

Converting Colors

RGB(240, 226, 226)

Have a look what the booklet for
RGB(240, 226, 226) contains.

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Color

RGB(240, 226, 226)

Conversions

Conversions Part 1

Format	Color
Hex	F0E2E2
RGB	240, 226, 226
RGB Percent	94%, 89%, 89%
CMY	0.0588, 0.1137, 0.1137
CMYK	0.00, 0.06, 0.06, 0.06
HSL	0°, 32%, 91%
HSV	0°, 6%, 94%
XYZ	76.8590, 78.4090, 83.0350
YIQ	230.1860, 8.3440, 2.9680

Conversions

Conversions Part 2

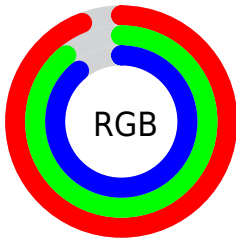
Format	Color
R _Y B	240, 226, 226
Decimal	15786722
CIE Lab	90.97, 4.76, 1.70
CIE LCh	91, 5.057, 19.640
Yxy	78.4090, 0.3225, 0.3290
Android (android.graphics.Color)	4293976802 (0xFFFF0E2E2)
YUV	230.1860, -2.0637, 8.6069
Hunter-Lab	88.5488, -0.0253, 6.3861

Details

The RGB color **240, 226, 226** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **226, 240, 240**, and the grayscale version is **230, 230, 230**.

A 20% lighter version of the original color is **255, 255, 255**, and **184, 171, 171** is the 20% darker color. If you saturate the color by 10%, you get **240, 202, 202**, and if you desaturate by 10%, it is **240, 250, 250**.

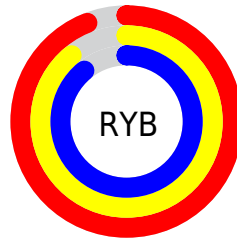
Distribution



Red (94%)

Green (89%)

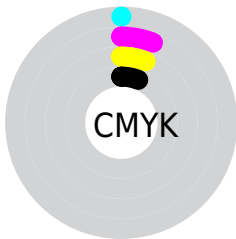
Blue (89%)



Red (94%)

Yellow (89%)

Blue (89%)

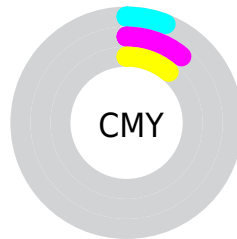


Cyan (0%)

Magenta (6%)

Yellow (6%)

Black (6%)



Cyan (6%)

Magenta (11%)

Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the RGB color 240, 226, 226 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 240, 226, 226 by changing the saturation by 10% instead.


 240, 226, 226


255, 255, 255

 240, 226, 226

 212, 198, 198


 184, 171, 171

 157, 144, 144

 131, 119, 119

 106, 94, 94

 82, 70, 70

 58, 48, 48

 37, 27, 27


 17, 0, 0

 240, 226, 226


 240, 226, 226


 240, 202, 202


 240, 250, 250

 240, 178, 178

 240, 255, 255

 240, 154, 154

 240, 130, 130

 240, 106, 106

 240, 82, 82

 240, 58, 58

 240, 34, 34

 240, 10, 10

Harmonies

Analogous

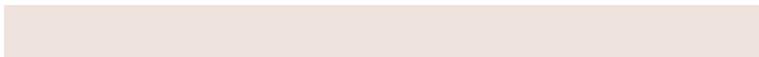
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



238, 226, 231



240, 226, 226



239, 227, 222

Triad

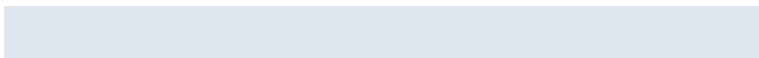
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



240, 226, 226



224, 231, 223



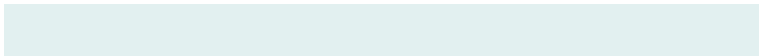
223, 230, 238

Complementary

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



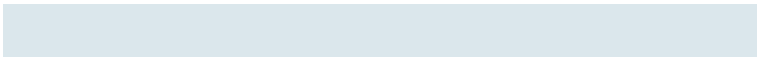
240, 226, 226



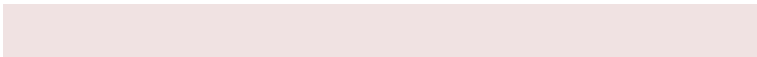
226, 240, 240

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.



219, 231, 236



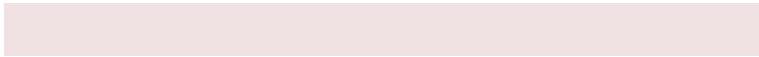
240, 226, 226



220, 232, 227

Square

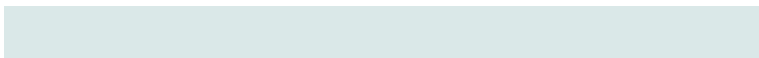
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



240, 226, 226



230, 230, 220



218, 232, 232



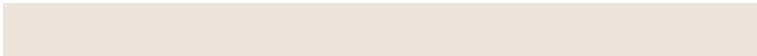
228, 228, 238

Rectangle

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



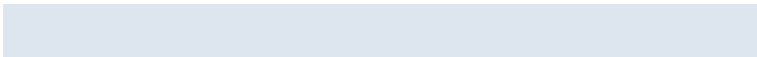
240, 226, 226



237, 228, 220



218, 232, 232



221, 230, 238

Sweetspot

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



240, 226, 226



255, 250, 250



240, 226, 240



128, 125, 125



0, 0, 0



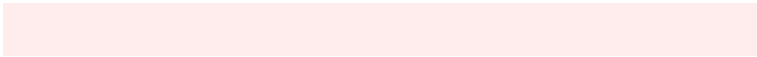
128, 128, 128

Same Dimension

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



240, 226, 226



255, 237, 237



240, 233, 226



120, 110, 110



184, 0, 0



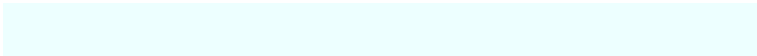
56, 0, 0

Inverse Universe

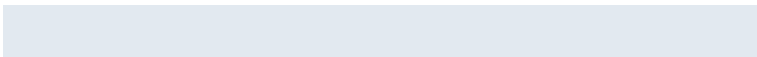
The Inverse Universe completely reimagines the original color for something new.



226, 240, 240



237, 255, 255



226, 233, 240



110, 120, 120



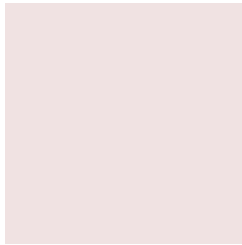
0, 184, 184



0, 56, 56

Previews

White Background



This preview shows how the RGB color 240, 226, 226 looks on a white background.

Color Contrast Check

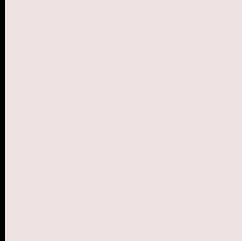
Large Text (above 18pt) WCAG AA × Fail

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 240, 226, 226 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

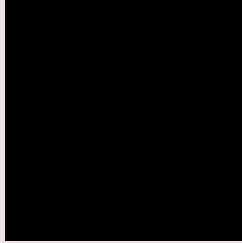
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

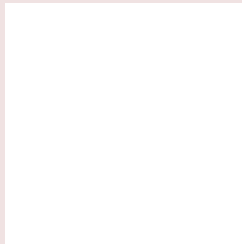
Any Text WCAG AAA ✓ Pass

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

RGB 240, 226, 226 Background



This preview shows how black text looks on a background with the RGB color 240, 226, 226.



This preview shows how white text looks on a background with the RGB color 240, 226, 226.

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](#).

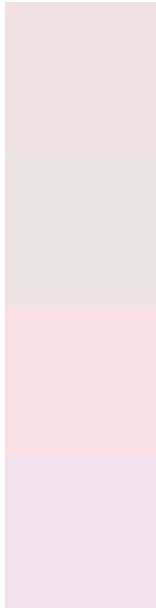
Dichromacy

	Original Color 240, 226, 226
	Protanopia 233, 228, 227
	Deuteranopia 252, 222, 227



Tritanopia
242, 224, 241

Trichromacy



Original Color

240, 226, 226

Protanomaly

236, 227, 227

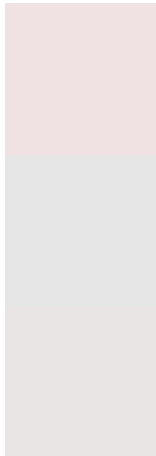
Deuteranomaly

248, 223, 227

Tritanomaly

241, 225, 236

Monochromacy



Original Color

240, 226, 226

Achromatopsia

230, 230, 230

Achromatomaly

234, 229, 229

CSS Examples

Text

The CSS property to change the color of the text to RGB 240, 226, 226 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(240, 226, 226) looks like.

```
.text, #text, p{  
    color:rgb(240, 226, 226)  
}
```

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(240, 226, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 226, 226) }
```

Border

The CSS property to change the border of an element to RGB 240, 226, 226 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(240, 226, 226) }
```

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

```
.border{ border-color:rgb(240, 226, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 226, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 226, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 226, 226);  
box-shadow:4px 4px 4px 4px rgb(240, 226,  
226) }
```

Background

The CSS property to change the background color of an element to RGB 240, 226, 226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 226, 226) }
```

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

```
.background{ background-color: rgb(240,  
226, 226) }
```

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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