

Converting Colors

RGB(188, 228, 150)

Have a look what the booklet for
RGB(188, 228, 150) contains.

RGB(188, 228, 150)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(188, 228, 150)

Conversions

Conversions Part 1

Format	Color
Hex	BCE496
RGB	188, 228, 150
RGB Percent	74%, 89%, 59%
CMY	0.2627, 0.1059, 0.4118
CMYK	0.18, 0.00, 0.34, 0.11
HSL	91°, 59%, 74%
HSV	91°, 34%, 89%
XYZ	53.9875, 68.3802, 39.2074
YIQ	207.1480, 1.1980, -32.7380

Conversions

Conversions Part 2

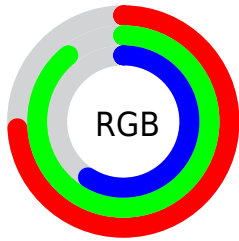
Format	Color
RYB	150, 228, 190
Decimal	12379286
CIELab	86.20, -26.42, 33.91
CIELCh	86, 42.988, 127.917
Yxy	68.3802, 0.3341, 0.4232
Android (android.graphics.Color)	4290569366 (0xFFBCE496)
YUV	207.1480, -28.1740, -16.7928
Hunter-Lab	82.6923, -28.1740, 29.7731

Details

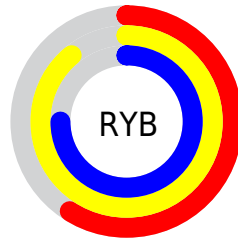
The RGB color **188, 228, 150** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **190, 150, 228**, and the grayscale version is **207, 207, 207**.

A 20% lighter version of the original color is **245, 255, 205**, and **134, 172, 98** is the 20% darker color. If you saturate the color by 10%, you get **176, 228, 127**, and if you desaturate by 10%, it is **200, 228, 173**.

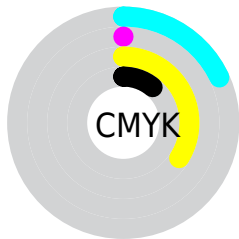
Distribution



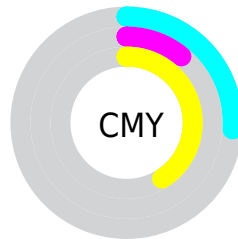
- Red (74%)
- Green (89%)
- Blue (59%)



- Red (59%)
- Yellow (89%)
- Blue (75%)



- Cyan (18%)
- Magenta (0%)
- Yellow (34%)
- Black (11%)



- Cyan (26%)
- Magenta (11%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the RGB color 188, 228, 150 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, 228, 150 by changing the saturation by 10% instead.

 188, 228, 150

255, 255, 255

 245, 255, 205


 255, 255, 233

 188, 228, 150

 160, 200, 124

 134, 172, 98

 107, 146, 73

 82, 120, 49

 57, 95, 26

 32, 71, 0

 7, 48, 0

 0, 30, 0

 0, 0, 0


 188, 228, 150


 188, 228, 150

 176, 228, 127


 200, 228, 173

 165, 228, 104


 211, 228, 196

 153, 228, 82


 223, 228, 218

 141, 228, 59


 235, 228, 241

 130, 228, 36

 246, 228, 255

 118, 228, 13

 255, 228, 255

 111, 228, 0

Harmonies

Analogous

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



232, 217, 134



188, 228, 150



138, 235, 184

Triad

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



188, 228, 150



107, 228, 255



255, 184, 206

Complementary

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



188, 228, 150



190, 150, 228

Split Complementary

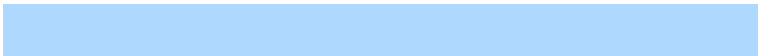
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 189, 247



188, 228, 150



175, 216, 255

Square

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



188, 228, 150



57, 235, 255



235, 201, 255



255, 190, 168

Rectangle

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



188, 228, 150



103, 237, 211



235, 201, 255



255, 184, 220

Sweetspot

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



188, 228, 150



242, 255, 230



228, 189, 150



120, 128, 112



0, 0, 0



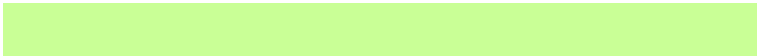
128, 128, 128

Same Dimension

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



188, 228, 150



201, 255, 150



150, 228, 150



109, 115, 103



87, 179, 0



25, 51, 0

Inverse Universe

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



190, 150, 228



204, 150, 255



228, 150, 228



109, 103, 115



92, 0, 179



26, 0, 51

Previews

White Background



This preview shows how the RGB color 188, 228, 150 looks on a white background.

Color Contrast Check

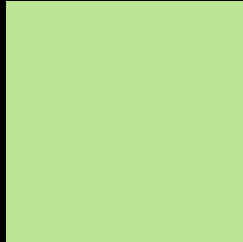
Large Text (above 18pt) WCAG AA × Fail

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, 228, 150 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

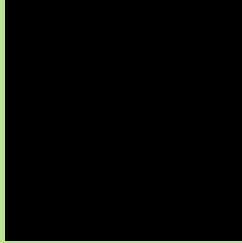
Any Text WCAG AA ✓ Pass

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, 228, 150 Background



This preview shows how black text looks on a background with the RGB color 188, 228, 150.

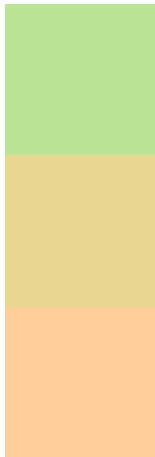


This preview shows how white text looks on a background with the RGB color 188, 228, 150.

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, 228, 150

Protanopia
233, 215, 145

Deuteranopia
255, 206, 155



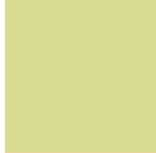
Tritanopia
200, 217, 235

Trichromacy



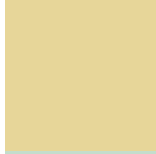
Original Color

188, 228, 150



Protanomaly

217, 220, 147



Deuteranomaly

231, 214, 153



Tritanomaly

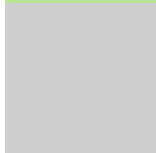
196, 221, 204

Monochromacy



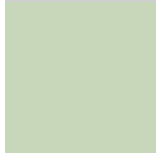
Original Color

188, 228, 150



Achromatopsia

207, 207, 207



Achromatomaly

200, 215, 186

CSS Examples

Text

The CSS property to change the color of the text to RGB 188, 228, 150 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, 228, 150)` looks like.

```
.text, #text, p{  
    color:rgb(188, 228, 150)  
}
```

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, 228, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 228, 150) }
```

Border

The CSS property to change the border of an element to RGB 188, 228, 150 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, 228, 150) }
```

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

```
.border{ border-color:rgb(188, 228, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 228, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 228, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 228, 150);  
box-shadow:4px 4px 4px 4px rgb(188, 228,  
150) }
```

Background

The CSS property to change the background color of an element to RGB 188, 228, 150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 228, 150) }
```

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

```
.background{ background-color: rgb(188,  
228, 150) }
```

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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