

Converting Colors

RGB(231, 250, 227)

Have a look what the booklet for
RGB(231, 250, 227) contains.

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Color

RGB(231, 250, 227)

Conversions

Conversions Part 1

Format	Color
Hex	E7FAE3
RGB	231, 250, 227
RGB Percent	91%, 98%, 89%
CMY	0.0941, 0.0196, 0.1098
CMYK	0.08, 0.00, 0.09, 0.02
HSL	110°, 70%, 94%
HSV	110°, 9%, 98%
XYZ	81.0057, 90.9062, 85.9502
YIQ	241.6970, -3.9410, -11.1810

Conversions

Conversions Part 2

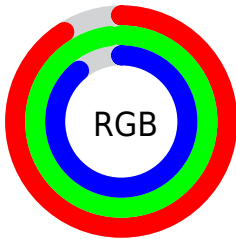
Format	Color
R_{YB}	227, 250, 246
Decimal	15203043
CIE _{Lab}	96.37, -10.30, 8.91
CIE _{LCh}	96, 13.619, 139.165
Yxy	90.9062, 0.3141, 0.3525
Android (android.graphics.Color)	4293393123 (0xFFE7FAE3)
YUV	241.6970, -7.2456, -9.3813
Hunter-Lab	95.3447, -15.1981, 13.2933

Details

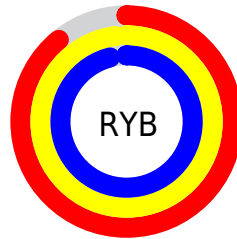
The RGB color **231, 250, 227** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **246, 227, 250**, and the grayscale version is **242, 242, 242**.

A 20% lighter version of the original color is **255, 255, 255**, and **175, 194, 172** is the 20% darker color. If you saturate the color by 10%, you get **210, 250, 202**, and if you desaturate by 10%, it is **252, 250, 252**.

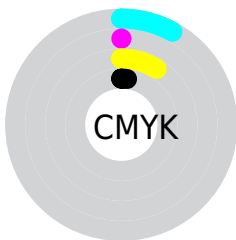
Distribution



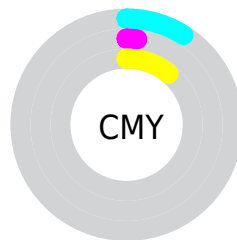
- Red (91%)
- Green (98%)
- Blue (89%)



- Red (89%)
- Yellow (98%)
- Blue (96%)



- Cyan (8%)
- Magenta (0%)
- Yellow (9%)
- Black (2%)




- Cyan (9%)
- Magenta (2%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the RGB color 231, 250, 227 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 231, 250, 227 by changing the saturation by 10% instead.

 231, 250, 227

255, 255, 255


 231, 250, 227

 203, 221, 199


 175, 194, 172

 149, 166, 145

 123, 140, 119

 98, 114, 95

 74, 90, 71

 51, 66, 49

 30, 44, 28

 7, 24, 1

 231, 250, 227

 231, 250, 227

 210, 250, 202

 252, 250, 252

 190, 250, 177

 255, 250, 255

 169, 250, 152


 148, 250, 127

 128, 250, 102

 107, 250, 77

 86, 250, 52

 66, 250, 27

 45, 250, 2

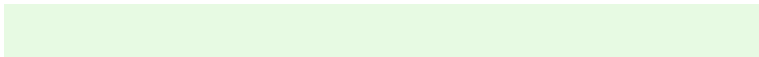
Harmonies

Analogous

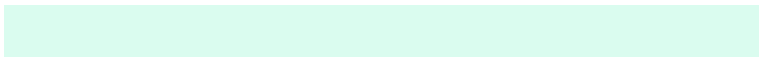
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



246, 246, 220



231, 250, 227



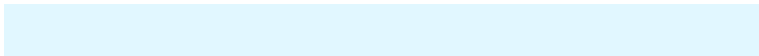
218, 252, 239

Triad

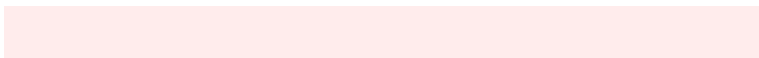
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



231, 250, 227



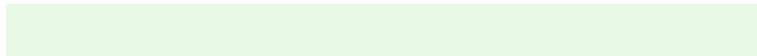
225, 247, 255



255, 236, 236

Complementary

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



231, 250, 227



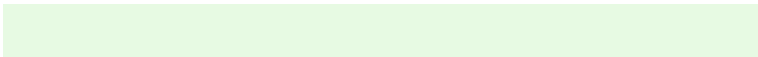
246, 227, 250

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, 236, 250



231, 250, 227



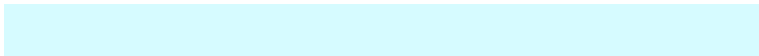
241, 243, 255

Square

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



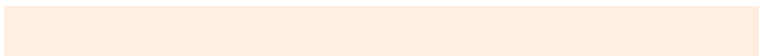
231, 250, 227



214, 251, 255



255, 239, 255



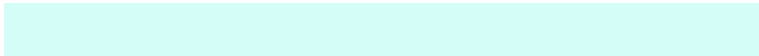
255, 238, 225

Rectangle

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



231, 250, 227



213, 253, 248



255, 239, 255



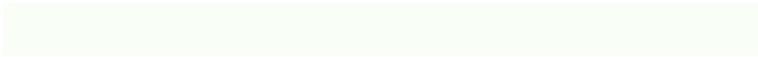
255, 236, 241

Sweetspot

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



231, 250, 227



249, 255, 247



250, 246, 227



123, 128, 122



0, 0, 0



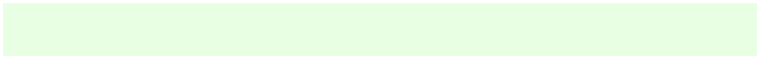
128, 128, 128

Same Dimension

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



231, 250, 227



232, 255, 227



227, 250, 234



115, 125, 112



33, 189, 0



11, 61, 0

Inverse Universe

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



246, 227, 250



250, 227, 255



250, 227, 243



123, 112, 125



156, 0, 189



51, 0, 61

Previews

White Background



This preview shows how the RGB color 231, 250, 227 looks on a white background.

Color Contrast Check

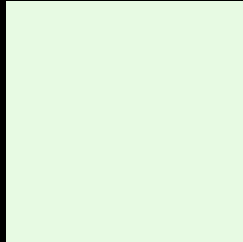
Large Text (above 18pt) WCAG AA × Fail

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 231, 250, 227 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

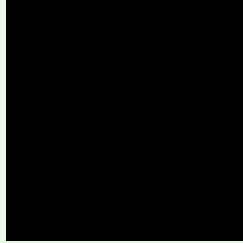
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

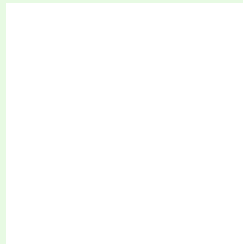
Any Text WCAG AAA ✓ Pass

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

RGB 231, 250, 227 Background



This preview shows how black text looks on a background with the RGB color 231, 250, 227.

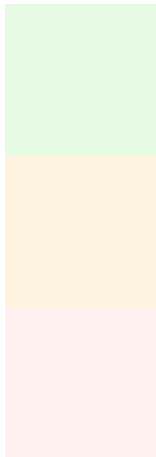


This preview shows how white text looks on a background with the RGB color 231, 250, 227.

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
231, 250, 227

Protanopia
253, 243, 223

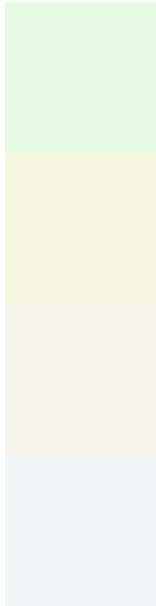
Deuteranopia
255, 241, 239



Tritanopia

240, 244, 255

Trichromacy



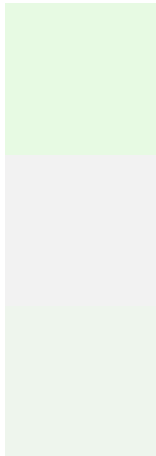
Original Color
231, 250, 227

Protanomaly
245, 246, 224

Deuteranomaly
246, 244, 235

Tritanomaly
237, 246, 245

Monochromacy



Original Color
231, 250, 227

Achromatopsia
242, 242, 242

Achromatomaly
238, 245, 237

CSS Examples

Text

The CSS property to change the color of the text to RGB 231, 250, 227 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(231, 250, 227)` looks like.

```
.text, #text, p{  
    color:rgb(231, 250, 227)  
}
```

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(231, 250, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 250, 227) }
```

Border

The CSS property to change the border of an element to RGB 231, 250, 227 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(231, 250, 227) }
```

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

```
.border{ border-color:rgb(231, 250, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 250, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 250, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 250, 227);  
box-shadow:4px 4px 4px 4px rgb(231, 250,  
227) }
```

Background

The CSS property to change the background color of an element to RGB 231, 250, 227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 250, 227) }
```

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

```
.background{ background-color: rgb(231,  
250, 227) }
```

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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