

Converting Colors

`RYB(235, 228, 228)`

Have a look what the booklet for RYB(235, 228, 228) contains.

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Color

R_YB(235, 228, 228)

Conversions

Conversions Part 1

Format	Color
Hex	EBE4E4
RGB	235, 228, 228
RGB Percent	92%, 89%, 89%
CMY	0.0784, 0.1059, 0.1059
CMYK	0.00, 0.03, 0.03, 0.08
HSL	0°, 15%, 91%
HSV	0°, 3%, 92%
XYZ	76.0079, 78.7504, 84.5931
YIQ	230.0930, 4.1720, 1.4840

Conversions

Conversions Part 2

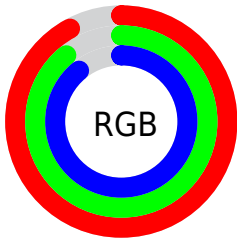
Format	Color
RYB	235, 228, 228
Decimal	15459556
CIELab	91.12, 2.37, 0.83
CIElCh	91, 2.511, 19.337
Yxy	78.7504, 0.3176, 0.3290
Android (android.graphics.Color)	4293649636 (0xFFEBE4E4)
YUV	230.0930, -1.0318, 4.3034
Hunter-Lab	88.7414, -2.4104, 5.6006

Details

The RYB color **235, 228, 228** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **228, 232, 235**, and the grayscale version is **230, 230, 230**.

A 20% lighter version of the original color is 255, 255, 255, and **179, 173, 173** is the 20% darker color. If you saturate the color by 10%, you get **235, 205, 205**, and if you desaturate by 10%, it is **235, 244, 252**.

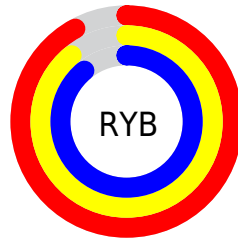
Distribution



Red (92%)

Green (89%)

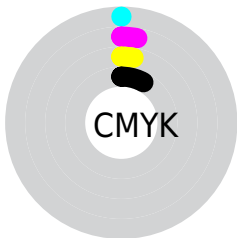
Blue (89%)



Red (92%)

Yellow (89%)

Blue (89%)

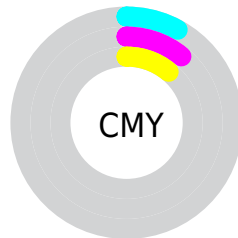


Cyan (0%)

Magenta (3%)

Yellow (3%)

Black (8%)



Cyan (8%)

Magenta (11%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the RYB color 235, 228, 228 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 RYB color 235, 228, 228 by changing the saturation by 10% instead.

 235, 228, 228

255, 255, 255

 235, 228, 228

 207, 200, 200

 179, 173, 173

 153, 146, 146


 127, 120, 120

 102, 96, 96

 78, 72, 72

 55, 50, 50

 33, 29, 29

 11, 2, 2

 235, 228, 228

 235, 228, 228

 235, 205, 205

 235, 244, 252

 235, 181, 181

 235, 245, 255

 235, 158, 158

 235, 134, 134

 235, 111, 111

 235, 87, 87

 235, 64, 64

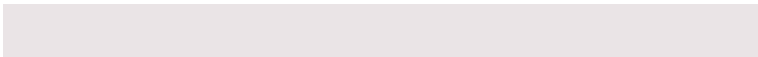
 235, 40, 40

 235, 17, 17

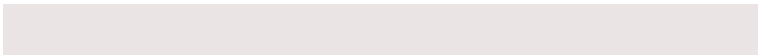
Harmonies

Analogous

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



234, 228, 230



235, 228, 228



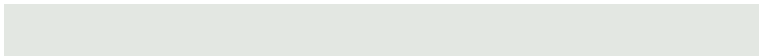
234, 229, 226

Triad

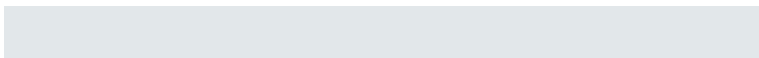
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



235, 228, 228



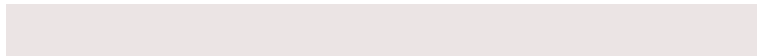
226, 231, 230



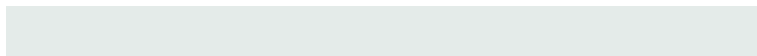
226, 229, 234

Complementary

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



235, 228, 228



228, 232, 235

Split Complementary

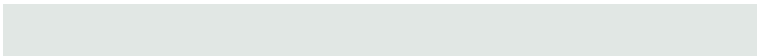
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



224, 228, 233



235, 228, 228



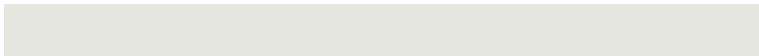
225, 229, 231

Square

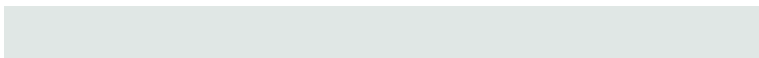
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



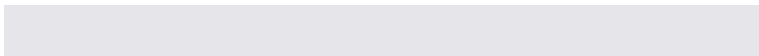
235, 228, 228



225, 230, 225



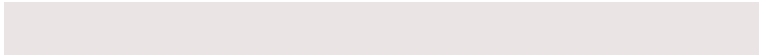
224, 228, 231



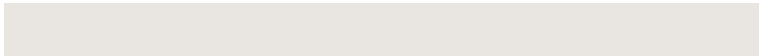
229, 229, 234

Rectangle

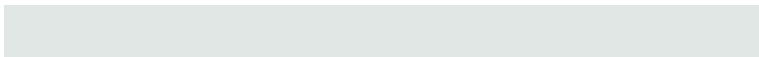
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



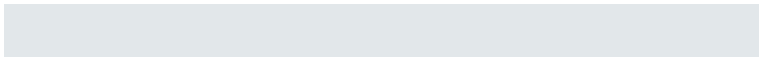
235, 228, 228



233, 233, 225



224, 228, 231



226, 229, 234

Sweetspot

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



235, 228, 228



255, 252, 252



235, 228, 235



128, 126, 126



0, 0, 0



128, 128, 128

Same Dimension

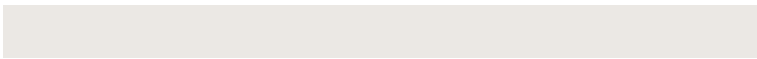
The Same Dimension uses a secret algorithm to generate beautiful new colors.



235, 228, 228



255, 245, 245



233, 235, 228



117, 111, 111



181, 0, 0



54, 0, 0

Inverse Universe

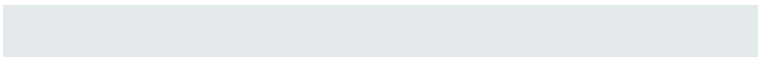
The Inverse Universe completely reimagines the original color for something new.



228, 232, 235



245, 250, 255



228, 231, 235



111, 114, 117



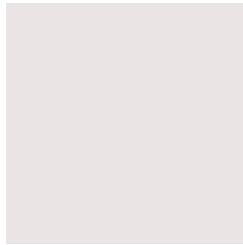
0, 91, 181



0, 27, 54

Previews

White Background



This preview shows how the RYB color 235, 228, 228 looks on a white background.

Color Contrast Check

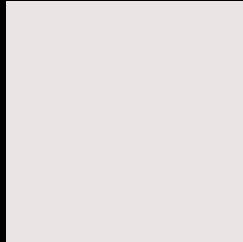
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 235, 228, 228 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

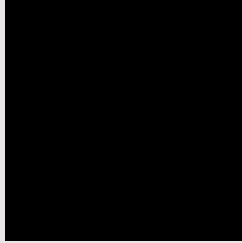
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

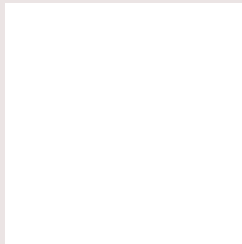
Any Text WCAG AAA ✓ Pass

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

RYB 235, 228, 228 Background



This preview shows how black text looks on a background with the RYB color 235, 228, 228.

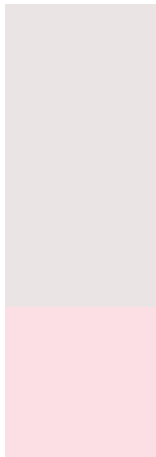


This preview shows how white text looks on a background with the RYB color 235, 228, 228.

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
235, 228, 228

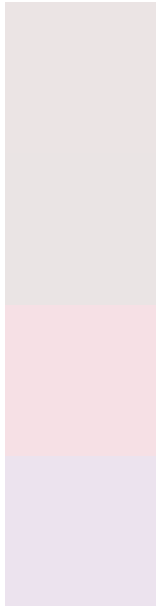
Protanopia
234, 228, 228

Deuteranopia
252, 222, 229



Tritanopia
237, 226, 243

Trichromacy



Original Color

235, 228, 228

Protanomaly

234, 228, 228

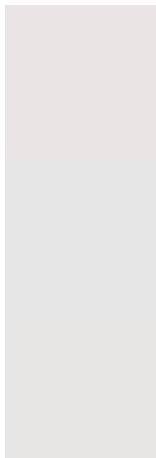
Deuteranomaly

246, 224, 229

Tritanomaly

236, 227, 238

Monochromacy



Original Color

235, 228, 228

Achromatopsia

230, 230, 230

Achromatomaly

232, 229, 229

CSS Examples

Text

The CSS property to change the color of the text to RYB 235, 228, 228 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(235, 228, 228) looks like.

```
.text, #text, p{  
    color:rgb(235, 228, 228)  
}
```

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(235, 228, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 228, 228) }
```

Border

The CSS property to change the border of an element to RYB 235, 228, 228 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(235, 228, 228) }
```

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

```
.border{ border-color:rgb(235, 228, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 228, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 228, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 228, 228);  
box-shadow:4px 4px 4px 4px rgb(235, 228,  
228) }
```

Background

The CSS property to change the background color of an element to RYB 235, 228, 228 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 228, 228) }
```

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

```
.background{ background-color: rgb(235,  
228, 228) }
```

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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