

Converting Colors

RGB(188, 239, 141)

Have a look what the booklet for
RGB(188, 239, 141) contains.

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Color

RGB(188, 239, 141)

Conversions

Conversions Part 1

Format	Color
Hex	BCEF8D
RGB	188, 239, 141
RGB Percent	74%, 94%, 55%
CMY	0.2627, 0.0627, 0.4471
CMYK	0.21, 0.00, 0.41, 0.06
HSL	91°, 75%, 75%
HSV	91°, 41%, 94%
XYZ	56.4133, 74.3475, 36.5765
YIQ	212.5790, 1.0620, -41.2900

Conversions

Conversions Part 2

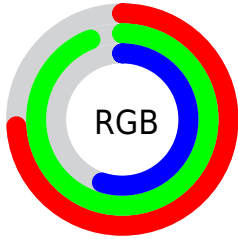
Format	Color
RYB	141, 239, 192
Decimal	12382093
CIELab	89.09, -32.76, 42.15
CIELCh	89, 53.388, 127.857
Yxy	74.3475, 0.3371, 0.4443
Android (android.graphics.Color)	4290572173 (0xFFBCEF8D)
YUV	212.5790, -35.2884, -21.5558
Hunter-Lab	86.2250, -34.1089, 35.2068

Details

The RGB color **188, 239, 141** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **192, 141, 239**, and the grayscale version is **213, 213, 213**.

A 20% lighter version of the original color is **246, 255, 196**, and **133, 183, 89** is the 20% darker color. If you saturate the color by 10%, you get **176, 239, 117**, and if you desaturate by 10%, it is **200, 239, 165**.

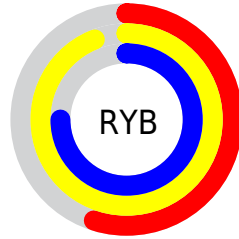
Distribution



Red (74%)

Green (94%)

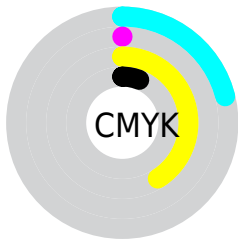
Blue (55%)



Red (55%)

Yellow (94%)

Blue (75%)

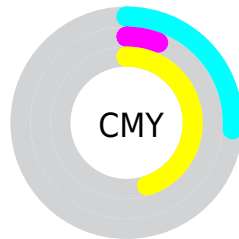


Cyan (21%)

Magenta (0%)

Yellow (41%)

Black (6%)



Cyan (26%)

Magenta (6%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the RGB color 188, 239, 141 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 188, 239, 141 by changing the saturation by 10% instead.

 188, 239, 141

255, 255, 255


 246, 255, 196


 255, 255, 224


255, 255, 253


 188, 239, 141

 160, 211, 115

 133, 183, 89

 106, 156, 64

 80, 129, 39

 54, 104, 10

 27, 80, 0

 0, 56, 0

 0, 36, 0


 0, 0, 0

 188, 239, 141


 188, 239, 141

 176, 239, 117

 200, 239, 165

 163, 239, 93


 213, 239, 189

 151, 239, 69


 225, 239, 213

 138, 239, 45

 238, 239, 237

 126, 239, 22

 250, 239, 255

 115, 239, 0

 255, 239, 255

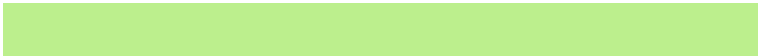
Harmonies

Analogous

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



243, 225, 121



188, 239, 141



121, 247, 184

Triad

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



188, 239, 141



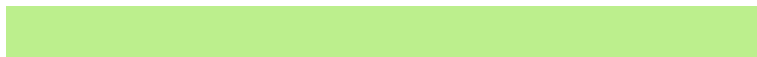
42, 239, 255



255, 183, 212

Complementary

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



188, 239, 141



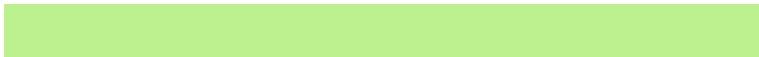
192, 141, 239

Split Complementary

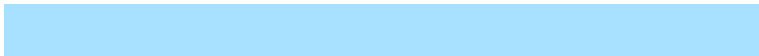
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 189, 255



188, 239, 141



168, 224, 255

Square

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



188, 239, 141



0, 248, 255



246, 205, 255



255, 191, 164

Rectangle

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



188, 239, 141



56, 250, 218



246, 205, 255



255, 183, 230

Sweetspot

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



188, 239, 141



239, 255, 224



239, 192, 141



118, 128, 110



0, 0, 0



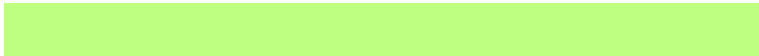
128, 128, 128

Same Dimension

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



188, 239, 141



190, 255, 130



141, 239, 143



114, 120, 108



88, 184, 0



27, 56, 0

Inverse Universe

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



192, 141, 239



195, 130, 255



239, 141, 237



114, 108, 120



96, 0, 184



29, 0, 56

Previews

White Background



This preview shows how the RGB color 188, 239, 141 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 188, 239, 141 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

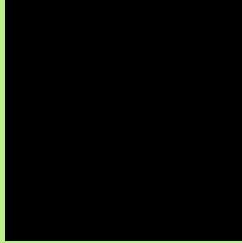
Any Text WCAG AA ✓ Pass

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 188, 239, 141 Background



This preview shows how black text looks on a background with the RGB color 188, 239, 141.

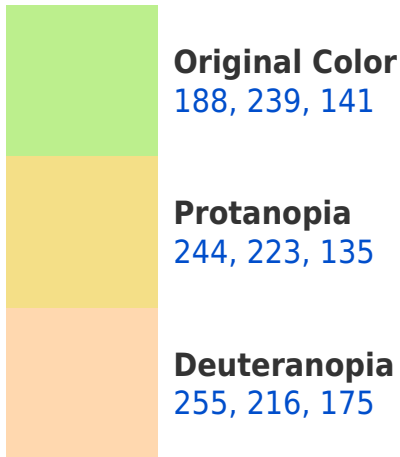


This preview shows how white text looks on a background with the RGB color 188, 239, 141.

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





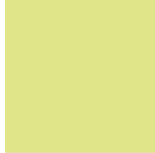
Tritanopia
203, 227, 245

Trichromacy



Original Color

188, 239, 141



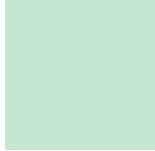
Protanomaly

224, 229, 137



Deuteranomaly

231, 224, 163



Tritanomaly

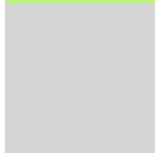
198, 231, 207

Monochromacy



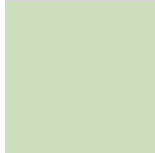
Original Color

188, 239, 141



Achromatopsia

213, 213, 213



Achromatomaly

204, 222, 187

CSS Examples

Text

The CSS property to change the color of the text to RGB 188, 239, 141 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(188, 239, 141)` looks like.

```
.text, #text, p{  
    color:rgb(188, 239, 141)  
}
```

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(188, 239, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 239, 141) }
```

Border

The CSS property to change the border of an element to RGB 188, 239, 141 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(188, 239, 141) }
```

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

```
.border{ border-color:rgb(188, 239, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 239, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 239, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 239, 141);  
box-shadow:4px 4px 4px 4px rgb(188, 239,  
141) }
```

Background

The CSS property to change the background color of an element to RGB 188, 239, 141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 239, 141) }
```

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

```
.background{ background-color: rgb(188,  
239, 141) }
```

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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