

Converting Colors

RGB(218, 240, 176)

Have a look what the booklet for
RGB(218, 240, 176) contains.

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Color

RGB(218, 240, 176)

Conversions

Conversions Part 1

Format	Color
Hex	DAF0B0
RGB	218, 240, 176
RGB Percent	85%, 94%, 69%
CMY	0.1451, 0.0588, 0.3098
CMYK	0.09, 0.00, 0.27, 0.06
HSL	81°, 68%, 82%
HSV	81°, 27%, 94%
XYZ	67.9100, 80.3602, 53.0061
YIQ	226.1260, 7.4320, -24.5680

Conversions

Conversions Part 2

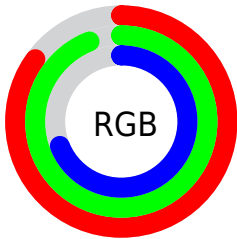
Format	Color
RYB	176, 240, 198
Decimal	14348464
CIELab	91.85, -17.86, 28.61
CIELCh	92, 33.727, 121.976
Yxy	80.3602, 0.3374, 0.3993
Android (android.graphics.Color)	4292538544 (0xFFDAF0B0)
YUV	226.1260, -24.7121, -7.1265
Hunter-Lab	89.6438, -21.6534, 27.6927

Details

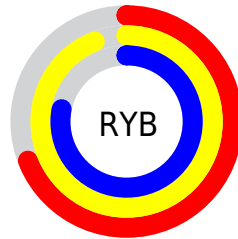
The RGB color **218, 240, 176** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **198, 176, 240**, and the grayscale version is **226, 226, 226**.

A 20% lighter version of the original color is **255, 255, 232**, and **162, 184, 123** is the 20% darker color. If you saturate the color by 10%, you get **210, 240, 152**, and if you desaturate by 10%, it is **226, 240, 200**.

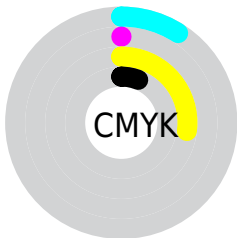
Distribution



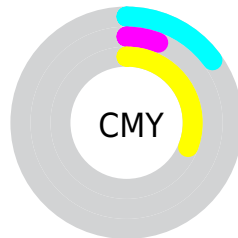
- Red (85%)
- Green (94%)
- Blue (69%)



- Red (69%)
- Yellow (94%)
- Blue (78%)



- Cyan (9%)
- Magenta (0%)
- Yellow (27%)
- Black (6%)



- Cyan (15%)
- Magenta (6%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the RGB color 218, 240, 176 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, 240, 176 by changing the saturation by 10% instead.

 218, 240, 176

255, 255, 255


 255, 255, 232

 218, 240, 176


 190, 212, 149

 162, 184, 123

 136, 157, 98

 110, 131, 73

 85, 106, 50

 61, 81, 27

 38, 58, 3

 16, 37, 0

 0, 12, 0

 218, 240, 176

 218, 240, 176

 210, 240, 152


 226, 240, 200

 201, 240, 128

 234, 240, 224

 193, 240, 104

 243, 240, 248

 185, 240, 80

 251, 240, 255

 177, 240, 56

 255, 240, 255

 169, 240, 32

 160, 240, 8

 157, 240, 0

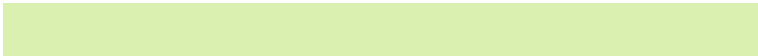
Harmonies

Analogous

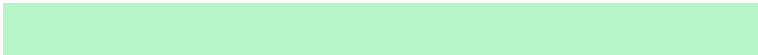
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



253, 230, 167



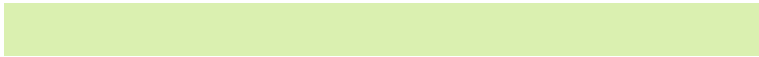
218, 240, 176



181, 247, 200

Triad

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



218, 240, 176



152, 243, 255



255, 208, 231

Complementary

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



218, 240, 176



198, 176, 240

Split Complementary

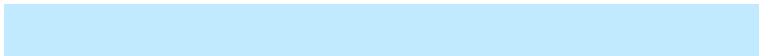
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 213, 255



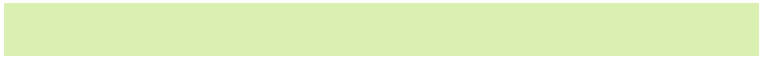
218, 240, 176



194, 234, 255

Square

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



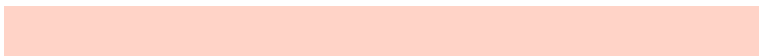
218, 240, 176



133, 249, 255



239, 223, 255



255, 211, 199

Rectangle

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



218, 240, 176



158, 249, 221



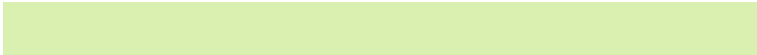
239, 223, 255



255, 209, 242

Sweetspot

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



218, 240, 176



248, 255, 235



240, 197, 176



123, 128, 115



0, 0, 0



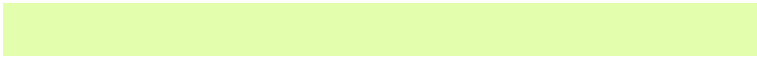
128, 128, 128

Same Dimension

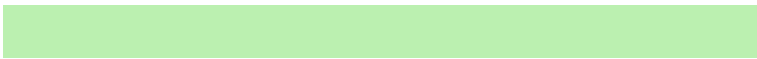
The Same Dimension uses a secret algorithm to generate beautiful new colors.



218, 240, 176



227, 255, 173



187, 240, 176



116, 120, 108



120, 184, 0



37, 56, 0

Inverse Universe

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



198, 176, 240



201, 173, 255



229, 176, 240



112, 108, 120



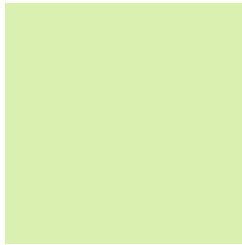
63, 0, 184



19, 0, 56

Previews

White Background



This preview shows how the RGB color 218, 240, 176 looks on a white background.

Color Contrast Check

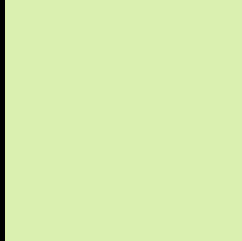
Large Text (above 18pt) WCAG AA × Fail

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, 240, 176 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

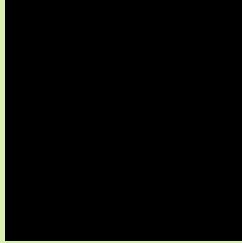
Any Text WCAG AA ✓ Pass

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, 240, 176 Background



This preview shows how black text looks on a background with the RGB color 218, 240, 176.

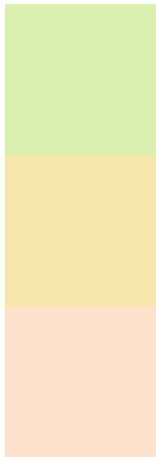


This preview shows how white text looks on a background with the RGB color 218, 240, 176.

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
218, 240, 176

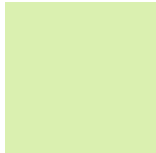
Protanopia
248, 231, 172

Deuteranopia
255, 226, 204



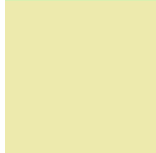
Tritanopia
228, 230, 249

Trichromacy



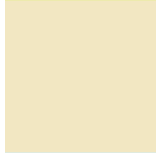
Original Color

218, 240, 176



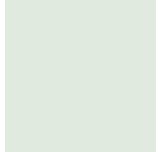
Protanomaly

237, 234, 173



Deuteranomaly

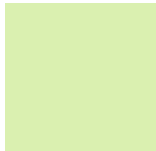
242, 231, 194



Tritanomaly

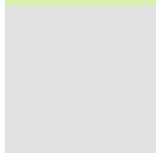
224, 234, 222

Monochromacy



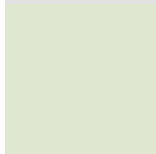
Original Color

218, 240, 176



Achromatopsia

226, 226, 226



Achromatomaly

223, 231, 208

CSS Examples

Text

The CSS property to change the color of the text to RGB 218, 240, 176 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, 240, 176)` looks like.

```
.text, #text, p{  
    color:rgb(218, 240, 176)  
}
```

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, 240, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 240, 176) }
```

Border

The CSS property to change the border of an element to RGB 218, 240, 176 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, 240, 176) }
```

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

```
.border{ border-color:rgb(218, 240, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 240, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 240, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 240, 176);  
box-shadow:4px 4px 4px 4px rgb(218, 240,  
176) }
```

Background

The CSS property to change the background color of an element to RGB 218, 240, 176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 240, 176) }
```

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

```
.background{ background-color: rgb(218,  
240, 176) }
```

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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