

Converting Colors

RGB(230, 238, 175)

Have a look what the booklet for
RGB(230, 238, 175) contains.

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Color

RGB(230, 238, 175)

Conversions

Conversions Part 1

Format	Color
Hex	E6EEAF
RGB	230, 238, 175
RGB Percent	90%, 93%, 69%
CMY	0.0980, 0.0667, 0.3137
CMYK	0.03, 0.00, 0.26, 0.07
HSL	68°, 65%, 81%
HSV	68°, 26%, 93%
XYZ	70.9455, 81.0672, 52.4657
YIQ	228.4260, 15.4550, -21.2890

Conversions

Conversions Part 2

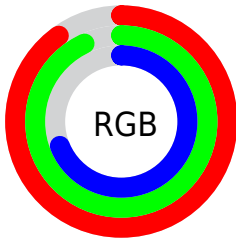
Format	Color
RYB	175, 238, 183
Decimal	15134383
CIELab	92.16, -12.66, 29.69
CIELCh	92, 32.275, 113.088
Yxy	81.0672, 0.3470, 0.3965
Android (android.graphics.Color)	4293324463 (0xFFE6EEAF)
YUV	228.4260, -26.3390, 1.3804
Hunter-Lab	90.0373, -16.9150, 28.4772

Details

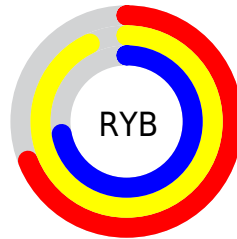
The RGB color **230, 238, 175** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **183, 175, 238**, and the grayscale version is **229, 229, 229**.

A 20% lighter version of the original color is **255, 255, 231**, and **174, 182, 122** is the 20% darker color. If you saturate the color by 10%, you get **227, 238, 151**, and if you desaturate by 10%, it is **233, 238, 199**.

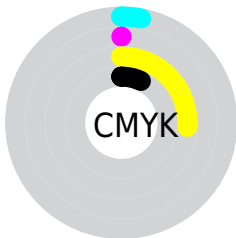
Distribution



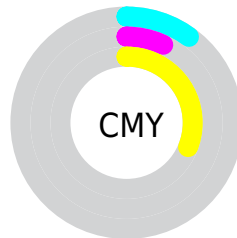
- Red (90%)
- Green (93%)
- Blue (69%)



- Red (69%)
- Yellow (93%)
- Blue (72%)



- Cyan (3%)
- Magenta (0%)
- Yellow (26%)
- Black (7%)



- Cyan (10%)
- Magenta (7%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the RGB color 230, 238, 175 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 230, 238, 175 by changing the saturation by 10% instead.

 230, 238, 175

255, 255, 255


 255, 255, 231

 230, 238, 175


 202, 210, 148

 174, 182, 122

 147, 155, 97

 121, 129, 72

 95, 104, 49

 71, 80, 26

 47, 57, 2

 25, 36, 0

 0, 14, 0

 230, 238, 175

 230, 238, 175

 227, 238, 151


 233, 238, 199

 224, 238, 127

 236, 238, 223

 221, 238, 104

 239, 238, 246

 218, 238, 80

 242, 238, 255

 215, 238, 56

 245, 238, 255

 212, 238, 32

 248, 238, 255

 209, 238, 8

 251, 238, 255

 208, 238, 0

 254, 238, 255

 255, 238, 255

Harmonies

Analogous

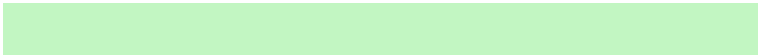
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



255, 228, 171



230, 238, 175



194, 246, 194

Triad

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



230, 238, 175



150, 246, 255



255, 211, 241

Complementary

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



230, 238, 175



183, 175, 238

Split Complementary

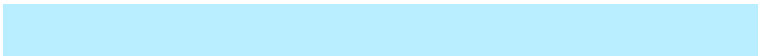
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 217, 255



230, 238, 175



184, 238, 255

Square

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



230, 238, 175



141, 250, 255



228, 227, 255



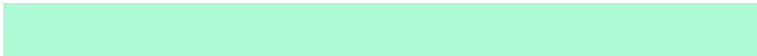
255, 211, 210

Rectangle

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



230, 238, 175



171, 249, 213



228, 227, 255



255, 212, 251

Sweetspot

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



230, 238, 175



252, 255, 235



238, 182, 175



126, 128, 115



0, 0, 0



128, 128, 128

Same Dimension

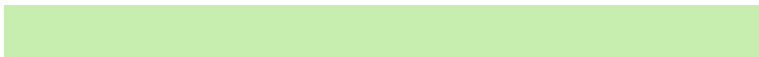
The Same Dimension uses a secret algorithm to generate beautiful new colors.



230, 238, 175



245, 255, 173



199, 238, 175



118, 120, 108



160, 184, 0



49, 56, 0

Inverse Universe

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



183, 175, 238



184, 173, 255



214, 175, 238



109, 108, 120



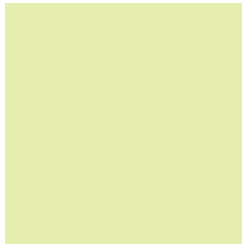
23, 0, 184



7, 0, 56

Previews

White Background



This preview shows how the RGB color 230, 238, 175 looks on a white background.

Color Contrast Check

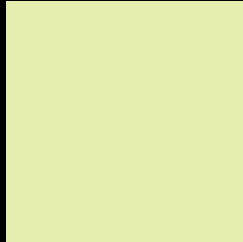
Large Text (above 18pt) WCAG AA × Fail

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 230, 238, 175 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

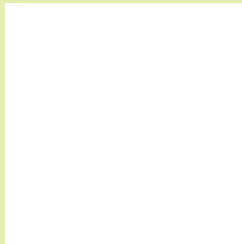
Any Text WCAG AAA ✓ Pass

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

RGB 230, 238, 175 Background



This preview shows how black text looks on a background with the RGB color 230, 238, 175.

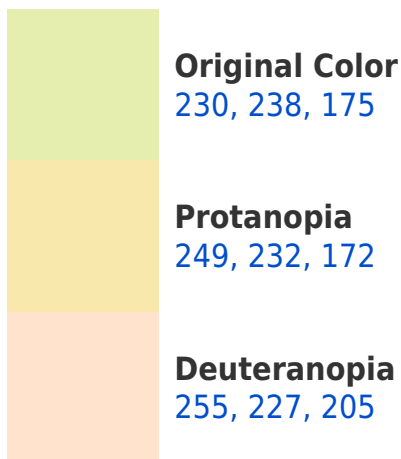


This preview shows how white text looks on a background with the RGB color 230, 238, 175.

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

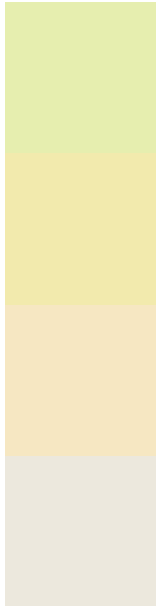




Tritanopia

239, 229, 247

Trichromacy



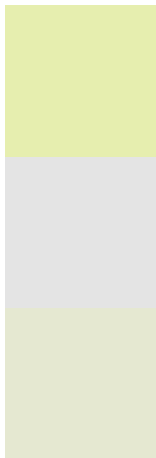
Original Color
230, 238, 175

Protanomaly
242, 234, 173

Deuteranomaly
246, 231, 194

Tritanomaly
236, 232, 221

Monochromacy



Original Color
230, 238, 175

Achromatopsia
228, 228, 228

Achromatomaly
229, 232, 209

CSS Examples

Text

The CSS property to change the color of the text to RGB 230, 238, 175 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(230, 238, 175)` looks like.

```
.text, #text, p{  
    color:rgb(230, 238, 175)  
}
```

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(230, 238, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 238, 175) }
```

Border

The CSS property to change the border of an element to RGB 230, 238, 175 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(230, 238, 175) }
```

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

```
.border{ border-color:rgb(230, 238, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 238, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 238, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 238, 175);  
box-shadow:4px 4px 4px 4px rgb(230, 238,  
175) }
```

Background

The CSS property to change the background color of an element to RGB 230, 238, 175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 238, 175) }
```

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

```
.background{ background-color: rgb(230,  
238, 175) }
```

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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