

Converting Colors

RGB(224, 225, 232)

Have a look what the booklet for
RGB(224, 225, 232) contains.

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Color

RGB(224, 225, 232)

Conversions

Conversions Part 1

Format	Color
Hex	E0E1E8
RGB	224, 225, 232
RGB Percent	88%, 88%, 91%
CMY	0.1216, 0.1176, 0.0902
CMYK	0.03, 0.03, 0.00, 0.09
HSL	233°, 15%, 89%
HSV	233°, 3%, 91%
XYZ	72.2312, 75.5239, 87.1145
YIQ	225.4990, -2.8430, 1.9650

Conversions

Conversions Part 2

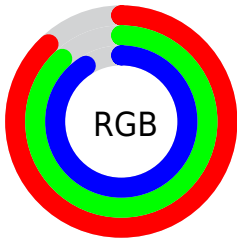
Format	Color
R _Y B	224, 225, 232
Decimal	14737896
CIE Lab	89.64, 0.95, -3.54
CIE LCh	90, 3.659, 284.969
Yxy	75.5239, 0.3075, 0.3216
Android (android.graphics.Color)	4292927976 (0xFFE0E1E8)
YUV	225.4990, 3.2050, -1.3146
Hunter-Lab	86.9045, -3.7216, 1.3999

Details

The RGB color **224, 225, 232** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **232, 231, 224**, and the grayscale version is **225, 225, 225**.

A 20% lighter version of the original color is **255, 255, 255**, and **169, 170, 176** is the 20% darker color. If you saturate the color by 10%, you get **201, 205, 232**, and if you desaturate by 10%, it is **247, 245, 232**.

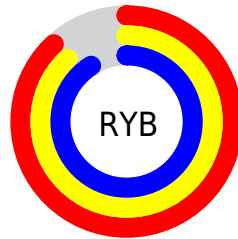
Distribution



Red (88%)

Green (88%)

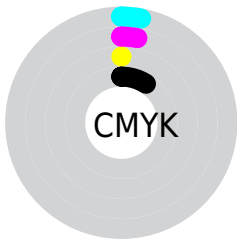
Blue (91%)



Red (88%)

Yellow (88%)

Blue (91%)

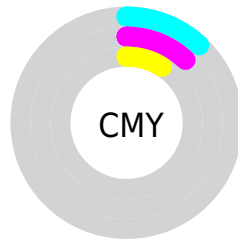


Cyan (3%)

Magenta (3%)

Yellow (0%)

Black (9%)



Cyan (12%)

Magenta (12%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the RGB color 224, 225, 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 224, 225, 232 by changing the saturation by 10% instead.

■ 224, 225, 232

255, 255, 255

■ 224, 225, 232

■ 196, 197, 204

■ 169, 170, 176

■ 142, 143, 150

■ 117, 118, 124

■ 92, 93, 99

■ 69, 70, 75


■ 46, 47, 53

■ 26, 27, 31

■ 0, 0, 7

 224, 225, 232


 224, 225, 232


 201, 205, 232

 247, 245, 232


 178, 184, 232

 255, 255, 232

 154, 164, 232

 131, 144, 232

 108, 123, 232

 85, 103, 232

 62, 83, 232

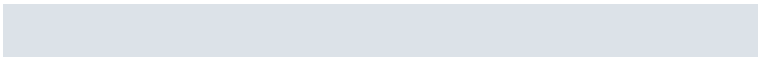
 38, 63, 232

 15, 42, 232

Harmonies

Analogous

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



220, 226, 232



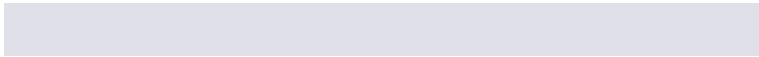
224, 225, 232



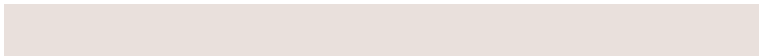
228, 224, 230

Triad

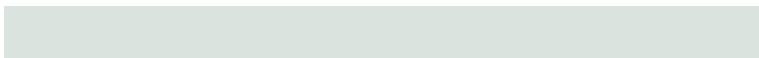
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



224, 225, 232



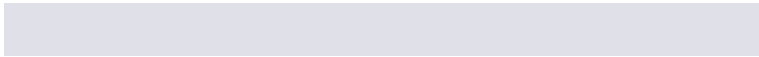
233, 224, 220



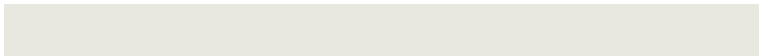
219, 227, 223

Complementary

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



224, 225, 232



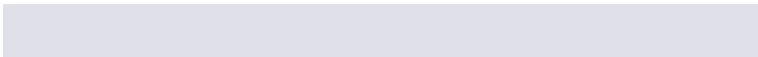
232, 231, 224

Split Complementary

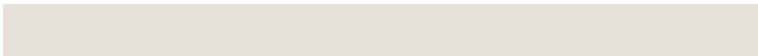
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



222, 227, 220



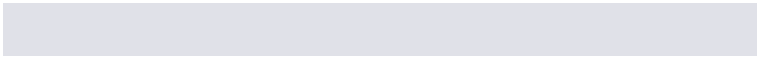
224, 225, 232



230, 224, 219

Square

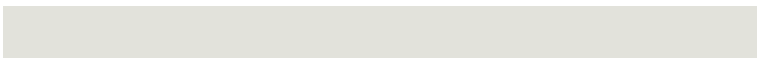
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



224, 225, 232



233, 223, 224



226, 226, 219



217, 227, 227

Rectangle

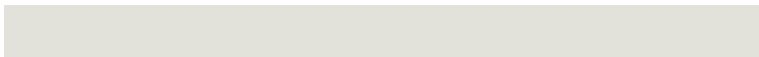
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



224, 225, 232



231, 223, 228



226, 226, 219



220, 227, 222

Sweetspot

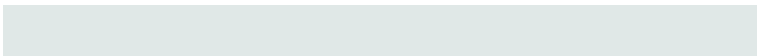
The Sweet Spot groups the original color and five complimentary colors.



224, 225, 232



252, 253, 255



224, 232, 231



126, 126, 128



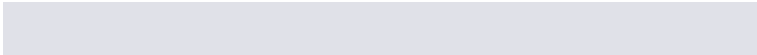
0, 0, 0



128, 128, 128

Same Dimension

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



224, 225, 232



245, 246, 255



227, 224, 232



109, 110, 115



0, 22, 179



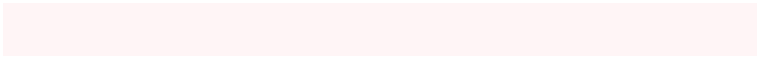
0, 6, 51

Inverse Universe

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



232, 224, 225



255, 245, 246



229, 232, 224



115, 109, 110



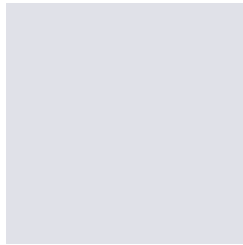
179, 0, 22



51, 0, 6

Previews

White Background



This preview shows how the RGB color 224, 225, 232 looks on a white background.

Color Contrast Check

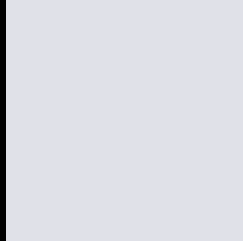
Large Text (above 18pt) WCAG AA × Fail

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 224, 225, 232 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

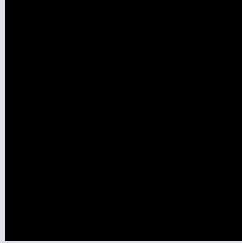
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

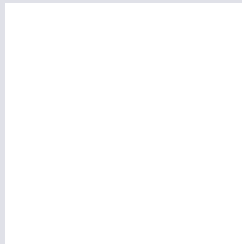
Any Text WCAG AAA ✓ Pass

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

RGB 224, 225, 232 Background



This preview shows how black text looks on a background with the RGB color 224, 225, 232.

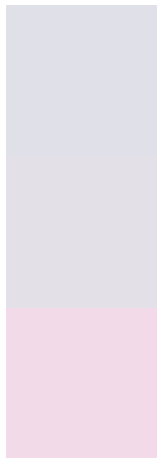


This preview shows how white text looks on a background with the RGB color 224, 225, 232.

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
[224, 225, 232](#)

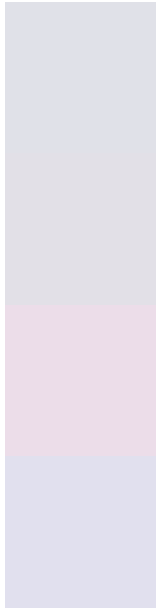
Protanopia
[227, 224, 231](#)

Deuteranopia
[243, 218, 233](#)



Tritanopia
225, 224, 241

Trichromacy



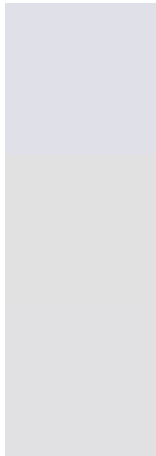
Original Color
224, 225, 232

Protanomaly
226, 224, 231

Deuteranomaly
236, 221, 233

Tritanomaly
225, 224, 238

Monochromacy



Original Color
224, 225, 232

Achromatopsia
225, 225, 225

Achromatomaly
225, 225, 228

CSS Examples

Text

The CSS property to change the color of the text to RGB 224, 225, 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(224, 225, 232)` looks like.

```
.text, #text, p{  
    color:rgb(224, 225, 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(224, 225, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 225, 232) }
```

Border

The CSS property to change the border of an element to RGB 224, 225, 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(224, 225, 232) }
```

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

```
.border{ border-color:rgb(224, 225, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 225, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 225, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 225, 232);  
box-shadow:4px 4px 4px 4px rgb(224, 225,  
232) }
```

Background

The CSS property to change the background color of an element to RGB 224, 225, 232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 225, 232) }
```

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

```
.background{ background-color: rgb(224,  
225, 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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