

Converting Colors

RGB(224, 230, 172)

Have a look what the booklet for
RGB(224, 230, 172) contains.

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Color

RGB(224, 230, 172)

Conversions

Conversions Part 1

Format	Color
Hex	E0E6AC
RGB	224, 230, 172
RGB Percent	88%, 90%, 67%
CMY	0.1216, 0.0980, 0.3255
CMYK	0.03, 0.00, 0.25, 0.10
HSL	66°, 54%, 79%
HSV	66°, 25%, 90%
XYZ	66.4837, 75.4195, 50.0831
YIQ	221.5940, 15.0420, -19.3100

Conversions

Conversions Part 2

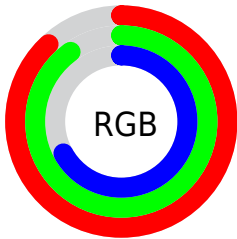
Format	Color
RYB	172, 230, 178
Decimal	14739116
CIELab	89.59, -11.28, 27.66
CIELCh	90, 29.877, 112.188
Yxy	75.4195, 0.3463, 0.3928
Android (android.graphics.Color)	4292929196 (0xFFE0E6AC)
YUV	221.5940, -24.4498, 2.1101
Hunter-Lab	86.8444, -15.3271, 26.5986

Details

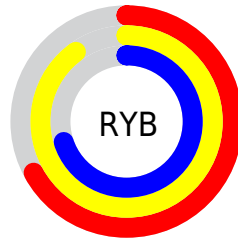
The RGB color **224, 230, 172** is a light color, and the websafe version is hex **C4C499**. A complement of this color would be **172, 172, 224**, and the grayscale version is **222, 222, 222**.

A 20% lighter version of the original color is **255, 255, 228**, and **168, 175, 119** is the 20% darker color. If you saturate the color by 10%, you get **222, 230, 149**, and if you desaturate by 10%, it is **226, 230, 195**.

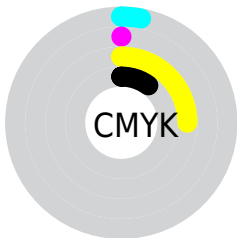
Distribution



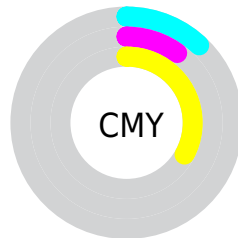
- Red (88%)
- Green (90%)
- Blue (67%)



- Red (67%)
- Yellow (90%)
- Blue (70%)



- Cyan (3%)
- Magenta (0%)
- Yellow (25%)
- Black (10%)



- Cyan (12%)
- Magenta (10%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the RGB color 224, 230, 172 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 224, 230, 172 by changing the saturation by 10% instead.

 224, 230, 172


255, 255, 255


 255, 255, 228

 224, 230, 172

 196, 202, 145

 168, 175, 119


 141, 148, 94

 115, 122, 70

 90, 97, 47

 66, 74, 24

 43, 51, 0

 21, 30, 0

 0, 0, 0

 224, 230, 172

 224, 230, 172

 222, 230, 149


 226, 230, 195

 219, 230, 126

 229, 230, 218

 217, 230, 103

 231, 230, 241

 214, 230, 80

 234, 230, 255

 212, 230, 57

 236, 230, 255

 210, 230, 34

 238, 230, 255

 207, 230, 11

 241, 230, 255

 206, 230, 0

 243, 230, 255

 245, 230, 255

Harmonies

Analogous

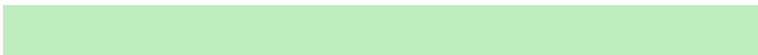
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



253, 221, 169



224, 230, 172



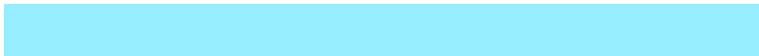
191, 237, 189

Triad

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



224, 230, 172



150, 237, 255



255, 205, 234

Complementary

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



224, 230, 172



178, 172, 230

Split Complementary

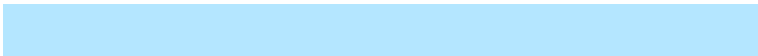
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 211, 255



224, 230, 172



180, 230, 255

Square

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



224, 230, 172



143, 241, 246



220, 220, 255



255, 205, 205

Rectangle

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



224, 230, 172



170, 240, 207



220, 220, 255



255, 207, 243

Sweetspot

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



224, 230, 172



253, 255, 235



230, 178, 172



126, 128, 115



0, 0, 0



128, 128, 128

Same Dimension

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



224, 230, 172



247, 255, 179



195, 230, 172



114, 115, 103



160, 179, 0



46, 51, 0

Inverse Universe

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



178, 172, 230



186, 179, 255



207, 172, 230



104, 103, 115



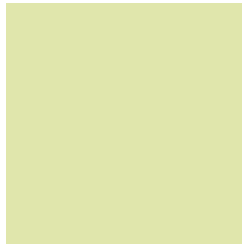
18, 0, 179



5, 0, 51

Previews

White Background



This preview shows how the RGB color 224, 230, 172 looks on a white background.

Color Contrast Check

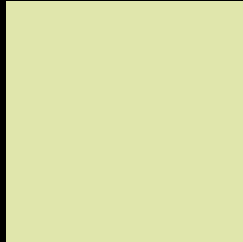
Large Text (above 18pt) WCAG AA × Fail

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 224, 230, 172 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

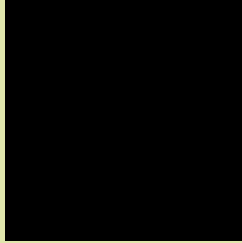
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

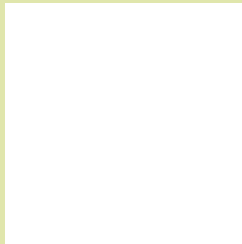
Any Text WCAG AAA ✓ Pass

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

RGB 224, 230, 172 Background



This preview shows how black text looks on a background with the RGB color 224, 230, 172.



This preview shows how white text looks on a background with the RGB color 224, 230, 172.

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](#).

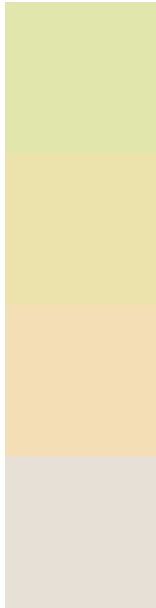
Dichromacy





Tritanopia
233, 221, 239

Trichromacy



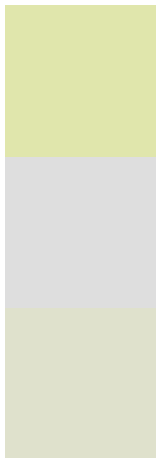
Original Color
224, 230, 172

Protanomaly
235, 227, 171

Deuteranomaly
244, 222, 182

Tritanomaly
230, 224, 215

Monochromacy



Original Color
224, 230, 172

Achromatopsia
222, 222, 222

Achromatomaly
223, 225, 204

CSS Examples

Text

The CSS property to change the color of the text to RGB 224, 230, 172 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(224, 230, 172)` looks like.

```
.text, #text, p{  
    color:rgb(224, 230, 172)  
}
```

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(224, 230, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 230, 172) }
```

Border

The CSS property to change the border of an element to RGB 224, 230, 172 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(224, 230, 172) }
```

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

```
.border{ border-color:rgb(224, 230, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 230, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 230, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 230, 172);  
box-shadow:4px 4px 4px 4px rgb(224, 230,  
172) }
```

Background

The CSS property to change the background color of an element to RGB 224, 230, 172 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 230, 172) }
```

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

```
.background{ background-color: rgb(224,  
230, 172) }
```

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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