

Converting Colors

RGB(224, 222, 233)

Have a look what the booklet for
RGB(224, 222, 233) contains.

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Color

RGB(224, 222, 233)

Conversions

Conversions Part 1

Format	Color
Hex	E0DEE9
RGB	224, 222, 233
RGB Percent	88%, 87%, 91%
CMY	0.1216, 0.1294, 0.0863
CMYK	0.04, 0.05, 0.00, 0.09
HSL	251°, 20%, 89%
HSV	251°, 5%, 91%
XYZ	71.5697, 73.9730, 87.5969
YIQ	223.8520, -2.3390, 3.8450

Conversions

Conversions Part 2

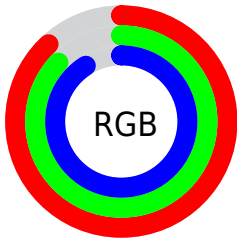
Format	Color
RYB	224, 222, 233
Decimal	14737129
CIELab	88.91, 2.69, -5.13
CIELCh	89, 5.793, 297.629
Yxy	73.9730, 0.3070, 0.3173
Android (android.graphics.Color)	4292927209 (0xFFE0DEE9)
YUV	223.8520, 4.5100, 0.1298
Hunter-Lab	86.0076, -1.9776, -0.1803

Details

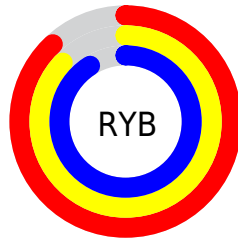
The RGB color **224, 222, 233** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **231, 233, 222**, and the grayscale version is **224, 224, 224**.

A 20% lighter version of the original color is **255, 255, 255**, and **169, 167, 177** is the 20% darker color. If you saturate the color by 10%, you get **205, 199, 233**, and if you desaturate by 10%, it is **243, 245, 233**.

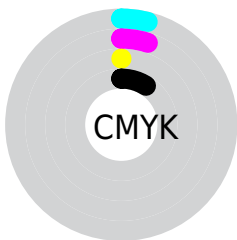
Distribution



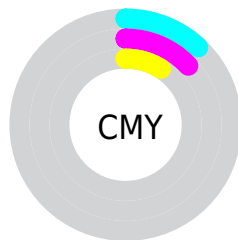
- Red (88%)
- Green (87%)
- Blue (91%)



- Red (88%)
- Yellow (87%)
- Blue (91%)



- Cyan (4%)
- Magenta (5%)
- Yellow (0%)
- Black (9%)



- Cyan (12%)
- Magenta (13%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the RGB color 224, 222, 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 224, 222, 233 by changing the saturation by 10% instead.

■ 224, 222, 233

255, 255, 255

■ 224, 222, 233

■ 196, 194, 205

■ 169, 167, 177

■ 142, 141, 151

■ 117, 115, 125

■ 92, 91, 100

■ 69, 67, 76

■ 46, 45, 53

■ 26, 24, 32


■ 0, 0, 8

 224, 222, 233

 224, 222, 233


 205, 199, 233

 243, 245, 233

 186, 175, 233

 255, 255, 233


 167, 152, 233


 148, 129, 233

 129, 106, 233

 110, 82, 233

 91, 59, 233

 71, 36, 233

 52, 12, 233

Harmonies

Analogous

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



217, 224, 234



224, 222, 233



230, 220, 229

Triad

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



224, 222, 233



233, 221, 214



212, 227, 223

Complementary

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



224, 222, 233



231, 233, 222

Split Complementary

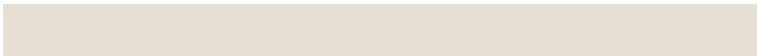
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



216, 226, 217



224, 222, 233



229, 223, 212

Square

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



224, 222, 233



236, 220, 218



222, 224, 213



210, 226, 228

Rectangle

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



224, 222, 233



233, 220, 226



222, 224, 213



213, 227, 221

Sweetspot

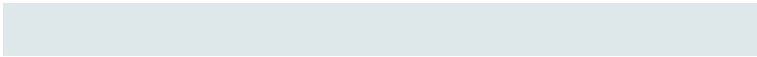
The Sweet Spot groups the original color and five complimentary colors.



224, 222, 233



253, 252, 255



222, 231, 233



126, 126, 128



0, 0, 0



128, 128, 128

Same Dimension

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



224, 222, 233



242, 240, 255



229, 222, 233



111, 109, 117



33, 0, 181



10, 0, 54

Inverse Universe

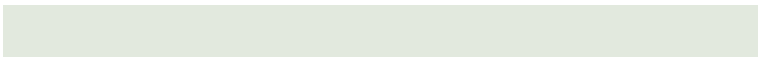
The Inverse Universe completely reimagines the original color for something new.



233, 222, 231



255, 240, 252



226, 233, 222



117, 109, 116



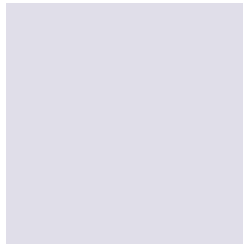
181, 0, 148



54, 0, 44

Previews

White Background



This preview shows how the RGB color 224, 222, 233 looks on a white background.

Color Contrast Check

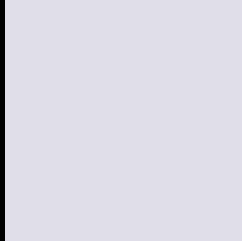
Large Text (above 18pt) WCAG AA × Fail

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 224, 222, 233 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

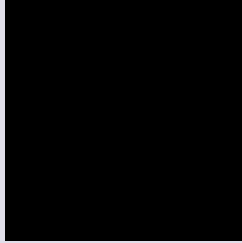
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

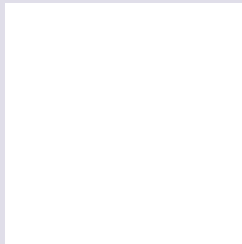
Any Text WCAG AAA ✓ Pass

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

RGB 224, 222, 233 Background



This preview shows how black text looks on a background with the RGB color 224, 222, 233.

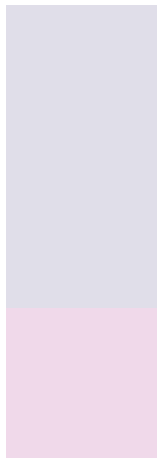


This preview shows how white text looks on a background with the RGB color 224, 222, 233.

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
224, 222, 233

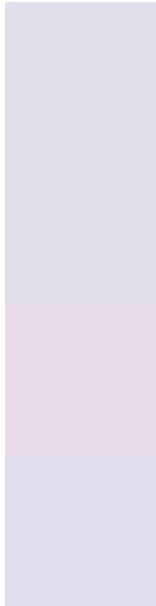
Protanopia
224, 222, 233

Deuteranopia
240, 217, 234



Tritanopia
225, 221, 239

Trichromacy



Original Color

224, 222, 233

Protanomaly

224, 222, 233

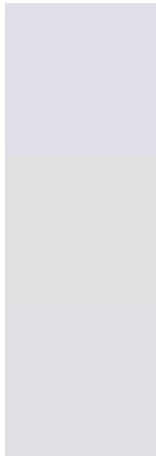
Deuteranomaly

234, 219, 234

Tritanomaly

225, 221, 237

Monochromacy



Original Color

224, 222, 233

Achromatopsia

224, 224, 224

Achromatomaly

224, 223, 227

CSS Examples

Text

The CSS property to change the color of the text to RGB 224, 222, 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(224, 222, 233) looks like.

```
.text, #text, p{  
    color:rgb(224, 222, 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(224, 222, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 222, 233) }
```

Border

The CSS property to change the border of an element to RGB 224, 222, 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(224, 222, 233) }
```

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

```
.border{ border-color:rgb(224, 222, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 222, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 222, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 222, 233);  
box-shadow:4px 4px 4px 4px rgb(224, 222,  
233) }
```

Background

The CSS property to change the background color of an element to RGB 224, 222, 233 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 222, 233) }
```

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

```
.background{ background-color: rgb(224,  
222, 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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