

Converting Colors

RGB(180, 226, 151)

Have a look what the booklet for
RGB(180, 226, 151) contains.

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Color

RGB(180, 226, 151)

Conversions

Conversions Part 1

Format	Color
Hex	B4E297
RGB	180, 226, 151
RGB Percent	71%, 89%, 59%
CMY	0.2941, 0.1137, 0.4078
CMYK	0.20, 0.00, 0.33, 0.11
HSL	97°, 56%, 74%
HSV	97°, 33%, 89%
XYZ	51.6047, 66.3304, 39.3613
YIQ	203.6960, -3.3410, -33.0770

Conversions

Conversions Part 2

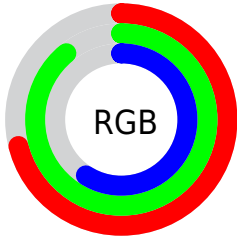
Format	Color
RYB	151, 226, 197
Decimal	11854487
CIELab	85.16, -28.15, 31.95
CIELCh	85, 42.584, 131.388
Yxy	66.3304, 0.3281, 0.4217
Android (android.graphics.Color)	4290044567 (0xFFB4E297)
YUV	203.6960, -25.9791, -20.7814
Hunter-Lab	81.4435, -29.4239, 28.3558

Details

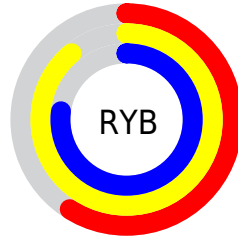
The RGB color **180, 226, 151** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **197, 151, 226**, and the grayscale version is **204, 204, 204**.

A 20% lighter version of the original color is **237, 255, 206**, and **126, 170, 99** is the 20% darker color. If you saturate the color by 10%, you get **166, 226, 128**, and if you desaturate by 10%, it is **194, 226, 174**.

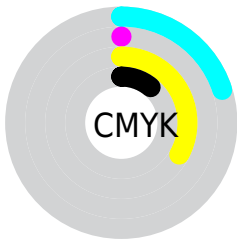
Distribution



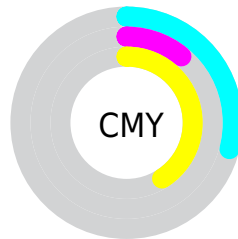
- Red (71%)
- Green (89%)
- Blue (59%)



- Red (59%)
- Yellow (89%)
- Blue (77%)



- Cyan (20%)
- Magenta (0%)
- Yellow (33%)
- Black (11%)



- Cyan (29%)
- Magenta (11%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the RGB color 180, 226, 151 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 180, 226, 151 by changing the saturation by 10% instead.


 180, 226, 151

255, 255, 255

 237, 255, 206

 255, 255, 234

 180, 226, 151


 153, 198, 125

 126, 170, 99

 100, 144, 75

 75, 118, 51

 50, 93, 27

 24, 69, 2

 0, 46, 0

 0, 27, 0

 0, 0, 0

 180, 226, 151

 180, 226, 151

 166, 226, 128


 194, 226, 174

 152, 226, 106


 208, 226, 196

 138, 226, 83

 222, 226, 219

 125, 226, 61

 235, 226, 241

 111, 226, 38

 249, 226, 255

 97, 226, 15

 255, 226, 255

 87, 226, 0

Harmonies

Analogous

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



224, 215, 133



180, 226, 151



130, 233, 186

Triad

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



180, 226, 151



113, 224, 255



255, 182, 199

Complementary

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



180, 226, 151



197, 151, 226

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, 185, 239



180, 226, 151



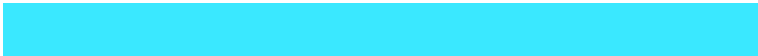
180, 211, 255

Square

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



180, 226, 151



58, 232, 255



237, 197, 255



255, 189, 161

Rectangle

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



180, 226, 151



95, 234, 213



237, 197, 255



255, 182, 212

Sweetspot

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



180, 226, 151



239, 255, 230



226, 196, 151



118, 128, 112



0, 0, 0



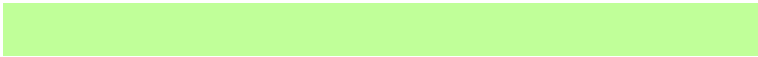
128, 128, 128

Same Dimension

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



180, 226, 151



192, 255, 153



151, 226, 158



105, 112, 101



68, 176, 0



19, 48, 0

Inverse Universe

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



197, 151, 226



216, 153, 255



226, 151, 219



108, 101, 112



108, 0, 176



30, 0, 48

Previews

White Background



This preview shows how the RGB color 180, 226, 151 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 180, 226, 151 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

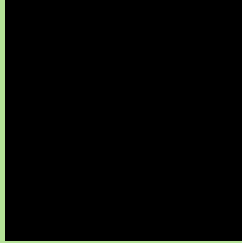
Any Text WCAG AA ✓ Pass

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 180, 226, 151 Background



This preview shows how black text looks on a background with the RGB color 180, 226, 151.

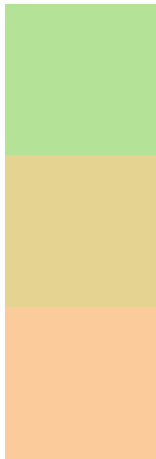


This preview shows how white text looks on a background with the RGB color 180, 226, 151.

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](#).

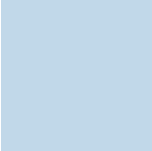
Dichromacy



Original Color
180, 226, 151

Protanopia
229, 212, 145

Deuteranopia
251, 203, 156



Tritanopia
193, 216, 233

Trichromacy



Original Color

180, 226, 151



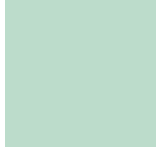
Protanomaly

211, 217, 147



Deuteranomaly

225, 211, 154



Tritanomaly

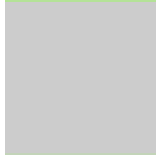
188, 220, 203

Monochromacy



Original Color

180, 226, 151



Achromatopsia

204, 204, 204



Achromatomaly

195, 212, 185

CSS Examples

Text

The CSS property to change the color of the text to RGB 180, 226, 151 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(180, 226, 151)` looks like.

```
.text, #text, p{  
    color:rgb(180, 226, 151)  
}
```

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(180, 226, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 226, 151) }
```

Border

The CSS property to change the border of an element to RGB 180, 226, 151 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(180, 226, 151) }
```

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

```
.border{ border-color:rgb(180, 226, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 226, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 226, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 226, 151);  
box-shadow:4px 4px 4px 4px rgb(180, 226,  
151) }
```

Background

The CSS property to change the background color of an element to RGB 180, 226, 151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 226, 151) }
```

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

```
.background{ background-color: rgb(180,  
226, 151) }
```

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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