

Converting Colors

RGB(227, 228, 224)

Have a look what the booklet for
RGB(227, 228, 224) contains.

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Color

RGB(227, 228, 224)

Conversions

Conversions Part 1

Format	Color
Hex	E3E4E0
RGB	227, 228, 224
RGB Percent	89%, 89%, 88%
CMY	0.1098, 0.1059, 0.1216
CMYK	0.00, 0.00, 0.02, 0.11
HSL	75°, 7%, 89%
HSV	75°, 2%, 89%
XYZ	72.8765, 77.1995, 81.5810
YIQ	227.2450, 0.6880, -1.4560

Conversions

Conversions Part 2

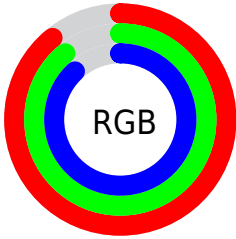
Format	Color
R_{YB}	224, 228, 225
Decimal	14935264
CIE _{Lab}	90.41, -1.04, 1.82
CIE _{LCh}	90, 2.097, 119.818
Yxy	77.1995, 0.3146, 0.3332
Android (android.graphics.Color)	4293125344 (0xFFE3E4E0)
YUV	227.2450, -1.5998, -0.2149
Hunter-Lab	87.8633, -5.7073, 6.4535

Details

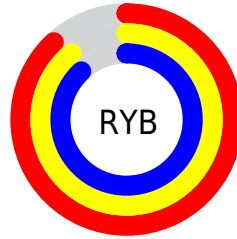
The RGB color **227, 228, 224** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **225, 224, 228**, and the grayscale version is **227, 227, 227**.

A 20% lighter version of the original color is **255, 255, 255**, and **172, 173, 169** is the 20% darker color. If you saturate the color by 10%, you get **221, 228, 201**, and if you desaturate by 10%, it is **233, 228, 247**.

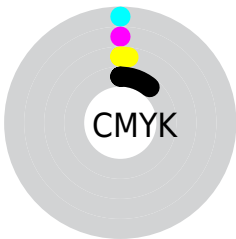
Distribution



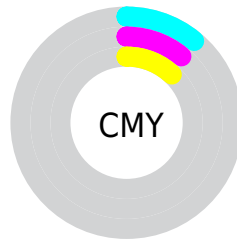
- Red (89%)
- Green (89%)
- Blue (88%)



- Red (88%)
- Yellow (89%)
- Blue (88%)



- Cyan (0%)
- Magenta (0%)
- Yellow (2%)
- Black (11%)



- Cyan (11%)
- Magenta (11%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the RGB color 227, 228, 224 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, 228, 224 by changing the saturation by 10% instead.

■ 227, 228, 224

255, 255, 255

■ 227, 228, 224

■ 199, 200, 196

■ 172, 173, 169

■ 145, 146, 142

■ 120, 120, 117

■ 95, 96, 92

■ 71, 72, 69

■ 49, 50, 47

■ 28, 29, 26

■ 0, 2, 0

■ 227, 228, 224

■ 227, 228, 224

■ 221, 228, 201

■ 233, 228, 247

■ 216, 228, 178

■ 238, 228, 255

■ 210, 228, 156

■ 244, 228, 255

■ 204, 228, 133

■ 250, 228, 255

■ 198, 228, 110

■ 255, 228, 255

■ 193, 228, 87

■ 187, 228, 64

■ 181, 228, 42

■ 176, 228, 19

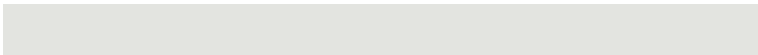
Harmonies

Analogous

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



229, 227, 224



227, 228, 224



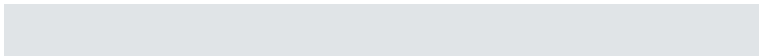
225, 229, 225

Triad

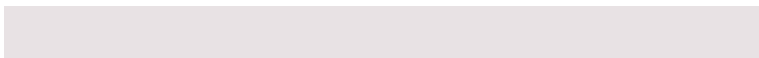
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



227, 228, 224



224, 228, 231



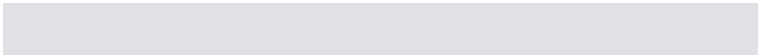
232, 226, 228

Complementary

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



227, 228, 224



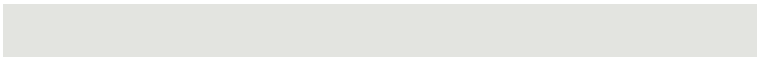
225, 224, 228

Split Complementary

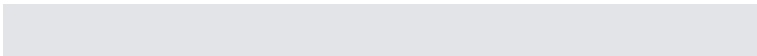
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



230, 226, 230



227, 228, 224



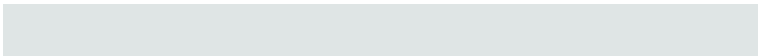
226, 228, 231

Square

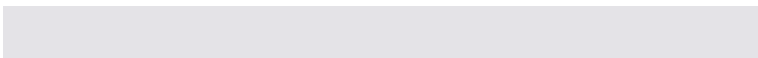
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



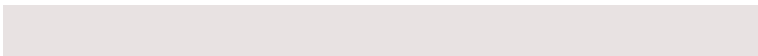
227, 228, 224



223, 229, 229



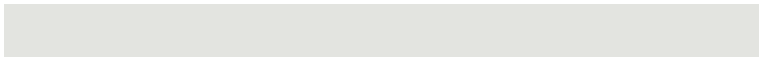
228, 227, 231



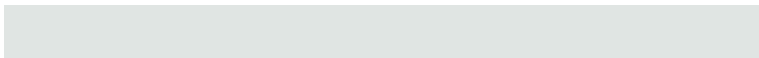
232, 226, 226

Rectangle

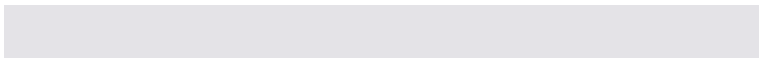
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



227, 228, 224



224, 229, 227



228, 227, 231



231, 226, 228

Sweetspot

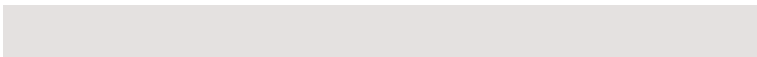
The Sweet Spot groups the original color and five complimentary colors.



227, 228, 224



254, 255, 252



228, 225, 224



127, 128, 126



0, 0, 0



128, 128, 128

Same Dimension

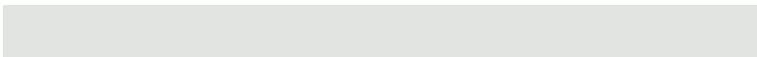
The Same Dimension uses a secret algorithm to generate beautiful new colors.



227, 228, 224



254, 255, 250



225, 228, 224



114, 115, 112



134, 179, 0



38, 51, 0

Inverse Universe

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



225, 224, 228



251, 250, 255



227, 224, 228



113, 112, 115



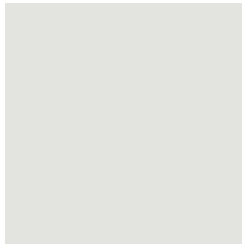
45, 0, 179



13, 0, 51

Previews

White Background



This preview shows how the RGB color 227, 228, 224 looks on a white background.

Color Contrast Check

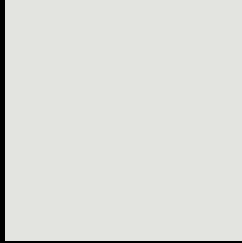
Large Text (above 18pt) WCAG AA × Fail

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, 228, 224 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

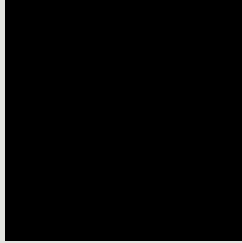
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

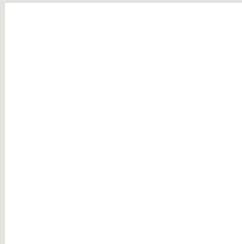
Any Text WCAG AAA ✓ Pass

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

RGB 227, 228, 224 Background



This preview shows how black text looks on a background with the RGB color 227, 228, 224.

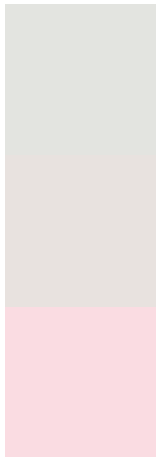


This preview shows how white text looks on a background with the RGB color 227, 228, 224.

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, 228, 224

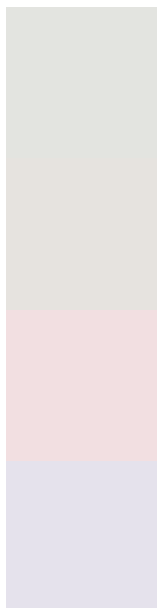
Protanopia
232, 226, 223

Deuteranopia
250, 220, 226



Tritanopia
230, 225, 243

Trichromacy



Original Color

227, 228, 224

Protanomaly

230, 227, 223

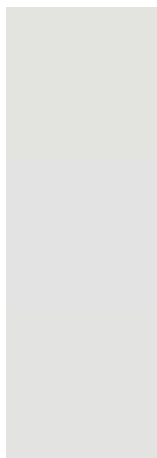
Deuteranomaly

242, 223, 225

Tritanomaly

229, 226, 236

Monochromacy



Original Color

227, 228, 224

Achromatopsia

227, 227, 227

Achromatomaly

227, 227, 226

CSS Examples

Text

The CSS property to change the color of the text to RGB 227, 228, 224 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, 228, 224)` looks like.

```
.text, #text, p{  
    color:rgb(227, 228, 224)  
}
```

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, 228, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 228, 224) }
```

Border

The CSS property to change the border of an element to RGB 227, 228, 224 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, 228, 224) }
```

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

```
.border{ border-color:rgb(227, 228, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 228, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 228, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 228, 224);  
box-shadow:4px 4px 4px 4px rgb(227, 228,  
224) }
```

Background

The CSS property to change the background color of an element to RGB 227, 228, 224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 228, 224) }
```

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

```
.background{ background-color: rgb(227,  
228, 224) }
```

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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