

Converting Colors

RGB(255, 229, 233)

Have a look what the booklet for
RGB(255, 229, 233) contains.

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Color

RGB(255, 229, 233)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | FFE5E9 |
| RGB | 255, 229, 233 |
| RGB Percent | 100%, 90%, 91% |
| CMY | 0.0000, 0.1020, 0.0863 |
| CMYK | 0.00, 0.10, 0.09, 0.00 |
| HSL | 351°, 100%, 95% |
| HSV | 351°, 10%, 100% |
| XYZ | 83.9673, 83.1818, 88.7209 |
| YIQ | 237.2300, 14.2120, 6.7560 |

Conversions

Conversions Part 2

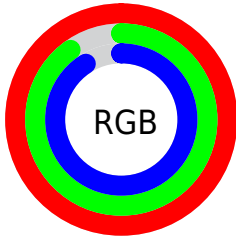
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 255, 229, 233 |
| Decimal | 16770537 |
| CIE _{Lab} | 93.09, 9.53, 1.29 |
| CIE _{LCh} | 93, 9.618, 7.705 |
| Yxy | 83.1818, 0.3282, 0.3251 |
| Android (android.graphics.Color) | 4294960617 (0xFFFFE5E9) |
| YUV | 237.2300, -2.0854, 15.5843 |
| Hunter-Lab | 91.2041, 4.7294, 6.1671 |

Details

The RGB color **255, 229, 233** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **229, 255, 251**, and the grayscale version is **237, 237, 237**.

A 20% lighter version of the original color is 255, 255, 255, and **198, 174, 177** is the 20% darker color. If you saturate the color by 10%, you get **255, 204, 211**, and if you desaturate by 10%, it is 255, 255, 255.

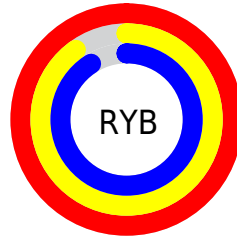
Distribution



Red (100%)

Green (90%)

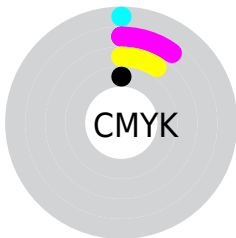
Blue (91%)



Red (100%)

Yellow (90%)

Blue (91%)

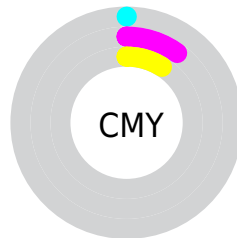


Cyan (0%)

Magenta (10%)

Yellow (9%)

Black (0%)



Cyan (0%)

Magenta (10%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the RGB color 255, 229, 233 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 255, 229, 233 by changing the saturation by 10% instead.

255, 229, 233

255, 229, 233

255, 255, 255

226, 201, 205

198, 174, 177

171, 147, 151

144, 121, 125

118, 96, 100

93, 73, 76

70, 50, 53

47, 29, 32

28, 4, 9

 255, 229, 233

 255, 229, 233

 255, 204, 211


255, 255, 255


 255, 178, 190

255, 255, 255

 255, 153, 168

 255, 127, 147

 255, 102, 125

 255, 76, 104

 255, 51, 82

 255, 25, 60

 255, 0, 39

Harmonies

Analogous

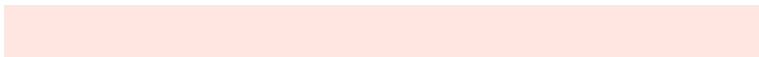
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



250, 230, 242



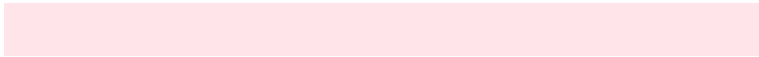
255, 229, 233



255, 230, 224

Triad

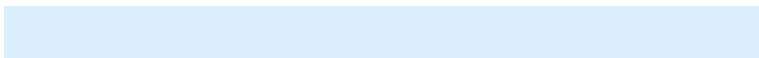
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



255, 229, 233



230, 238, 220



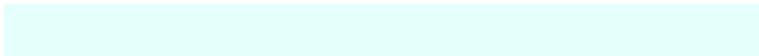
219, 238, 252

Complementary

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



255, 229, 233



229, 255, 251

Split Complementary

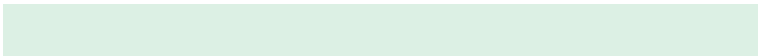
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



213, 240, 246



255, 229, 233



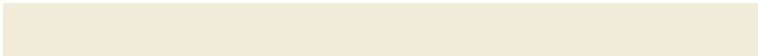
220, 240, 228

Square

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



255, 229, 233



241, 235, 217



214, 241, 237



229, 235, 253

Rectangle

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



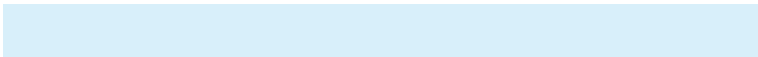
255, 229, 233



252, 231, 220



214, 241, 237



216, 239, 250

Sweetspot

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



255, 229, 233



255, 247, 249



251, 229, 255



128, 122, 123



0, 0, 0



128, 128, 128

Same Dimension

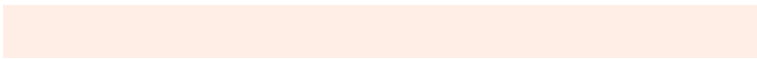
The Same Dimension uses a secret algorithm to generate beautiful new colors.



255, 229, 233



255, 224, 229



255, 238, 229



128, 115, 117



191, 0, 29



64, 0, 10

Inverse Universe

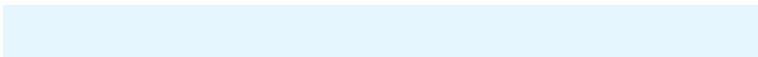
The Inverse Universe completely reimagines the original color for something new.



255, 229, 233



255, 224, 229



229, 246, 255



128, 115, 117



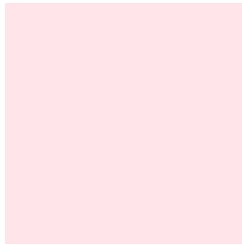
191, 0, 29



64, 0, 10

Previews

White Background



This preview shows how the RGB color 255, 229, 233 looks on a white background.

Color Contrast Check

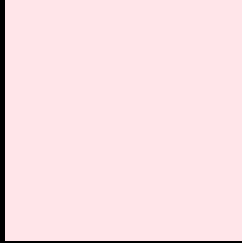
Large Text (above 18pt) WCAG AA × Fail

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 255, 229, 233 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

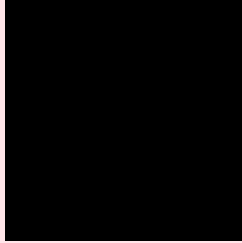
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

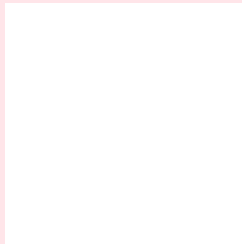
Any Text WCAG AAA ✓ Pass

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

RGB 255, 229, 233 Background



This preview shows how black text looks on a background with the RGB color 255, 229, 233.

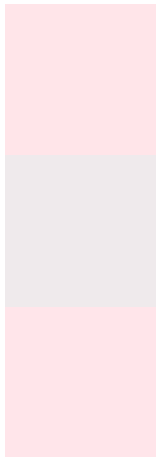


This preview shows how white text looks on a background with the RGB color 255, 229, 233.

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
255, 229, 233

Protanopia
239, 234, 236

Deuteranopia
255, 229, 234



Tritanopia

255, 228, 244

Trichromacy



Original Color

255, 229, 233

Protanomaly

245, 232, 235

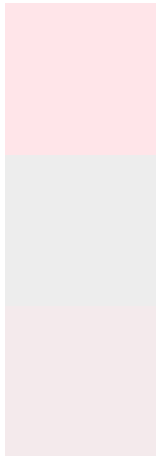
Deuteranomaly

255, 229, 234

Tritanomaly

255, 228, 240

Monochromacy



Original Color

255, 229, 233

Achromatopsia

237, 237, 237

Achromatomaly

244, 234, 236

CSS Examples

Text

The CSS property to change the color of the text to RGB 255, 229, 233 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(255, 229, 233) looks like.

```
.text, #text, p{  
    color:rgb(255, 229, 233)  
}
```

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(255, 229, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 229, 233) }
```

Border

The CSS property to change the border of an element to RGB 255, 229, 233 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(255, 229, 233) }
```

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

```
.border{ border-color:rgb(255, 229, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 229, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 229, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 229, 233);  
box-shadow:4px 4px 4px 4px rgb(255, 229,  
233) }
```

Background

The CSS property to change the background color of an element to RGB 255, 229, 233 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 229, 233) }
```

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

```
.background{ background-color: rgb(255,  
229, 233) }
```

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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