

Converting Colors

RGB(218, 231, 181)

Have a look what the booklet for
RGB(218, 231, 181) contains.

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Color

RGB(218, 231, 181)

Conversions

Conversions Part 1

Format	Color
Hex	DAE7B5
RGB	218, 231, 181
RGB Percent	85%, 91%, 71%
CMY	0.1451, 0.0941, 0.2902
CMYK	0.06, 0.00, 0.22, 0.09
HSL	76°, 51%, 81%
HSV	76°, 22%, 91%
XYZ	65.8298, 75.3934, 54.7989
YIQ	221.4130, 8.3020, -18.3060

Conversions

Conversions Part 2

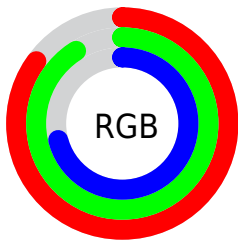
Format	Color
RYB	181, 231, 194
Decimal	14346165
CIELab	89.58, -12.69, 22.94
CIELCh	90, 26.218, 118.949
Yxy	75.3934, 0.3358, 0.3846
Android (android.graphics.Color)	4292536245 (0xFFDAE7B5)
YUV	221.4130, -19.9236, -2.9932
Hunter-Lab	86.8294, -16.6214, 23.3621

Details

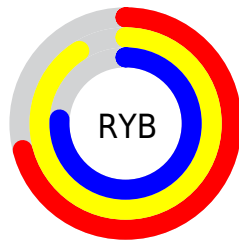
The RGB color **218, 231, 181** is a light color, and the websafe version is hex **C9C999**. A complement of this color would be **194, 181, 231**, and the grayscale version is **222, 222, 222**.

A 20% lighter version of the original color is **255, 255, 237**, and **163, 175, 128** is the 20% darker color. If you saturate the color by 10%, you get **212, 231, 158**, and if you desaturate by 10%, it is **224, 231, 204**.

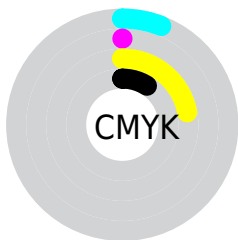
Distribution



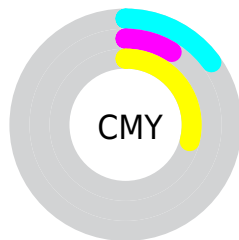
- Red (85%)
- Green (91%)
- Blue (71%)



- Red (71%)
- Yellow (91%)
- Blue (76%)



- Cyan (6%)
- Magenta (0%)
- Yellow (22%)
- Black (9%)



- Cyan (15%)
- Magenta (9%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the RGB color 218, 231, 181 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 218, 231, 181 by changing the saturation by 10% instead.

 218, 231, 181

255, 255, 255


 255, 255, 237

 218, 231, 181

 190, 203, 154

 163, 175, 128

 136, 149, 103

 111, 123, 78

 86, 98, 55

 62, 74, 33

 39, 52, 11

 18, 31, 0

 0, 0, 0

 218, 231, 181

 218, 231, 181

 212, 231, 158


 224, 231, 204

 206, 231, 135


 230, 231, 227

 200, 231, 112

 236, 231, 250

 194, 231, 89


 242, 231, 255

 188, 231, 66

 248, 231, 255

 182, 231, 42

 254, 231, 255

 176, 231, 19

 255, 231, 255

 171, 231, 0

Harmonies

Analogous

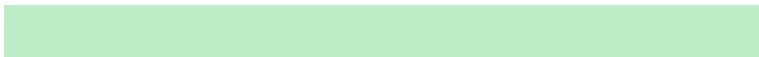
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



245, 223, 175



218, 231, 181



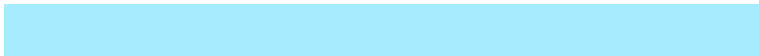
189, 237, 199

Triad

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



218, 231, 181



166, 235, 255



255, 207, 227

Complementary

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



218, 231, 181



194, 181, 231

Split Complementary

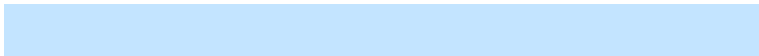
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 211, 251



218, 231, 181



195, 228, 255

Square

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



218, 231, 181



155, 239, 248



228, 219, 255



255, 209, 202

Rectangle

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



218, 231, 181



172, 239, 215



228, 219, 255



255, 208, 236

Sweetspot

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



218, 231, 181



251, 255, 240



231, 194, 181



125, 128, 119



0, 0, 0



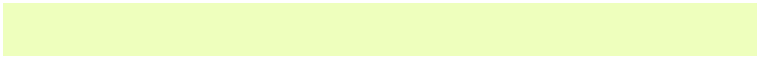
128, 128, 128

Same Dimension

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



218, 231, 181



238, 255, 189



194, 231, 181



112, 115, 103



132, 179, 0



38, 51, 0

Inverse Universe

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



194, 181, 231



206, 189, 255



219, 181, 231



106, 103, 115



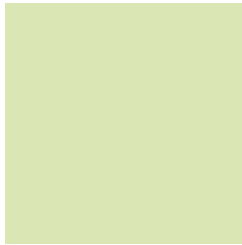
46, 0, 179



13, 0, 51

Previews

White Background



This preview shows how the RGB color 218, 231, 181 looks on a white background.

Color Contrast Check

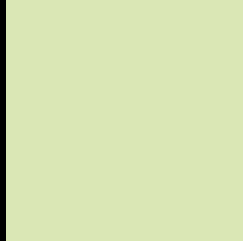
Large Text (above 18pt) WCAG AA × Fail

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 218, 231, 181 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

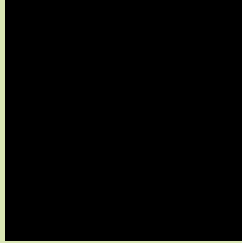
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

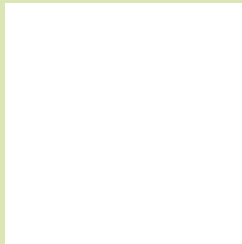
Any Text WCAG AAA ✓ Pass

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

RGB 218, 231, 181 Background



This preview shows how black text looks on a background with the RGB color 218, 231, 181.



This preview shows how white text looks on a background with the RGB color 218, 231, 181.

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](#).

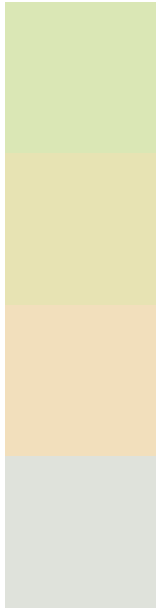
Dichromacy





Tritanopia
226, 223, 241

Trichromacy



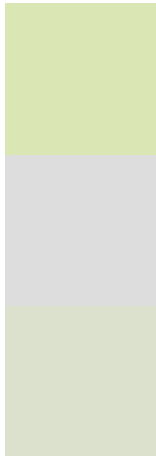
Original Color
218, 231, 181

Protanomaly
231, 227, 179

Deuteranomaly
242, 223, 188

Tritanomaly
223, 226, 219

Monochromacy



Original Color
218, 231, 181

Achromatopsia
221, 221, 221

Achromatomaly
220, 225, 206

CSS Examples

Text

The CSS property to change the color of the text to RGB 218, 231, 181 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(218, 231, 181)` looks like.

```
.text, #text, p{  
    color:rgb(218, 231, 181)  
}
```

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(218, 231, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 231, 181) }
```

Border

The CSS property to change the border of an element to RGB 218, 231, 181 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(218, 231, 181) }
```

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

```
.border{ border-color:rgb(218, 231, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 231, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 231, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 231, 181);  
box-shadow:4px 4px 4px 4px rgb(218, 231,  
181) }
```

Background

The CSS property to change the background color of an element to RGB 218, 231, 181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 231, 181) }
```

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

```
.background{ background-color: rgb(218,  
231, 181) }
```

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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