

Converting Colors

RGB(212, 249, 178)

Have a look what the booklet for
RGB(212, 249, 178) contains.

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Color

RGB(212, 249, 178)

Conversions

Conversions Part 1

Format	Color
Hex	D4F9B2
RGB	212, 249, 178
RGB Percent	83%, 98%, 70%
CMY	0.1686, 0.0235, 0.3020
CMYK	0.15, 0.00, 0.29, 0.02
HSL	91°, 86%, 84%
HSV	91°, 29%, 98%
XYZ	69.0629, 84.9628, 54.8789
YIQ	229.8430, 0.7390, -29.9250

Conversions

Conversions Part 2

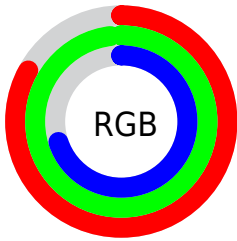
Format	Color
RYB	178, 249, 215
Decimal	13957554
CIELab	93.87, -24.06, 30.26
CIELCh	94, 38.658, 128.482
Yxy	84.9628, 0.3306, 0.4067
Android (android.graphics.Color)	4292147634 (0xFFD4F9B2)
YUV	229.8430, -25.5586, -15.6483
Hunter-Lab	92.1752, -27.5643, 29.2228

Details

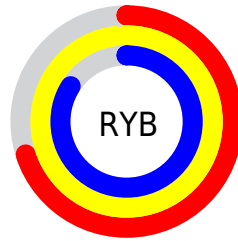
The RGB color **212, 249, 178** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **215, 178, 249**, and the grayscale version is **230, 230, 230**.

A 20% lighter version of the original color is **255, 255, 234**, and **157, 192, 125** is the 20% darker color. If you saturate the color by 10%, you get **199, 249, 153**, and if you desaturate by 10%, it is **225, 249, 203**.

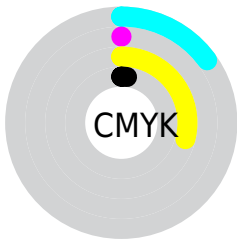
Distribution



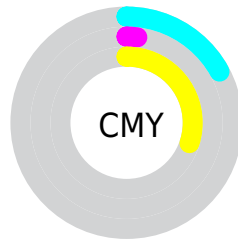
- Red (83%)
- Green (98%)
- Blue (70%)



- Red (70%)
- Yellow (98%)
- Blue (84%)



- Cyan (15%)
- Magenta (0%)
- Yellow (29%)
- Black (2%)



- Cyan (17%)
- Magenta (2%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the RGB color 212, 249, 178 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 212, 249, 178 by changing the saturation by 10% instead.


 212, 249, 178


255, 255, 255


 255, 255, 234

 212, 249, 178

 184, 220, 151

 157, 192, 125

 130, 165, 99


 104, 139, 75

 79, 113, 51

 54, 89, 28

 30, 65, 4

 7, 42, 0

 0, 22, 0

 212, 249, 178

 212, 249, 178

 199, 249, 153


 225, 249, 203

 186, 249, 128


 238, 249, 228


 173, 249, 103


 251, 249, 253


 160, 249, 78

 255, 249, 255

 147, 249, 53

 134, 249, 29

 121, 249, 4

 119, 249, 0

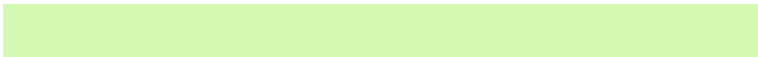
Harmonies

Analogous

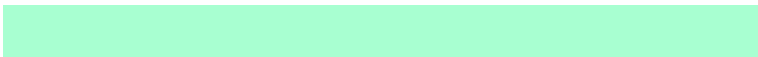
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



253, 238, 163



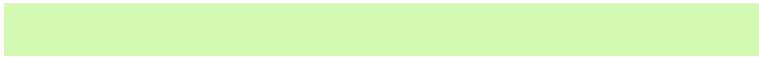
212, 249, 178



168, 255, 209

Triad

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



212, 249, 178



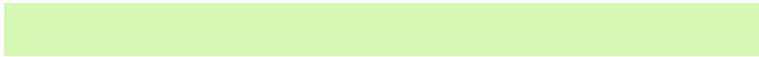
150, 249, 255



255, 210, 228

Complementary

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



212, 249, 178



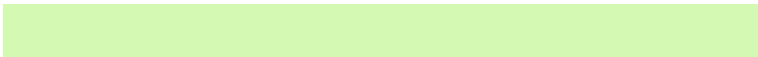
215, 178, 249

Split Complementary

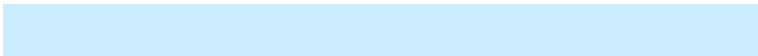
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 213, 255



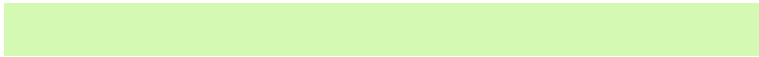
212, 249, 178



204, 237, 255

Square

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



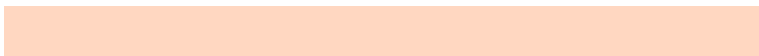
212, 249, 178



118, 255, 255



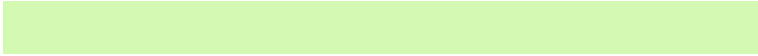
255, 224, 255



255, 215, 193

Rectangle

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



212, 249, 178



141, 255, 234



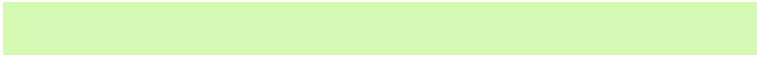
255, 224, 255



255, 210, 241

Sweetspot

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



212, 249, 178



243, 255, 232



249, 215, 178



120, 128, 113



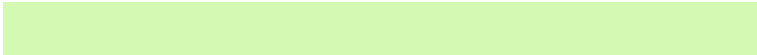
0, 0, 0



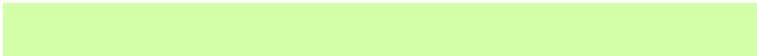
128, 128, 128

Same Dimension

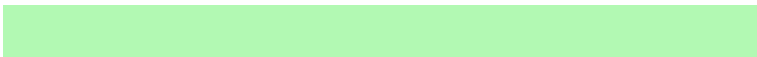
The Same Dimension uses a secret algorithm to generate beautiful new colors.



212, 249, 178



210, 255, 168



178, 249, 179



118, 125, 112



90, 189, 0



29, 61, 0

Inverse Universe

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



215, 178, 249



213, 168, 255



249, 178, 248



119, 112, 125



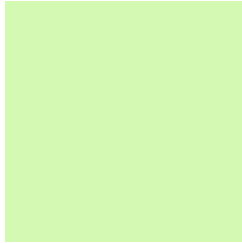
98, 0, 189



32, 0, 61

Previews

White Background



This preview shows how the RGB color 212, 249, 178 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 212, 249, 178 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

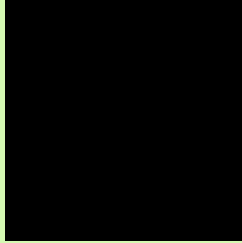
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

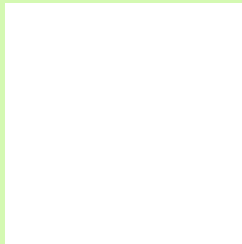
Any Text WCAG AAA ✓ Pass

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

RGB 212, 249, 178 Background



This preview shows how black text looks on a background with the RGB color 212, 249, 178.

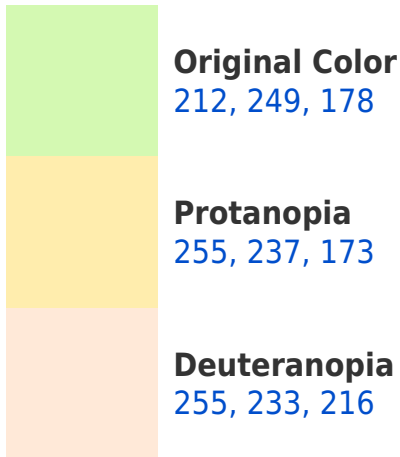


This preview shows how white text looks on a background with the RGB color 212, 249, 178.

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





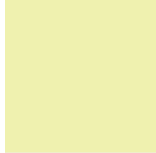
Tritanopia
226, 238, 255

Trichromacy



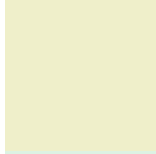
Original Color

212, 249, 178



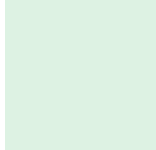
Protanomaly

239, 241, 175



Deuteranomaly

239, 239, 202



Tritanomaly

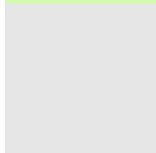
221, 242, 227

Monochromacy



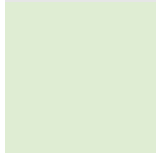
Original Color

212, 249, 178



Achromatopsia

230, 230, 230



Achromatomaly

223, 237, 211

CSS Examples

Text

The CSS property to change the color of the text to RGB 212, 249, 178 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(212, 249, 178)` looks like.

```
.text, #text, p{  
    color:rgb(212, 249, 178)  
}
```

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(212, 249, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 249, 178) }
```

Border

The CSS property to change the border of an element to RGB 212, 249, 178 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(212, 249, 178) }
```

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

```
.border{ border-color:rgb(212, 249, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 249, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 249, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 249, 178);  
box-shadow:4px 4px 4px 4px rgb(212, 249,  
178) }
```

Background

The CSS property to change the background color of an element to RGB 212, 249, 178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 249, 178) }
```

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

```
.background{ background-color: rgb(212,  
249, 178) }
```

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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