

Converting Colors

RGB(219, 235, 161)

Have a look what the booklet for
RGB(219, 235, 161) contains.

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Color

RGB(219, 235, 161)

Conversions

Conversions Part 1

Format	Color
Hex	DBEBA1
RGB	219, 235, 161
RGB Percent	86%, 92%, 63%
CMY	0.1412, 0.0784, 0.3686
CMYK	0.07, 0.00, 0.31, 0.08
HSL	73°, 65%, 78%
HSV	73°, 31%, 92%
XYZ	65.3548, 77.0499, 45.1458
YIQ	221.7800, 14.2180, -26.4060

Conversions

Conversions Part 2

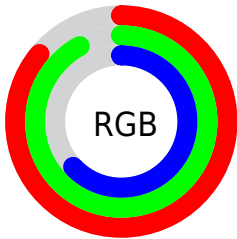
Format	Color
RYB	161, 235, 177
Decimal	14412705
CIELab	90.34, -17.07, 34.22
CIElCh	90, 38.237, 116.508
Yxy	77.0499, 0.3485, 0.4108
Android (android.graphics.Color)	4292602785 (0xFFDBEBA1)
YUV	221.7800, -29.9645, -2.4381
Hunter-Lab	87.7781, -20.7103, 30.9508

Details

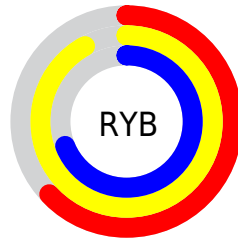
The RGB color **219, 235, 161** is a light color, and the websafe version is hex **C9C999**. A complement of this color would be **177, 161, 235**, and the grayscale version is **222, 222, 222**.

A 20% lighter version of the original color is **255, 255, 216**, and **163, 179, 109** is the 20% darker color. If you saturate the color by 10%, you get **214, 235, 138**, and if you desaturate by 10%, it is **224, 235, 184**.

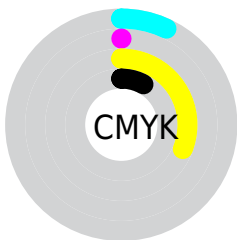
Distribution



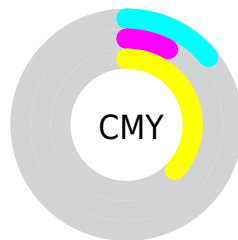
- Red (86%)
- Green (92%)
- Blue (63%)



- Red (63%)
- Yellow (92%)
- Blue (69%)



- Cyan (7%)
- Magenta (0%)
- Yellow (31%)
- Black (8%)



- Cyan (14%)
- Magenta (8%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the RGB color 219, 235, 161 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 219, 235, 161 by changing the saturation by 10% instead.


 219, 235, 161

255, 255, 255


 255, 255, 216

 255, 255, 245

 219, 235, 161

 191, 207, 134

 163, 179, 109


 136, 152, 84

 110, 127, 59

 85, 102, 36

 60, 78, 11

 38, 55, 0

 12, 33, 0

 0, 2, 0

 219, 235, 161


 219, 235, 161

 214, 235, 138

 224, 235, 184

 209, 235, 114

 229, 235, 208

 204, 235, 90


 234, 235, 232

 199, 235, 67

 239, 235, 255

 194, 235, 43

 244, 235, 255

 189, 235, 20

 249, 235, 255

 184, 235, 0

 255, 235, 255

 255, 235, 255

Harmonies

Analogous

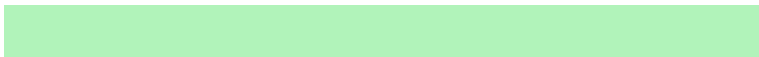
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



255, 224, 154



219, 235, 161



177, 243, 186

Triad

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



219, 235, 161



123, 242, 255



255, 200, 233

Complementary

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



219, 235, 161



177, 161, 235

Split Complementary

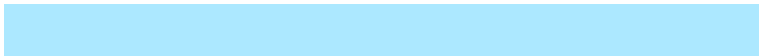
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 207, 255



219, 235, 161



172, 232, 255

Square

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



219, 235, 161



108, 247, 255



227, 219, 255



255, 202, 196

Rectangle

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



219, 235, 161



148, 246, 209



227, 219, 255



255, 202, 245

Sweetspot

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



219, 235, 161



250, 255, 232



235, 176, 161



124, 128, 113



0, 0, 0



128, 128, 128

Same Dimension

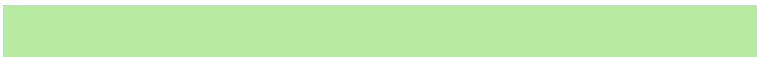
The Same Dimension uses a secret algorithm to generate beautiful new colors.



219, 235, 161



234, 255, 158



183, 235, 161



115, 117, 106



142, 181, 0



42, 54, 0

Inverse Universe

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



177, 161, 235



179, 158, 255



213, 161, 235



108, 106, 117



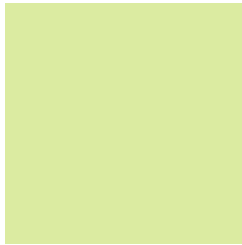
39, 0, 181



12, 0, 54

Previews

White Background



This preview shows how the RGB color 219, 235, 161 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 219, 235, 161 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

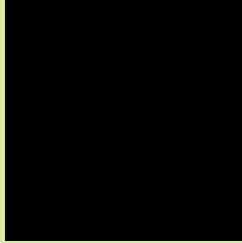
Any Text WCAG AA ✓ Pass

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 219, 235, 161 Background



This preview shows how black text looks on a background with the RGB color 219, 235, 161.

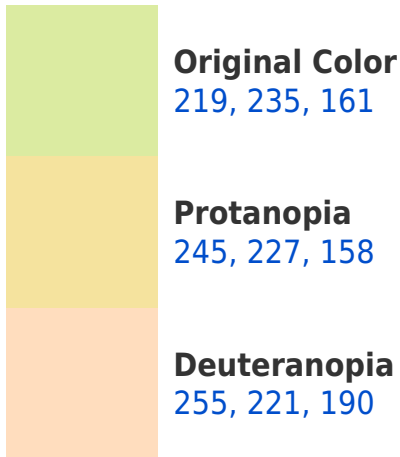


This preview shows how white text looks on a background with the RGB color 219, 235, 161.

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](#).

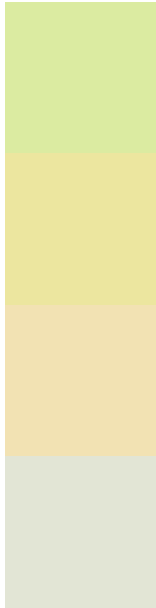
Dichromacy





Tritanopia
230, 225, 242

Trichromacy



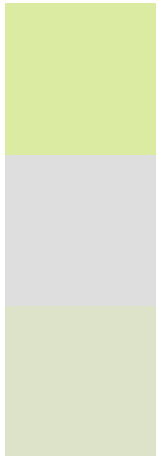
Original Color
219, 235, 161

Protanomaly
236, 230, 159

Deuteranomaly
242, 226, 179

Tritanomaly
226, 229, 213

Monochromacy



Original Color
219, 235, 161

Achromatopsia
222, 222, 222

Achromatomaly
221, 227, 200

CSS Examples

Text

The CSS property to change the color of the text to RGB 219, 235, 161 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(219, 235, 161)` looks like.

```
.text, #text, p{  
    color:rgb(219, 235, 161)  
}
```

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(219, 235, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 235, 161) }
```

Border

The CSS property to change the border of an element to RGB 219, 235, 161 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(219, 235, 161) }
```

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

```
.border{ border-color:rgb(219, 235, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 235, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(219, 235, 161); -webkit-box-shadow:4px 4px 4px 4px rgb(219, 235, 161); box-shadow:4px 4px 4px 4px rgb(219, 235, 161) }
```

Background

The CSS property to change the background color of an element to RGB 219, 235, 161 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 235, 161) }
```

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

```
.background{ background-color: rgb(219,  
235, 161) }
```

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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