

Converting Colors

RGB(188, 235, 144)

Have a look what the booklet for
RGB(188, 235, 144) contains.

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Color

RGB(188, 235, 144)

Conversions

Conversions Part 1

Format	Color
Hex	BCEB90
RGB	188, 235, 144
RGB Percent	74%, 92%, 56%
CMY	0.2627, 0.0784, 0.4353
CMYK	0.20, 0.00, 0.39, 0.08
HSL	91°, 69%, 74%
HSV	91°, 39%, 92%
XYZ	55.4814, 72.1216, 37.3822
YIQ	210.5730, 1.1990, -38.2650

Conversions

Conversions Part 2

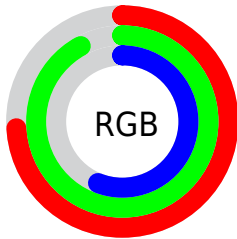
Format	Color
RYB	144, 235, 191
Decimal	12381072
CIELab	88.03, -30.52, 39.31
CIELCh	88, 49.772, 127.827
Yxy	72.1216, 0.3363, 0.4371
Android (android.graphics.Color)	4290571152 (0xFFBCEB90)
YUV	210.5730, -32.8205, -19.7965
Hunter-Lab	84.9245, -32.0032, 33.3487

Details

The RGB color **188, 235, 144** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **191, 144, 235**, and the grayscale version is **211, 211, 211**.

A 20% lighter version of the original color is **245, 255, 199**, and **133, 179, 92** is the 20% darker color. If you saturate the color by 10%, you get **176, 235, 121**, and if you desaturate by 10%, it is **200, 235, 168**.

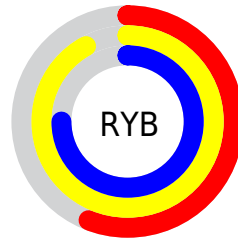
Distribution



Red (74%)

Green (92%)

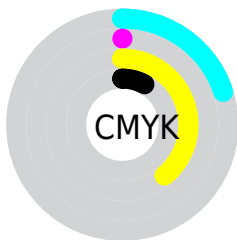
Blue (56%)



Red (56%)

Yellow (92%)

Blue (75%)

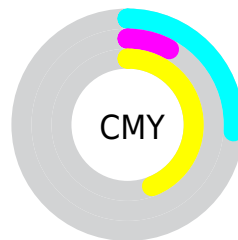


Cyan (20%)

Magenta (0%)

Yellow (39%)

Black (8%)



Cyan (26%)

Magenta (8%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the RGB color 188, 235, 144 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, 235, 144 by changing the saturation by 10% instead.

 188, 235, 144

 188, 235, 144

255, 255, 255

 160, 207, 118

 245, 255, 199

 133, 179, 92

 255, 255, 227

 107, 152, 67

 81, 126, 42

 55, 101, 16

 29, 76, 0

 0, 53, 0

 0, 34, 0

 0, 0, 0

 188, 235, 144


 188, 235, 144

 176, 235, 121

 200, 235, 168

 164, 235, 97

 212, 235, 191

 152, 235, 74


 224, 235, 215

 139, 235, 50


 237, 235, 238

 127, 235, 27

 249, 235, 255

 115, 235, 3

 255, 235, 255

 114, 235, 0

Harmonies

Analogous

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



239, 222, 125



188, 235, 144



128, 243, 183

Triad

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



188, 235, 144



73, 235, 255



255, 183, 210

Complementary

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



188, 235, 144



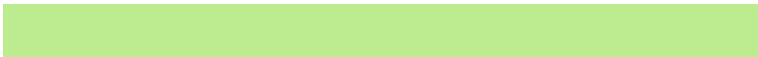
191, 144, 235

Split Complementary

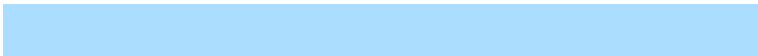
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 189, 255



188, 235, 144



170, 221, 255

Square

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



188, 235, 144



0, 244, 255



242, 204, 255



255, 190, 165

Rectangle

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



188, 235, 144



76, 246, 216



242, 204, 255



255, 183, 226

Sweetspot

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



188, 235, 144



239, 255, 224



235, 189, 144



118, 128, 110



0, 0, 0



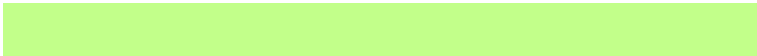
128, 128, 128

Same Dimension

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



188, 235, 144



194, 255, 138



144, 235, 144



111, 117, 106



88, 181, 0



26, 54, 0

Inverse Universe

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



191, 144, 235



198, 138, 255



235, 144, 235



112, 106, 117



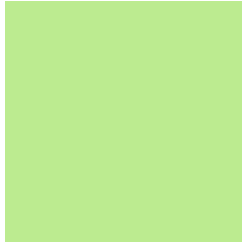
94, 0, 181



28, 0, 54

Previews

White Background



This preview shows how the RGB color 188, 235, 144 looks on a white background.

Color Contrast Check

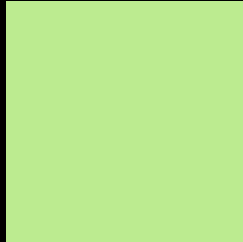
Large Text (above 18pt) WCAG AA × Fail

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, 235, 144 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, 235, 144 Background



This preview shows how black text looks on a background with the RGB color 188, 235, 144.



This preview shows how white text looks on a background with the RGB color 188, 235, 144.

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
188, 235, 144

Protanopia
240, 220, 138

Deuteranopia
255, 213, 167



Tritanopia
202, 223, 241

Trichromacy



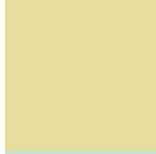
Original Color

188, 235, 144



Protanomaly

221, 225, 140



Deuteranomaly

231, 221, 159



Tritanomaly

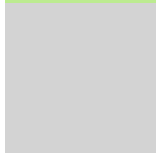
197, 227, 206

Monochromacy



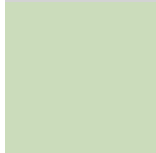
Original Color

188, 235, 144



Achromatopsia

211, 211, 211



Achromatomaly

203, 220, 187

CSS Examples

Text

The CSS property to change the color of the text to RGB 188, 235, 144 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, 235, 144)` looks like.

```
.text, #text, p{  
    color:rgb(188, 235, 144)  
}
```

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, 235, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 235, 144) }
```

Border

The CSS property to change the border of an element to RGB 188, 235, 144 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, 235, 144) }
```

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

```
.border{ border-color:rgb(188, 235, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 235, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 235, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 235, 144);  
box-shadow:4px 4px 4px 4px rgb(188, 235,  
144) }
```

Background

The CSS property to change the background color of an element to RGB 188, 235, 144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 235, 144) }
```

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

```
.background{ background-color: rgb(188,  
235, 144) }
```

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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