

Converting Colors

RGB(228, 230, 172)

Have a look what the booklet for
RGB(228, 230, 172) contains.

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Color

RGB(228, 230, 172)

Conversions

Conversions Part 1

Format	Color
Hex	E4E6AC
RGB	228, 230, 172
RGB Percent	89%, 90%, 67%
CMY	0.1059, 0.0980, 0.3255
CMYK	0.01, 0.00, 0.25, 0.10
HSL	62°, 54%, 79%
HSV	62°, 25%, 90%
XYZ	67.7381, 76.0662, 50.1418
YIQ	222.7900, 17.4260, -18.4620

Conversions

Conversions Part 2

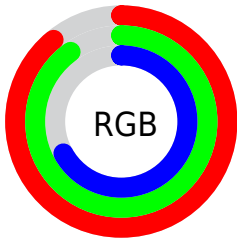
Format	Color
RYB	172, 230, 174
Decimal	15001260
CIELab	89.89, -9.81, 28.12
CIElCh	90, 29.784, 109.223
Yxy	76.0662, 0.3493, 0.3922
Android (android.graphics.Color)	4293191340 (0xFFE4E6AC)
YUV	222.7900, -25.0395, 4.5692
Hunter-Lab	87.2159, -13.9920, 26.9644

Details

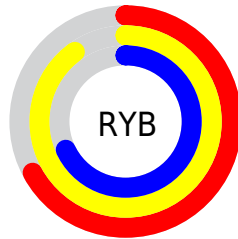
The RGB color **228, 230, 172** is a light color, and the websafe version is hex **C9C999**. A complement of this color would be **174, 172, 230**, and the grayscale version is **223, 223, 223**.

A 20% lighter version of the original color is **255, 255, 228**, and **172, 175, 119** is the 20% darker color. If you saturate the color by 10%, you get **227, 230, 149**, and if you desaturate by 10%, it is **229, 230, 195**.

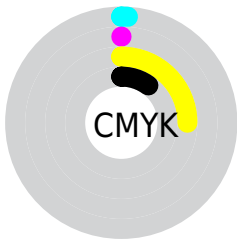
Distribution



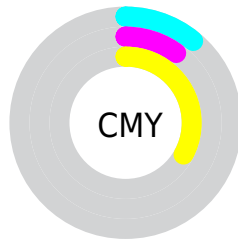
- Red (89%)
- Green (90%)
- Blue (67%)



- Red (67%)
- Yellow (90%)
- Blue (68%)



- Cyan (1%)
- Magenta (0%)
- Yellow (25%)
- Black (10%)



- Cyan (11%)
- Magenta (10%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the RGB color 228, 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 228, 230, 172 by changing the saturation by 10% instead.

■ 228, 230, 172

255, 255, 255

■ 255, 255, 228

■ 228, 230, 172

■ 200, 202, 145

■ 172, 175, 119

■ 145, 148, 94

■ 119, 122, 70

■ 93, 97, 47

■ 69, 74, 24

■ 46, 51, 0

■ 24, 30, 0

■ 0, 0, 0

 228, 230, 172

 228, 230, 172

 227, 230, 149

 229, 230, 195

 226, 230, 126


 230, 230, 218

 226, 230, 103

 230, 230, 241

 225, 230, 80

 231, 230, 255

 224, 230, 57

 232, 230, 255

 223, 230, 34

 233, 230, 255

 222, 230, 11

 234, 230, 255

 222, 230, 0

 234, 230, 255

 235, 230, 255

Harmonies

Analogous

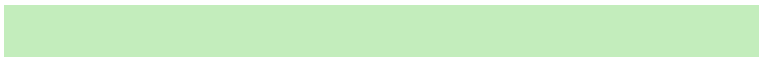
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



255, 221, 171



228, 230, 172



195, 237, 188

Triad

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



228, 230, 172



149, 239, 255



255, 206, 238

Complementary

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



228, 230, 172



174, 172, 230

Split Complementary

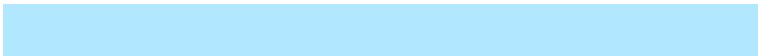
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



253, 213, 255



228, 230, 172



178, 232, 255

Square

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



228, 230, 172



145, 242, 244



217, 222, 255



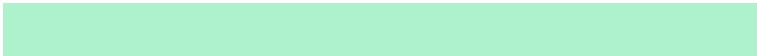
255, 206, 209

Rectangle

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



228, 230, 172



174, 241, 205



217, 222, 255



255, 208, 247

Sweetspot

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



228, 230, 172



254, 255, 235



230, 174, 172



127, 128, 115



0, 0, 0



128, 128, 128

Same Dimension

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



228, 230, 172



252, 255, 179



199, 230, 172



114, 115, 103



172, 179, 0



49, 51, 0

Inverse Universe

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



174, 172, 230



181, 179, 255



203, 172, 230



104, 103, 115



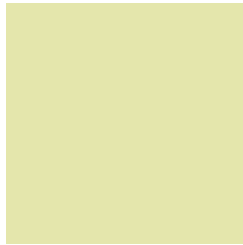
6, 0, 179



2, 0, 51

Previews

White Background



This preview shows how the RGB color 228, 230, 172 looks on a white background.

Color Contrast Check

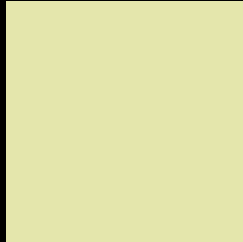
Large Text (above 18pt) WCAG AA × Fail

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 228, 230, 172 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

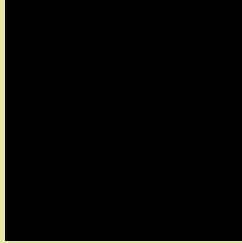
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

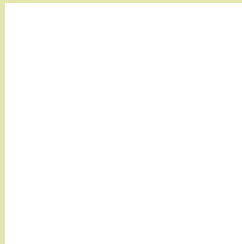
Any Text WCAG AAA ✓ Pass

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

RGB 228, 230, 172 Background



This preview shows how black text looks on a background with the RGB color 228, 230, 172.

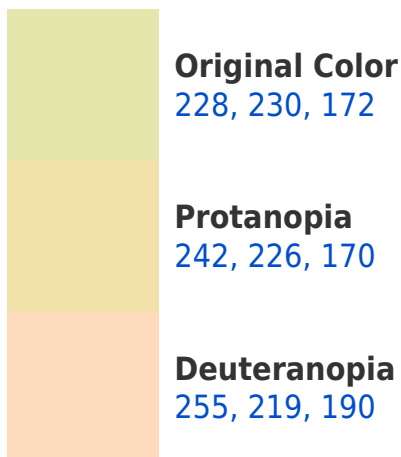


This preview shows how white text looks on a background with the RGB color 228, 230, 172.

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](#).

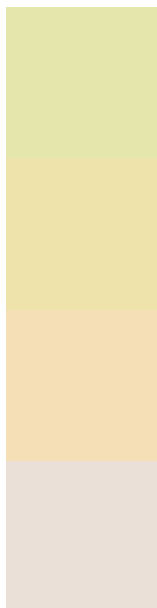
Dichromacy





Tritanopia
237, 221, 239

Trichromacy



Original Color

228, 230, 172

Protanomaly

237, 227, 171

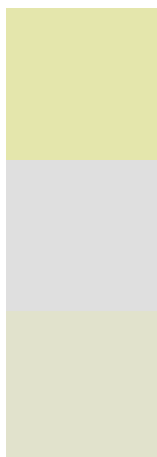
Deuteranomaly

245, 223, 183

Tritanomaly

234, 224, 215

Monochromacy



Original Color

228, 230, 172

Achromatopsia

223, 223, 223

Achromatomaly

225, 226, 204

CSS Examples

Text

The CSS property to change the color of the text to RGB 228, 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(228, 230, 172)` looks like.

```
.text, #text, p{  
    color:rgb(228, 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(228, 230, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 230, 172) }
```

Border

The CSS property to change the border of an element to RGB 228, 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(228, 230, 172) }
```

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

```
.border{ border-color:rgb(228, 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(228, 230, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(228, 230, 172); -webkit-box-shadow:4px 4px 4px 4px rgb(228, 230, 172); box-shadow:4px 4px 4px 4px rgb(228, 230, 172) }
```

Background

The CSS property to change the background color of an element to RGB 228, 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(228, 230, 172) }
```

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

```
.background{ background-color: rgb(228,  
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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