0880, -0.0434, 13.9548
Hunter-Lab	80.6999, 5.1025, 3.5665

Details

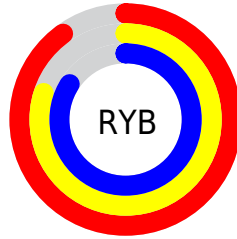
The RGB color **229, 205, 213** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **205, 229, 221**, and the grayscale version is **213, 213, 213**.

A 20% lighter version of the original color is **255, 255, 255**, and **173, 151, 158** is the 20% darker color. If you saturate the color by 10%, you get **229, 182, 198**, and if you desaturate by 10%, it is **229, 228, 228**.

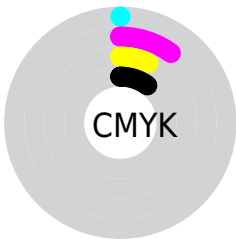
Distribution



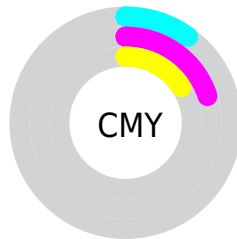
- Red (90%)
- Green (80%)
- Blue (84%)



- Red (90%)
- Yellow (80%)
- Blue (84%)



- Cyan (0%)
- Magenta (10%)
- Yellow (7%)
- Black (10%)



- Cyan (10%)
- Magenta (20%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the RGB color 229, 205, 213 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 RGB color 229, 205, 213 by changing the saturation by 10% instead.

 229, 205, 213


255, 255, 255


 229, 205, 213

 201, 178, 185

 173, 151, 158

 147, 125, 132

 121, 100, 107

 96, 76, 83

 72, 53, 60


 49, 32, 38

 29, 9, 18

 0, 0, 0

 229, 205, 213


 229, 205, 213

 229, 182, 198


 229, 228, 228

 229, 159, 182

 229, 251, 244

 229, 136, 167

 229, 255, 255

 229, 113, 152

 229, 91, 137

 229, 68, 121

 229, 45, 106

 229, 22, 91

 229, 0, 76

Harmonies

Analogous

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



222, 207, 222



229, 205, 213



231, 205, 204

Triad

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



229, 205, 213



210, 213, 194



191, 215, 226

Complementary

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



229, 205, 213



205, 229, 221

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, 216, 218



229, 205, 213



200, 215, 200

Square

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



229, 205, 213



221, 210, 193



192, 216, 209



200, 212, 229

Rectangle

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



229, 205, 213



230, 206, 198



192, 216, 209



190, 216, 224

Sweetspot

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



229, 205, 213



255, 247, 250



221, 205, 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, 205, 213



255, 222, 233



229, 209, 205



115, 103, 107



179, 0, 60



51, 0, 17

Inverse Universe

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



229, 205, 213



255, 222, 233



205, 225, 229



115, 103, 107



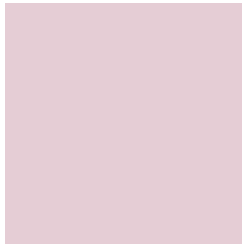
179, 0, 60



51, 0, 17

Previews

White Background



This preview shows how the RGB color 229, 205, 213 looks on a white background.

Color Contrast Check

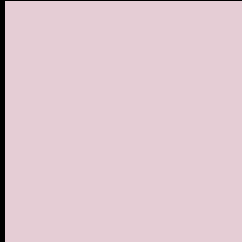
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 229, 205, 213 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

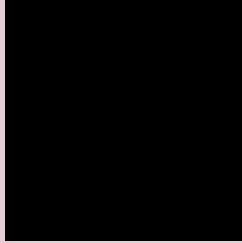
Any Text WCAG AA ✓ Pass

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](#).

RGB 229, 205, 213 Background



This preview shows how black text looks on a background with the RGB color 229, 205, 213.



This preview shows how white text looks on a background with the RGB color 229, 205, 213.

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, 205, 213

Protanopia
213, 210, 216

Deuteranopia
230, 204, 213



Tritanopia
230, 204, 220

Trichromacy



Original Color

229, 205, 213

Protanomaly

219, 208, 215

Deuteranomaly

230, 204, 213

Tritanomaly

230, 204, 217

Monochromacy



Original Color

229, 205, 213

Achromatopsia

213, 213, 213

Achromatomaly

219, 210, 213

CSS Examples

Text

The CSS property to change the color of the text to RGB 229, 205, 213 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, 205, 213)` looks like.

```
.text, #text, p{  
    color:rgb(229, 205, 213)  
}
```

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, 205, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 205, 213) }
```

Border

The CSS property to change the border of an element to RGB 229, 205, 213 is called "border". The border property can be set on classes, ids or directly on the HTML element.

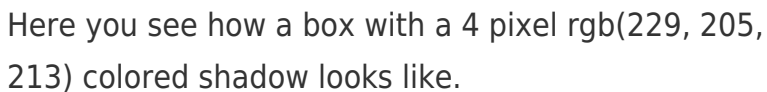
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(229, 205, 213) }
```

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

```
.border{ border-color:rgb(229, 205, 213) }
```

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



Here you see how a box with a 4 pixel `rgb(229, 205, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(229, 205, 213); -webkit-box-shadow:4px 4px 4px 4px rgb(229, 205, 213); box-shadow:4px 4px 4px 4px rgb(229, 205, 213) }
```

Background

The CSS property to change the background color of an element to RGB 229, 205, 213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 205, 213) }
```

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

```
.background{ background-color: rgb(229,  
205, 213) }
```

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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