

Converting Colors

RGB(238, 224, 224)

Have a look what the booklet for
RGB(238, 224, 224) contains.

RGB(238, 224, 224)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(238, 224, 224)

Conversions

Conversions Part 1

Format	Color
Hex	EEE0E0
RGB	238, 224, 224
RGB Percent	93%, 88%, 88%
CMY	0.0667, 0.1216, 0.1216
CMYK	0.00, 0.06, 0.06, 0.07
HSL	0°, 29%, 91%
HSV	0°, 6%, 93%
XYZ	75.3701, 76.8703, 81.3860
YIQ	228.1860, 8.3440, 2.9680

Conversions

Conversions Part 2

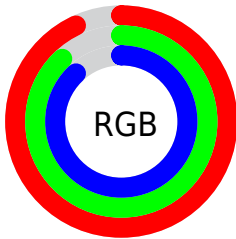
Format	Color
R _{YB}	238, 224, 224
Decimal	15655136
CIE Lab	90.26, 4.77, 1.70
CIE LCh	90, 5.066, 19.644
Yxy	76.8703, 0.3226, 0.3290
Android (android.graphics.Color)	4293845216 (0xFFEEE0E0)
YUV	228.1860, -2.0637, 8.6069
Hunter-Lab	87.6757, 0.0144, 6.3363

Details

The RGB color **238, 224, 224** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **224, 238, 238**, and the grayscale version is **228, 228, 228**.

A 20% lighter version of the original color is **255, 255, 255**, and **182, 169, 169** is the 20% darker color. If you saturate the color by 10%, you get **238, 200, 200**, and if you desaturate by 10%, it is **238, 248, 248**.

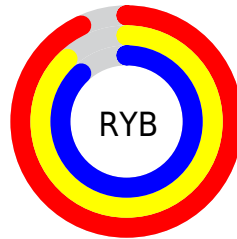
Distribution



Red (93%)

Green (88%)

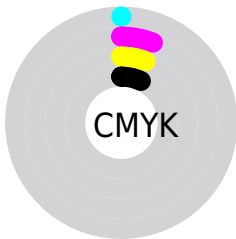
Blue (88%)



Red (93%)

Yellow (88%)

Blue (88%)

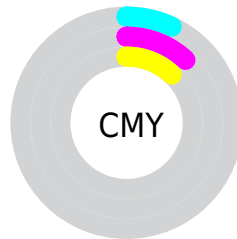


Cyan (0%)

Magenta (6%)

Yellow (6%)

Black (7%)



Cyan (7%)

Magenta (12%)

Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the RGB color 238, 224, 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 238, 224, 224 by changing the saturation by 10% instead.

 238, 224, 224

255, 255, 255

 238, 224, 224

 210, 196, 196

 182, 169, 169


 155, 142, 142

 129, 117, 117

 104, 92, 92

 80, 69, 69

 57, 46, 47

 35, 26, 26

 14, 0, 0

 238, 224, 224

 238, 224, 224


 238, 200, 200

 238, 248, 248

 238, 176, 176

 238, 255, 255

 238, 153, 153

 238, 129, 129

 238, 105, 105

 238, 81, 81

 238, 57, 57

 238, 34, 34

 238, 10, 10

Harmonies

Analogous

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



236, 224, 229



238, 224, 224



237, 225, 220

Triad

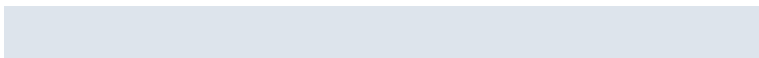
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



238, 224, 224



222, 229, 221



221, 228, 236

Complementary

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



238, 224, 224



224, 238, 238

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.



217, 229, 234



238, 224, 224



218, 230, 225

Square

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



238, 224, 224



228, 228, 218



216, 230, 230



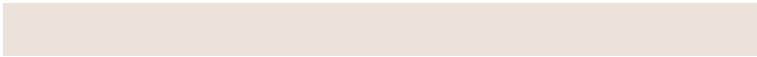
226, 226, 236

Rectangle

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



238, 224, 224



235, 226, 218



216, 230, 230



219, 228, 236

Sweetspot

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



238, 224, 224



255, 250, 250



238, 224, 238



128, 125, 125



0, 0, 0



128, 128, 128

Same Dimension

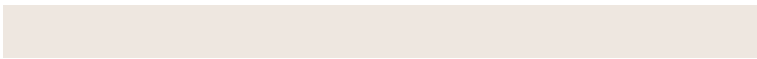
The Same Dimension uses a secret algorithm to generate beautiful new colors.



238, 224, 224



255, 237, 237



238, 231, 224



120, 110, 110



184, 0, 0



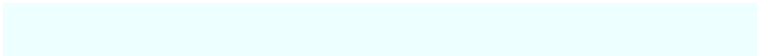
56, 0, 0

Inverse Universe

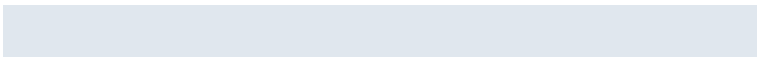
The Inverse Universe completely reimagines the original color for something new.



224, 238, 238



237, 255, 255



224, 231, 238



110, 120, 120



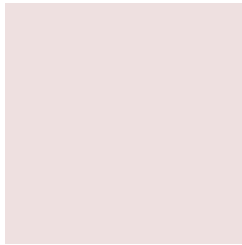
0, 184, 184



0, 56, 56

Previews

White Background



This preview shows how the RGB color 238, 224, 224 looks on a white background.

Color Contrast Check

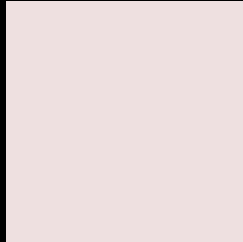
Large Text (above 18pt) WCAG AA × Fail

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 238, 224, 224 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

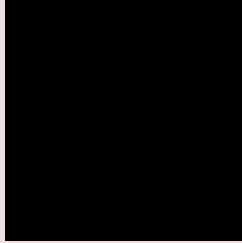
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

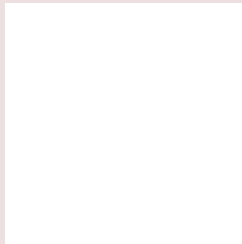
Any Text WCAG AAA ✓ Pass

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

RGB 238, 224, 224 Background



This preview shows how black text looks on a background with the RGB color 238, 224, 224.

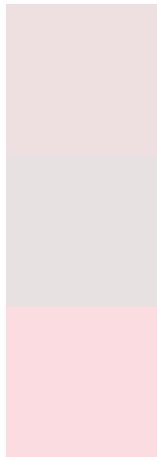


This preview shows how white text looks on a background with the RGB color 238, 224, 224.

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
238, 224, 224

Protanopia
231, 226, 225

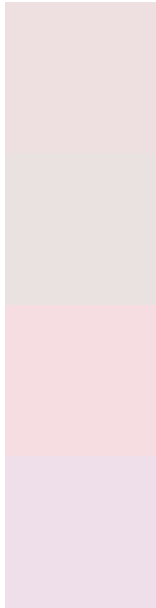
Deuteranopia
250, 220, 225



Tritanopia

240, 222, 239

Trichromacy



Original Color

238, 224, 224

Protanomaly

234, 225, 225

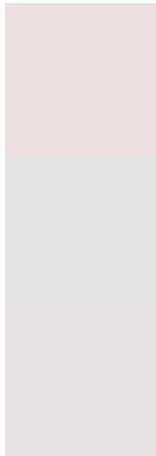
Deuteranomaly

246, 221, 225

Tritanomaly

239, 223, 234

Monochromacy



Original Color

238, 224, 224

Achromatopsia

228, 228, 228

Achromatomaly

232, 227, 227

CSS Examples

Text

The CSS property to change the color of the text to RGB 238, 224, 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(238, 224, 224) looks like.

```
.text, #text, p{  
    color:rgb(238, 224, 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(238, 224, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 224, 224) }
```

Border

The CSS property to change the border of an element to RGB 238, 224, 224 is called "border". The border property can be set on classes, ids or directly on the HTML element.

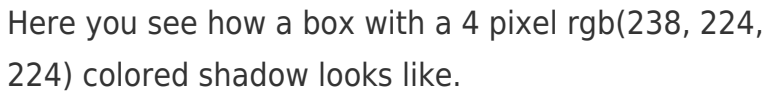
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(238, 224, 224) }
```

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

```
.border{ border-color:rgb(238, 224, 224) }
```

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



Here you see how a box with a 4 pixel `rgb(238, 224, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 224, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 224, 224);  
box-shadow:4px 4px 4px 4px rgb(238, 224,  
224) }
```

Background

The CSS property to change the background color of an element to RGB 238, 224, 224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 224, 224) }
```

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

```
.background{ background-color: rgb(238,  
224, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor