

Converting Colors

RGB(210, 238, 158)

Have a look what the booklet for
RGB(210, 238, 158) contains.

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Color

RGB(210, 238, 158)

Conversions

Conversions Part 1

Format	Color
Hex	D2EE9E
RGB	210, 238, 158
RGB Percent	82%, 93%, 62%
CMY	0.1765, 0.0667, 0.3804
CMYK	0.12, 0.00, 0.34, 0.07
HSL	81°, 70%, 78%
HSV	81°, 34%, 93%
XYZ	63.3244, 77.3193, 43.9343
YIQ	220.5080, 8.9920, -30.8160

Conversions

Conversions Part 2

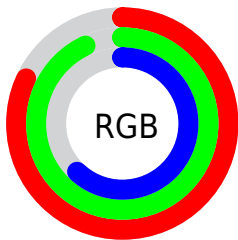
Format	Color
RYB	158, 238, 186
Decimal	13823646
CIELab	90.47, -22.22, 35.78
CIELCh	90, 42.114, 121.841
Yxy	77.3193, 0.3431, 0.4189
Android (android.graphics.Color)	4292013726 (0xFFD2EE9E)
YUV	220.5080, -30.8164, -9.2155
Hunter-Lab	87.9314, -25.3319, 31.9281

Details

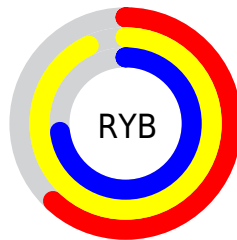
The RGB color **210, 238, 158** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **186, 158, 238**, and the grayscale version is **221, 221, 221**.

A 20% lighter version of the original color is **255, 255, 213**, and **155, 182, 106** is the 20% darker color. If you saturate the color by 10%, you get **202, 238, 134**, and if you desaturate by 10%, it is **218, 238, 182**.

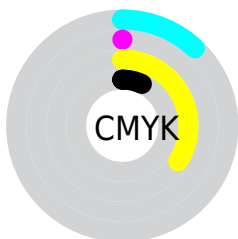
Distribution



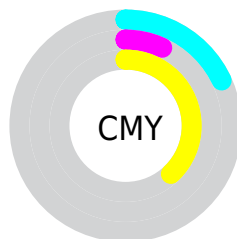
- Red (82%)
- Green (93%)
- Blue (62%)



- Red (62%)
- Yellow (93%)
- Blue (73%)



- Cyan (12%)
- Magenta (0%)
- Yellow (34%)
- Black (7%)



- Cyan (18%)
- Magenta (7%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the RGB color 210, 238, 158 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 210, 238, 158 by changing the saturation by 10% instead.

 210, 238, 158

255, 255, 255

 255, 255, 213

 255, 255, 242

 210, 238, 158

 182, 210, 131

 155, 182, 106

 128, 155, 81

 102, 129, 56

 77, 104, 32

 52, 80, 6

 30, 56, 0

 0, 35, 0

 0, 3, 0

 210, 238, 158


 210, 238, 158

 202, 238, 134

 218, 238, 182

 193, 238, 110


 227, 238, 206

 185, 238, 87


 235, 238, 229

 177, 238, 63

 243, 238, 253

 168, 238, 39

 252, 238, 255

 160, 238, 15

 255, 238, 255

 155, 238, 0

Harmonies

Analogous

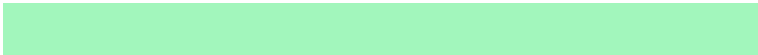
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



253, 226, 147



210, 238, 158



162, 246, 188

Triad

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



210, 238, 158



114, 242, 255



255, 197, 227

Complementary

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



210, 238, 158



186, 158, 238

Split Complementary

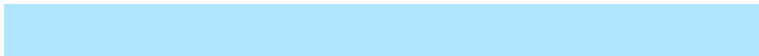
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 203, 255



210, 238, 158



176, 231, 255

Square

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



210, 238, 158



83, 248, 255



236, 216, 255



255, 201, 187

Rectangle

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



210, 238, 158



129, 249, 215



236, 216, 255



255, 198, 240

Sweetspot

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



210, 238, 158



246, 255, 230



238, 186, 158



122, 128, 112



0, 0, 0



128, 128, 128

Same Dimension

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



210, 238, 158



219, 255, 153



170, 238, 158



116, 120, 108



119, 184, 0



36, 56, 0

Inverse Universe

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



186, 158, 238



189, 153, 255



226, 158, 238



112, 108, 120



64, 0, 184



20, 0, 56

Previews

White Background



This preview shows how the RGB color 210, 238, 158 looks on a white background.

Color Contrast Check

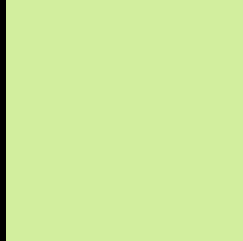
Large Text (above 18pt) WCAG AA × Fail

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 210, 238, 158 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

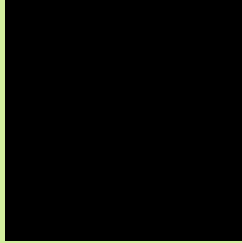
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

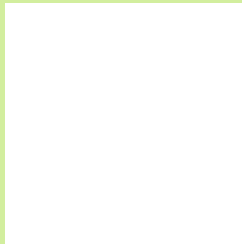
Any Text WCAG AAA ✓ Pass

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

RGB 210, 238, 158 Background



This preview shows how black text looks on a background with the RGB color 210, 238, 158.

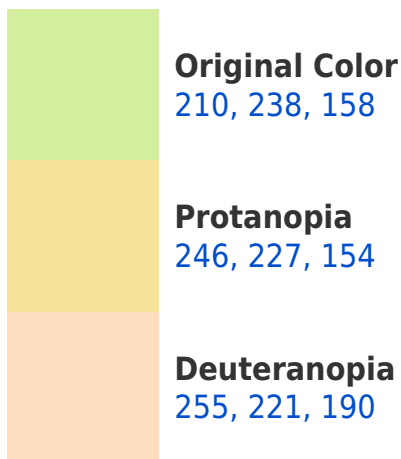


This preview shows how white text looks on a background with the RGB color 210, 238, 158.

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](#).

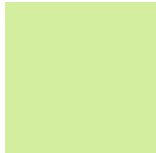
Dichromacy





Tritanopia
222, 227, 245

Trichromacy



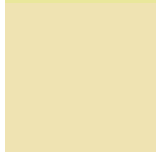
Original Color

210, 238, 158



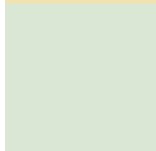
Protanomaly

233, 231, 155



Deuteranomaly

239, 227, 178



Tritanomaly

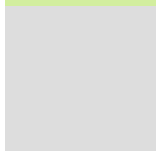
218, 231, 213

Monochromacy



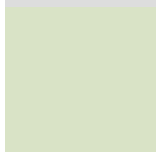
Original Color

210, 238, 158



Achromatopsia

221, 221, 221



Achromatomaly

217, 227, 198

CSS Examples

Text

The CSS property to change the color of the text to RGB 210, 238, 158 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(210, 238, 158)` looks like.

```
.text, #text, p{  
    color:rgb(210, 238, 158)  
}
```

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(210, 238, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 238, 158) }
```

Border

The CSS property to change the border of an element to RGB 210, 238, 158 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(210, 238, 158) }
```

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

```
.border{ border-color:rgb(210, 238, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 238, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 238, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 238, 158);  
box-shadow:4px 4px 4px 4px rgb(210, 238,  
158) }
```

Background

The CSS property to change the background color of an element to RGB 210, 238, 158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 238, 158) }
```

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

```
.background{ background-color: rgb(210,  
238, 158) }
```

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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