

Converting Colors

RGB(227, 211, 232)

Have a look what the booklet for
RGB(227, 211, 232) contains.

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Color

RGB(227, 211, 232)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | E3D3E8 |
| RGB | 227, 211, 232 |
| RGB Percent | 89%, 83%, 91% |
| CMY | 0.1098, 0.1725, 0.0902 |
| CMYK | 0.02, 0.09, 0.00, 0.09 |
| HSL | 286°, 31%, 87% |
| HSV | 286°, 9%, 91% |
| XYZ | 69.5383, 68.7456, 85.9481 |
| YIQ | 218.1780, 2.7950, 9.9230 |

Conversions

Conversions Part 2

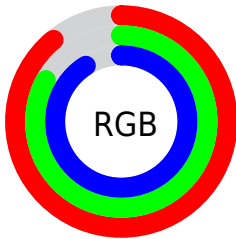
| Format | Color |
|-------------------------------------|-----------------------------|
| R _Y B | 227, 211, 232 |
| Decimal | 14930920 |
| CIE Lab | 86.38, 9.25, -8.32 |
| CIE LCh | 86, 12.447, 318.032 |
| Yxy | 68.7456, 0.3101, 0.3066 |
| Android (android.graphics.Color) | 4293121000 (0xFFE3D3E8) |
| YUV | 218.1780, 6.8142, 7.7369 |
| Hunter-Lab | 82.9130, 4.6085, -3.4213 |

Details

The RGB color `227, 211, 232` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `216, 232, 211`, and the grayscale version is `218, 218, 218`.

A 20% lighter version of the original color is `255, 255, 255`, and `172, 156, 176` is the 20% darker color. If you saturate the color by 10%, you get `221, 188, 232`, and if you desaturate by 10%, it is `233, 234, 232`.

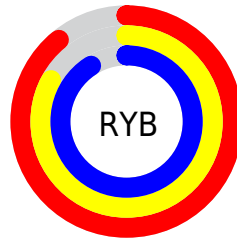
Distribution



Red (89%)

Green (83%)

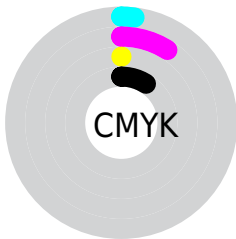
Blue (91%)



Red (89%)

Yellow (83%)

Blue (91%)

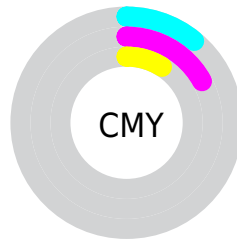


Cyan (2%)

Magenta (9%)

Yellow (0%)

Black (9%)



Cyan (11%)

Magenta (17%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the RGB color 227, 211, 232 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 227, 211, 232 by changing the saturation by 10% instead.

■ 227, 211, 232

255, 255, 255

■ 227, 211, 232

■ 199, 183, 204

■ 172, 156, 176

■ 145, 130, 150

■ 119, 105, 124

■ 95, 81, 99

■ 71, 58, 75


■ 48, 36, 52

■ 27, 16, 31

■ 0, 0, 5

 227, 211, 232


 227, 211, 232

 221, 188, 232


 233, 234, 232

 216, 165, 232

 238, 255, 232

 210, 141, 232


 244, 255, 232

 205, 118, 232

 249, 255, 232

 199, 95, 232

 255, 255, 232

 194, 72, 232

 255, 255, 232

 188, 49, 232

 183, 25, 232

 177, 2, 232

Harmonies

Analogous

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



213, 215, 238



227, 211, 232



238, 209, 221

Triad

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



227, 211, 232



231, 214, 193



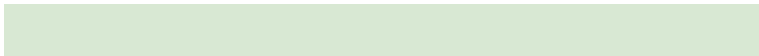
187, 223, 223

Complementary

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



227, 211, 232



216, 232, 211

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.



193, 223, 211



227, 211, 232



218, 218, 194

Square

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



227, 211, 232



239, 210, 199



205, 221, 200



189, 222, 233

Rectangle

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



227, 211, 232



241, 208, 213



205, 221, 200



188, 223, 219

Sweetspot

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



227, 211, 232



253, 247, 255



211, 216, 232



126, 122, 128



0, 0, 0



128, 128, 128

Same Dimension

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



227, 211, 232



248, 227, 255



232, 211, 227



112, 103, 115



136, 0, 179



39, 0, 51

Inverse Universe

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



232, 211, 216



255, 227, 234



211, 232, 216



115, 103, 106



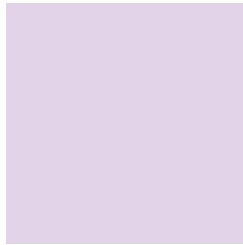
179, 0, 42



51, 0, 12

Previews

White Background



This preview shows how the RGB color 227, 211, 232 looks on a white background.

Color Contrast Check

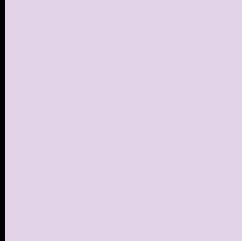
Large Text (above 18pt) WCAG AA × Fail

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 227, 211, 232 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

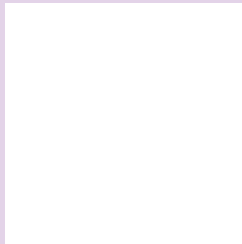
Any Text WCAG AAA ✓ Pass

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

RGB 227, 211, 232 Background



This preview shows how black text looks on a background with the RGB color 227, 211, 232.



This preview shows how white text looks on a background with the RGB color 227, 211, 232.

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
227, 211, 232

Protanopia
215, 215, 234

Deuteranopia
230, 210, 232



Tritanopia
226, 212, 228

Trichromacy



Original Color

227, 211, 232

Protanomaly

219, 214, 233

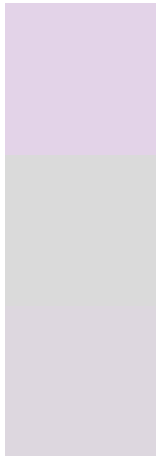
Deuteranomaly

229, 210, 232

Tritanomaly

226, 212, 229

Monochromacy



Original Color

227, 211, 232

Achromatopsia

218, 218, 218

Achromatomaly

221, 215, 223

CSS Examples

Text

The CSS property to change the color of the text to RGB 227, 211, 232 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(227, 211, 232)` looks like.

```
.text, #text, p{  
    color:rgb(227, 211, 232)  
}
```

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(227, 211, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 211, 232) }
```

Border

The CSS property to change the border of an element to RGB 227, 211, 232 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(227, 211, 232) }
```

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

```
.border{ border-color:rgb(227, 211, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 211, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 211, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 211, 232);  
box-shadow:4px 4px 4px 4px rgb(227, 211,  
232) }
```

Background

The CSS property to change the background color of an element to RGB 227, 211, 232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 211, 232) }
```

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

```
.background{ background-color: rgb(227,  
211, 232) }
```

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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