

Converting Colors

RGB(218, 239, 190)

Have a look what the booklet for
RGB(218, 239, 190) contains.

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Color

RGB(218, 239, 190)

Conversions

Conversions Part 1

Format	Color
Hex	DAEFBE
RGB	218, 239, 190
RGB Percent	85%, 94%, 75%
CMY	0.1451, 0.0627, 0.2549
CMYK	0.09, 0.00, 0.21, 0.06
HSL	86°, 60%, 84%
HSV	86°, 21%, 94%
XYZ	69.0742, 80.3561, 60.5849
YIQ	227.1350, 3.2130, -19.6910

Conversions

Conversions Part 2

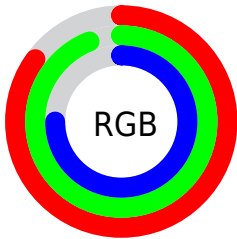
Format	Color
RYB	190, 239, 211
Decimal	14348222
CIELab	91.84, -15.31, 21.44
CIELCh	92, 26.346, 125.536
Yxy	80.3561, 0.3289, 0.3826
Android (android.graphics.Color)	4292538302 (0xFFDAEFBE)
YUV	227.1350, -18.3076, -8.0114
Hunter-Lab	89.6416, -19.3278, 22.6776

Details

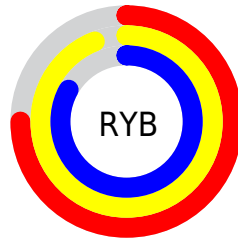
The RGB color **218, 239, 190** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **211, 190, 239**, and the grayscale version is **227, 227, 227**.

A 20% lighter version of the original color is **255, 255, 246**, and **163, 183, 136** is the 20% darker color. If you saturate the color by 10%, you get **208, 239, 166**, and if you desaturate by 10%, it is **228, 239, 214**.

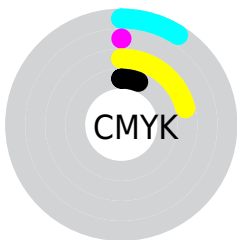
Distribution



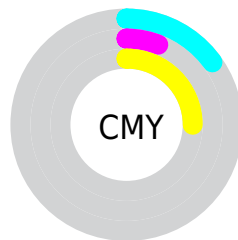
- Red (85%)
- Green (94%)
- Blue (75%)



- Red (75%)
- Yellow (94%)
- Blue (83%)



- Cyan (9%)
- Magenta (0%)
- Yellow (21%)
- Black (6%)



- Cyan (15%)
- Magenta (6%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the RGB color 218, 239, 190 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, 239, 190 by changing the saturation by 10% instead.

 218, 239, 190


255, 255, 255


 255, 255, 246

 218, 239, 190

 190, 211, 163

 163, 183, 136

 136, 156, 111

 111, 130, 86

 86, 105, 63

 62, 81, 40

 39, 58, 19

 20, 36, 0

 0, 12, 0

 218, 239, 190

 218, 239, 190

 208, 239, 166

 228, 239, 214

 198, 239, 142

 238, 239, 238

 187, 239, 118


 249, 239, 255

 177, 239, 94

 255, 239, 255

 167, 239, 71

 157, 239, 47

 146, 239, 23

 137, 239, 0

Harmonies

Analogous

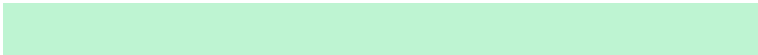
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



246, 231, 181



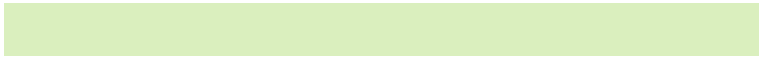
218, 239, 190



190, 244, 210

Triad

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



218, 239, 190



177, 240, 255



255, 214, 228

Complementary

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



218, 239, 190



211, 190, 239

Split Complementary

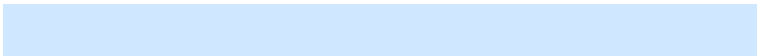
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 216, 253



218, 239, 190



208, 232, 255

Square

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



218, 239, 190



162, 245, 255



242, 224, 255



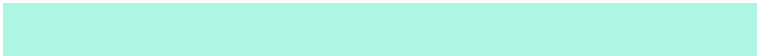
255, 216, 203

Rectangle

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



218, 239, 190



174, 246, 227



242, 224, 255



255, 214, 236

Sweetspot

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



218, 239, 190



248, 255, 240



239, 210, 190



124, 128, 119



0, 0, 0



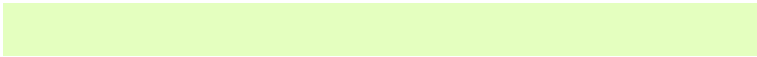
128, 128, 128

Same Dimension

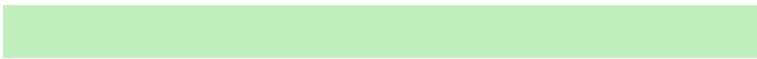
The Same Dimension uses a secret algorithm to generate beautiful new colors.



218, 239, 190



228, 255, 191



194, 239, 190



115, 120, 108



105, 184, 0



32, 56, 0

Inverse Universe

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



211, 190, 239



219, 191, 255



235, 190, 239



113, 108, 120



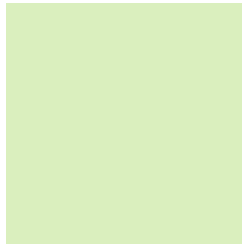
79, 0, 184



24, 0, 56

Previews

White Background



This preview shows how the RGB color 218, 239, 190 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, 239, 190 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

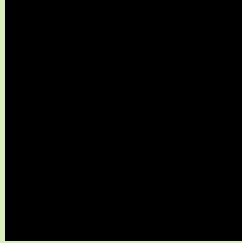
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

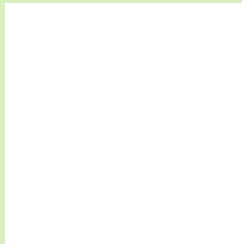
Any Text WCAG AAA ✓ Pass

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

RGB 218, 239, 190 Background



This preview shows how black text looks on a background with the RGB color 218, 239, 190.

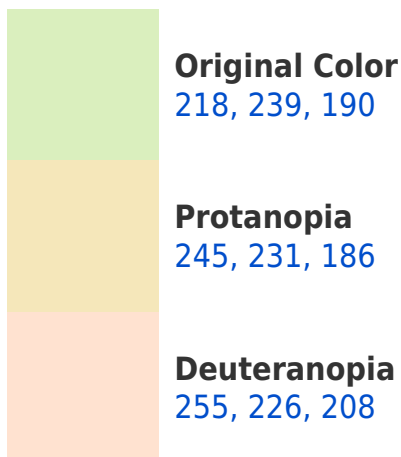


This preview shows how white text looks on a background with the RGB color 218, 239, 190.

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](#).

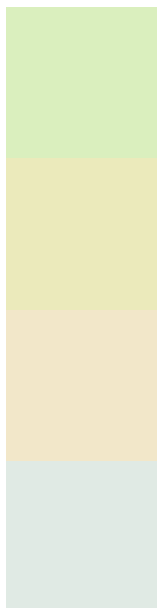
Dichromacy





Tritanopia
227, 231, 249

Trichromacy



Original Color

218, 239, 190

Protanomaly

235, 234, 187

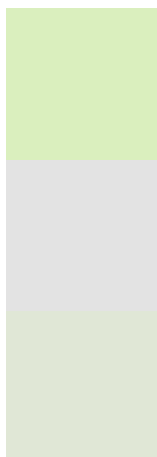
Deuteranomaly

242, 231, 201

Tritanomaly

224, 234, 228

Monochromacy



Original Color

218, 239, 190

Achromatopsia

227, 227, 227

Achromatomaly

224, 231, 214

CSS Examples

Text

The CSS property to change the color of the text to RGB 218, 239, 190 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, 239, 190)` looks like.

```
.text, #text, p{  
    color:rgb(218, 239, 190)  
}
```

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, 239, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 239, 190) }
```

Border

The CSS property to change the border of an element to RGB 218, 239, 190 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, 239, 190) }
```

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

```
.border{ border-color:rgb(218, 239, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 239, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 239, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 239, 190);  
box-shadow:4px 4px 4px 4px rgb(218, 239,  
190) }
```

Background

The CSS property to change the background color of an element to RGB 218, 239, 190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 239, 190) }
```

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

```
.background{ background-color: rgb(218,  
239, 190) }
```

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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