

Converting Colors

RGB(224, 237, 170)

Have a look what the booklet for
RGB(224, 237, 170) contains.

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Color

RGB(224, 237, 170)

Conversions

Conversions Part 1

Format	Color
Hex	E0EDAA
RGB	224, 237, 170
RGB Percent	88%, 93%, 67%
CMY	0.1216, 0.0706, 0.3333
CMYK	0.05, 0.00, 0.28, 0.07
HSL	72°, 65%, 80%
HSV	72°, 28%, 93%
XYZ	68.2804, 79.3179, 49.7413
YIQ	225.4750, 13.7590, -23.5930

Conversions

Conversions Part 2

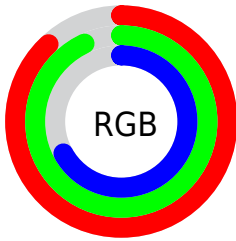
Format	Color
RYB	170, 237, 183
Decimal	14740906
CIELab	91.38, -15.03, 31.10
CIELCh	91, 34.542, 115.794
Yxy	79.3179, 0.3460, 0.4019
Android (android.graphics.Color)	4292930986 (0xFFE0EDAA)
YUV	225.4750, -27.3492, -1.2936
Hunter-Lab	89.0606, -19.0050, 29.2283

Details

The RGB color **224, 237, 170** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **183, 170, 237**, and the grayscale version is **226, 226, 226**.

A 20% lighter version of the original color is **255, 255, 226**, and **168, 181, 117** is the 20% darker color. If you saturate the color by 10%, you get **219, 237, 146**, and if you desaturate by 10%, it is **229, 237, 194**.

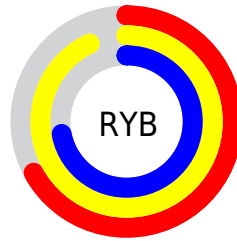
Distribution



Red (88%)

Green (93%)

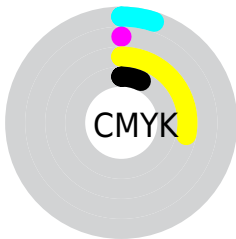
Blue (67%)



Red (67%)

Yellow (93%)

Blue (72%)

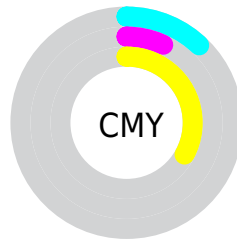


Cyan (5%)

Magenta (0%)

Yellow (28%)

Black (7%)



Cyan (12%)

Magenta (7%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the RGB color 224, 237, 170 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, 237, 170 by changing the saturation by 10% instead.

 224, 237, 170


255, 255, 255


 255, 255, 226

255, 255, 255

 224, 237, 170

 196, 209, 143

 168, 181, 117


 141, 154, 92

 115, 128, 68

 90, 103, 44

 65, 79, 21

 42, 56, 0

 19, 35, 0

 0, 9, 0

 224, 237, 170


 224, 237, 170

 219, 237, 146


 229, 237, 194

 215, 237, 123


 233, 237, 217

 210, 237, 99


 238, 237, 241

 206, 237, 75

 242, 237, 255

 201, 237, 51


 247, 237, 255

 196, 237, 28

 252, 237, 255

 192, 237, 4

 255, 237, 255

 191, 237, 0

Harmonies

Analogous

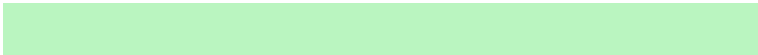
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



255, 227, 164



224, 237, 170



186, 245, 192

Triad

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



224, 237, 170



141, 244, 255



255, 206, 236

Complementary

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



224, 237, 170



183, 170, 237

Split Complementary

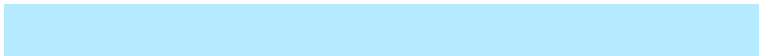
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 213, 255



224, 237, 170



182, 235, 255

Square

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



224, 237, 170



129, 248, 255



229, 223, 255



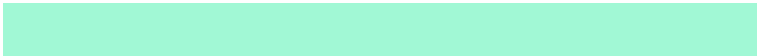
255, 208, 203

Rectangle

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



224, 237, 170



161, 248, 213



229, 223, 255



255, 208, 247

Sweetspot

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



224, 237, 170



251, 255, 235



237, 182, 170



125, 128, 115



0, 0, 0



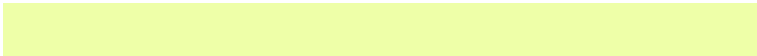
128, 128, 128

Same Dimension

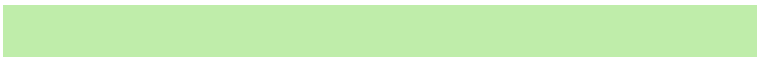
The Same Dimension uses a secret algorithm to generate beautiful new colors.



224, 237, 170



238, 255, 168



191, 237, 170



115, 117, 106



146, 181, 0



43, 54, 0

Inverse Universe

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



183, 170, 237



185, 168, 255



216, 170, 237



108, 106, 117



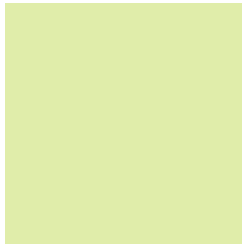
35, 0, 181



10, 0, 54

Previews

White Background



This preview shows how the RGB color 224, 237, 170 looks on a white background.

Color Contrast Check

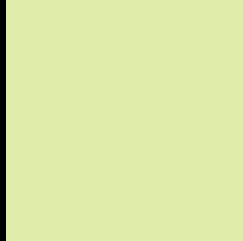
Large Text (above 18pt) WCAG AA × Fail

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, 237, 170 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

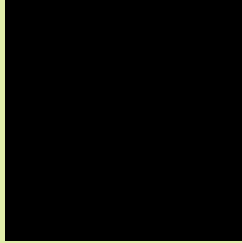
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

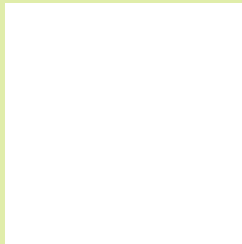
Any Text WCAG AAA ✓ Pass

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

RGB 224, 237, 170 Background



This preview shows how black text looks on a background with the RGB color 224, 237, 170.



This preview shows how white text looks on a background with the RGB color 224, 237, 170.

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

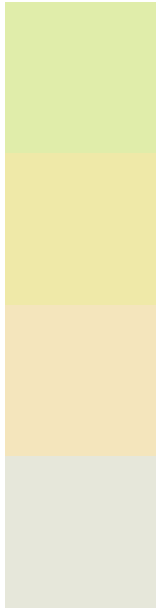




Tritanopia

234, 227, 245

Trichromacy



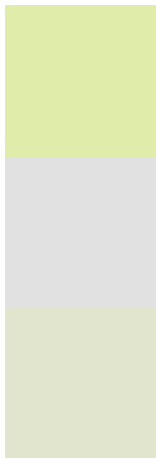
Original Color
224, 237, 170

Protanomaly
239, 233, 168

Deuteranomaly
244, 229, 188

Tritanomaly
230, 231, 218

Monochromacy



Original Color
224, 237, 170

Achromatopsia
225, 225, 225

Achromatomaly
225, 229, 205

CSS Examples

Text

The CSS property to change the color of the text to RGB 224, 237, 170 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, 237, 170)` looks like.

```
.text, #text, p{  
    color:rgb(224, 237, 170)  
}
```

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, 237, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 237, 170) }
```

Border

The CSS property to change the border of an element to RGB 224, 237, 170 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, 237, 170) }
```

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

```
.border{ border-color:rgb(224, 237, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 237, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(224, 237, 170); -webkit-box-shadow:4px 4px 4px 4px rgb(224, 237, 170); box-shadow:4px 4px 4px 4px rgb(224, 237, 170) }
```

Background

The CSS property to change the background color of an element to RGB 224, 237, 170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 237, 170) }
```

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

```
.background{ background-color: rgb(224,  
237, 170) }
```

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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