

Converting Colors

RGB(235, 228, 168)

Have a look what the booklet for
RGB(235, 228, 168) contains.

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Color

RGB(235, 228, 168)

Conversions

Conversions Part 1

Format	Color
Hex	EBE4A8
RGB	235, 228, 168
RGB Percent	92%, 89%, 66%
CMY	0.0784, 0.1059, 0.3412
CMYK	0.00, 0.03, 0.29, 0.08
HSL	54°, 63%, 79%
HSV	54°, 29%, 92%
XYZ	69.0722, 75.9761, 48.0702
YIQ	223.2530, 23.4320, -17.1760

Conversions

Conversions Part 2

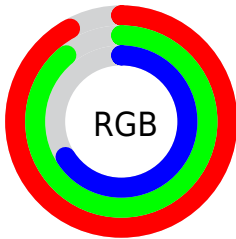
Format	Color
R_{YB}	176, 235, 168
Decimal	15459496
CIE _{Lab}	89.85, -6.71, 30.21
CIE _{LCh}	90, 30.945, 102.529
Yxy	75.9761, 0.3577, 0.3934
Android (android.graphics.Color)	4293649576 (0xFFE4A8)
YUV	223.2530, -27.2397, 10.3021
Hunter-Lab	87.1643, -11.0874, 28.3172

Details

The RGB color **235, 228, 168** is a light color, and the websafe version is hex **C9C999**. A complement of this color would be **168, 175, 235**, and the grayscale version is **223, 223, 223**.

A 20% lighter version of the original color is **255, 255, 224**, and **178, 173, 115** is the 20% darker color. If you saturate the color by 10%, you get **235, 226, 145**, and if you desaturate by 10%, it is **235, 230, 192**.

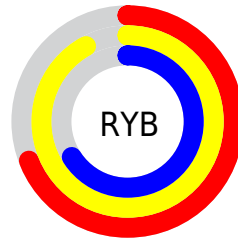
Distribution



Red (92%)

Green (89%)

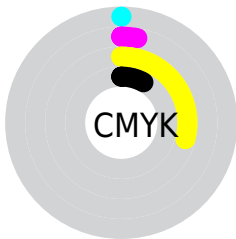
Blue (66%)



Red (69%)

Yellow (92%)

Blue (66%)

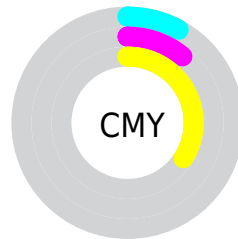


Cyan (0%)

Magenta (3%)

Yellow (29%)

Black (8%)



Cyan (8%)

Magenta (11%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the RGB color 235, 228, 168 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 235, 228, 168 by changing the saturation by 10% instead.

 235, 228, 168


255, 255, 255


 255, 255, 224


 255, 255, 252

 235, 228, 168

 206, 200, 141

 178, 173, 115

 151, 146, 90

 125, 121, 66

 99, 96, 43

 74, 72, 20

 51, 50, 0

 27, 29, 0

 0, 0, 0

 235, 228, 168

 235, 228, 168

 235, 226, 145

 235, 230, 192

 235, 223, 121

 235, 233, 215

 235, 221, 98


 235, 235, 238

 235, 218, 74

 235, 238, 255

 235, 216, 51

 235, 240, 255

 235, 213, 27

 235, 243, 255

 235, 211, 4

 235, 245, 255

 235, 210, 0

 235, 248, 255

 235, 250, 255

Harmonies

Analogous

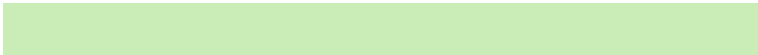
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



255, 218, 170



235, 228, 168



202, 236, 182

Triad

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



235, 228, 168



141, 240, 255



255, 206, 244

Complementary

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



235, 228, 168



168, 175, 235

Split Complementary

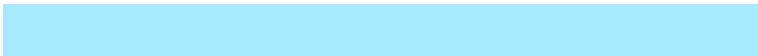
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



246, 214, 255



235, 228, 168



167, 234, 255

Square

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



235, 228, 168



144, 243, 238



207, 224, 255



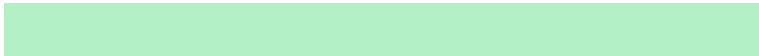
255, 205, 214

Rectangle

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



235, 228, 168



179, 240, 198



207, 224, 255



255, 209, 254

Sweetspot

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



235, 228, 168



255, 253, 232



235, 168, 176



128, 126, 113



0, 0, 0



128, 128, 128

Same Dimension

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



235, 228, 168



255, 246, 168



209, 235, 168



117, 116, 106



181, 162, 0



54, 48, 0

Inverse Universe

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



168, 175, 235



168, 177, 255



194, 168, 235



106, 107, 117



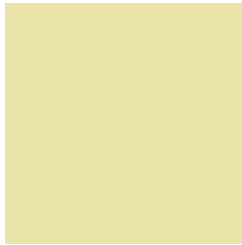
0, 19, 181



0, 6, 54

Previews

White Background



This preview shows how the RGB color 235, 228, 168 looks on a white background.

Color Contrast Check

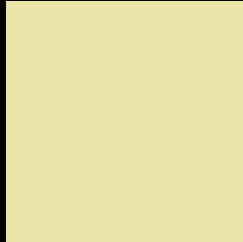
Large Text (above 18pt) WCAG AA × Fail

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 235, 228, 168 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

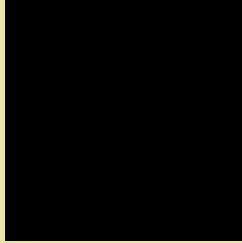
Any Text WCAG AA ✓ Pass

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 235, 228, 168 Background



This preview shows how black text looks on a background with the RGB color 235, 228, 168.



This preview shows how white text looks on a background with the RGB color 235, 228, 168.

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, 168

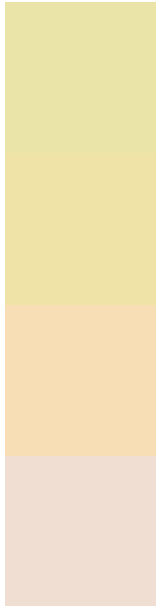
Protanopia
242, 226, 167

Deuteranopia
255, 219, 189



Tritanopia
243, 219, 236

Trichromacy



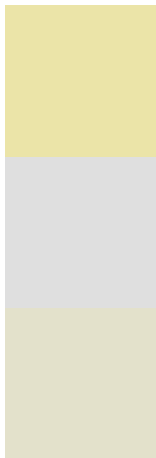
Original Color
235, 228, 168

Protanomaly
239, 227, 167

Deuteranomaly
248, 222, 181

Tritanomaly
240, 222, 211

Monochromacy



Original Color
235, 228, 168

Achromatopsia
223, 223, 223

Achromatomaly
227, 225, 203

CSS Examples

Text

The CSS property to change the color of the text to RGB 235, 228, 168 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, 168)` looks like.

```
.text, #text, p{  
    color:rgb(235, 228, 168)  
}
```

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, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 228, 168) }
```

Border

The CSS property to change the border of an element to RGB 235, 228, 168 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, 168) }
```

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

```
.border{ border-color:rgb(235, 228, 168) }
```

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, 168) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 228, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 228, 168);  
box-shadow:4px 4px 4px 4px rgb(235, 228,  
168) }
```

Background

The CSS property to change the background color of an element to RGB 235, 228, 168 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, 168) }
```

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

```
.background{ background-color: rgb(235,  
228, 168) }
```

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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