

Converting Colors

RGB(227, 231, 203)

Have a look what the booklet for
RGB(227, 231, 203) contains.

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Color

RGB(227, 231, 203)

Conversions

Conversions Part 1

Format	Color
Hex	E3E7CB
RGB	227, 231, 203
RGB Percent	89%, 91%, 80%
CMY	0.1098, 0.0941, 0.2039
CMYK	0.02, 0.00, 0.12, 0.09
HSL	69°, 37%, 85%
HSV	69°, 12%, 91%
XYZ	71.0340, 77.7945, 67.7719
YIQ	226.6120, 6.6040, -9.5560

Conversions

Conversions Part 2

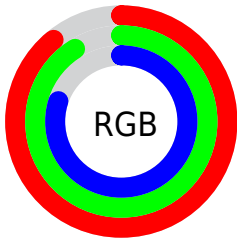
Format	Color
RYB	203, 231, 207
Decimal	14936011
CIELab	90.69, -6.11, 13.18
CIELCh	91, 14.525, 114.866
Yxy	77.7945, 0.3279, 0.3592
Android (android.graphics.Color)	4293126091 (0xFFE3E7CB)
YUV	226.6120, -11.6407, 0.3403
Hunter-Lab	88.2012, -10.5949, 16.1837

Details

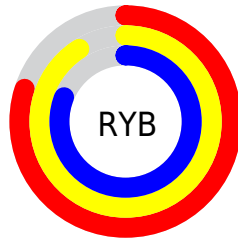
The RGB color **227, 231, 203** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **207, 203, 231**, and the grayscale version is **227, 227, 227**.

A 20% lighter version of the original color is 255, 255, 255, and **172, 175, 149** is the 20% darker color. If you saturate the color by 10%, you get **224, 231, 180**, and if you desaturate by 10%, it is **230, 231, 226**.

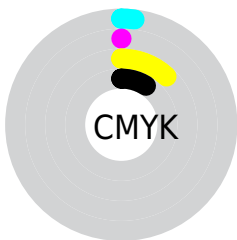
Distribution



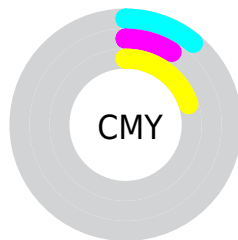
- Red (89%)
- Green (91%)
- Blue (80%)



- Red (80%)
- Yellow (91%)
- Blue (81%)



- Cyan (2%)
- Magenta (0%)
- Yellow (12%)
- Black (9%)



- Cyan (11%)
- Magenta (9%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the RGB color 227, 231, 203 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 227, 231, 203 by changing the saturation by 10% instead.

■ 227, 231, 203

255, 255, 255

■ 227, 231, 203

■ 199, 203, 176

■ 172, 175, 149

■ 145, 149, 123

■ 119, 123, 98

■ 94, 98, 74

■ 71, 74, 52

■ 48, 52, 30

■ 28, 31, 6

■ 0, 5, 0

 227, 231, 203

 227, 231, 203

 224, 231, 180

 230, 231, 226

 220, 231, 157


 234, 231, 249

 217, 231, 134

 237, 231, 255

 214, 231, 111

 240, 231, 255

 210, 231, 88


 244, 231, 255

 207, 231, 64

 247, 231, 255

 204, 231, 41

 250, 231, 255

 201, 231, 18

 253, 231, 255

 198, 231, 0

 255, 231, 255

Harmonies

Analogous

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



242, 226, 201



227, 231, 203



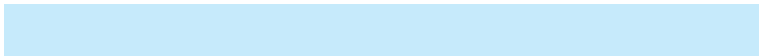
211, 235, 212

Triad

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



227, 231, 203



198, 234, 251



255, 219, 231

Complementary

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



227, 231, 203



207, 203, 231

Split Complementary

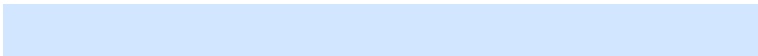
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



244, 221, 244



227, 231, 203



211, 230, 255

Square

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



227, 231, 203



193, 236, 239



228, 226, 253



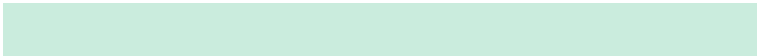
255, 219, 217

Rectangle

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



227, 231, 203



202, 236, 221



228, 226, 253



252, 220, 236

Sweetspot

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



227, 231, 203



254, 255, 245



231, 207, 203



127, 128, 121



0, 0, 0



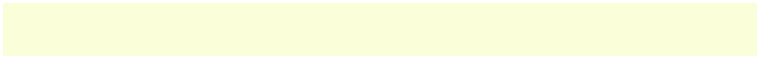
128, 128, 128

Same Dimension

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



227, 231, 203



250, 255, 217



213, 231, 203



113, 115, 103



153, 179, 0



44, 51, 0

Inverse Universe

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



207, 203, 231



222, 217, 255



221, 203, 231



105, 103, 115



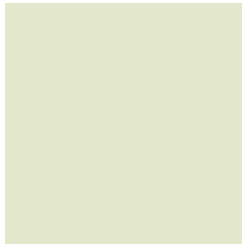
26, 0, 179



7, 0, 51

Previews

White Background



This preview shows how the RGB color 227, 231, 203 looks on a white background.

Color Contrast Check

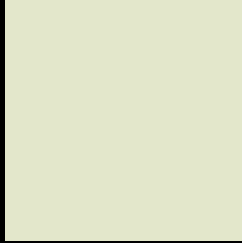
Large Text (above 18pt) WCAG AA × Fail

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 227, 231, 203 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

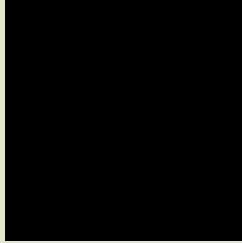
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

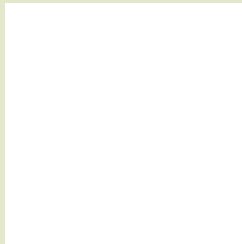
Any Text WCAG AAA ✓ Pass

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

RGB 227, 231, 203 Background



This preview shows how black text looks on a background with the RGB color 227, 231, 203.



This preview shows how white text looks on a background with the RGB color 227, 231, 203.

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

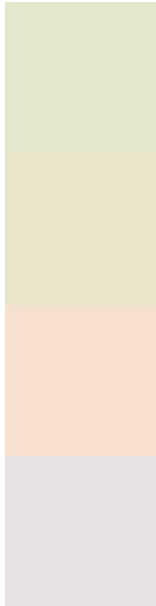




Tritanopia

233, 225, 243

Trichromacy



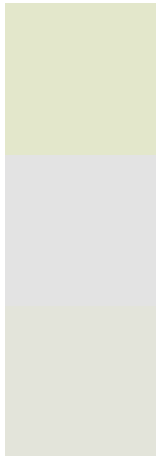
Original Color
227, 231, 203

Protanomaly
234, 228, 202

Deuteranomaly
245, 225, 206

Tritanomaly
231, 227, 228

Monochromacy



Original Color
227, 231, 203

Achromatopsia
227, 227, 227

Achromatomaly
227, 228, 218

CSS Examples

Text

The CSS property to change the color of the text to RGB 227, 231, 203 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(227, 231, 203)` looks like.

```
.text, #text, p{  
    color:rgb(227, 231, 203)  
}
```

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(227, 231, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 231, 203) }
```

Border

The CSS property to change the border of an element to RGB 227, 231, 203 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(227, 231, 203) }
```

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

```
.border{ border-color:rgb(227, 231, 203) }
```

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

Here you see how a box with a 4 pixel rgb(227, 231, 203) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 231, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 231, 203);  
box-shadow:4px 4px 4px 4px rgb(227, 231,  
203) }
```

Background

The CSS property to change the background color of an element to RGB 227, 231, 203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 231, 203) }
```

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

```
.background{ background-color: rgb(227,  
231, 203) }
```

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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