

Converting Colors

RGB(172, 224, 147)

Have a look what the booklet for
RGB(172, 224, 147) contains.

RGB(172, 224, 147)	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(172, 224, 147)

Conversions

Conversions Part 1

Format	Color
Hex	ACE093
RGB	172, 224, 147
RGB Percent	67%, 88%, 58%
CMY	0.3255, 0.1216, 0.4235
CMYK	0.23, 0.00, 0.34, 0.12
HSL	101°, 55%, 73%
HSV	101°, 34%, 88%
XYZ	48.9354, 64.1885, 37.4142
YIQ	199.6740, -6.2750, -34.9710

Conversions

Conversions Part 2

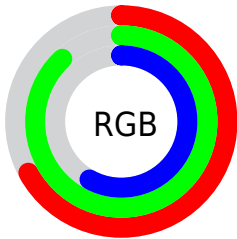
Format	Color
RYB	147, 224, 199
Decimal	11329683
CIELab	84.06, -30.57, 32.44
CIELCh	84, 44.573, 133.298
Yxy	64.1885, 0.3251, 0.4264
Android (android.graphics.Color)	4289519763 (0xFFACE093)
YUV	199.6740, -25.9683, -24.2701
Hunter-Lab	80.1178, -31.1795, 28.3946

Details

The RGB color **172, 224, 147** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **199, 147, 224**, and the grayscale version is **200, 200, 200**.

A 20% lighter version of the original color is **228, 255, 202**, and **118, 169, 95** is the 20% darker color. If you saturate the color by 10%, you get **157, 224, 125**, and if you desaturate by 10%, it is **187, 224, 169**.

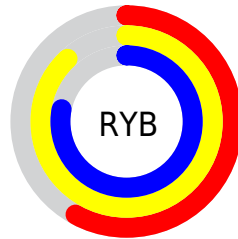
Distribution



Red (67%)

Green (88%)

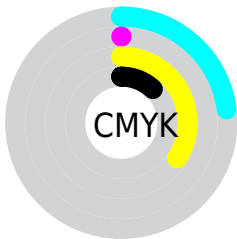
Blue (58%)



Red (58%)

Yellow (88%)

Blue (78%)

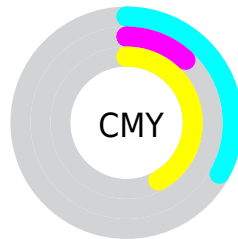


Cyan (23%)

Magenta (0%)

Yellow (34%)

Black (12%)



Cyan (33%)

Magenta (12%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the RGB color 172, 224, 147 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 172, 224, 147 by changing the saturation by 10% instead.


 172, 224, 147


255, 255, 255


 228, 255, 202

 255, 255, 230


 172, 224, 147


 145, 196, 121

 118, 169, 95


 92, 142, 71

 67, 116, 47

 41, 91, 23

 14, 67, 0

 0, 44, 0

 0, 23, 0

 0, 0, 0

 172, 224, 147

 172, 224, 147

 157, 224, 125


 187, 224, 169

 142, 224, 102

 202, 224, 192

 127, 224, 80

 217, 224, 214

 111, 224, 57


 233, 224, 237

 96, 224, 35

 248, 224, 255

 81, 224, 13

 255, 224, 255

 73, 224, 0

Harmonies

Analogous

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



219, 213, 127



172, 224, 147



119, 230, 184

Triad

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



172, 224, 147



106, 221, 255



255, 177, 192

Complementary

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



172, 224, 147



199, 147, 224

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, 180, 235



172, 224, 147



179, 207, 255

Square

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



172, 224, 147



23, 229, 255



238, 192, 255



255, 185, 154

Rectangle

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



172, 224, 147



77, 232, 213



238, 192, 255



255, 177, 207

Sweetspot

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



172, 224, 147



238, 255, 230



224, 198, 147



117, 128, 112



0, 0, 0



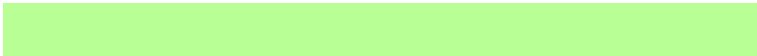
128, 128, 128

Same Dimension

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



172, 224, 147



184, 255, 150



147, 224, 160



105, 112, 101



57, 176, 0



16, 48, 0

Inverse Universe

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



199, 147, 224



221, 150, 255



224, 147, 211



109, 101, 112



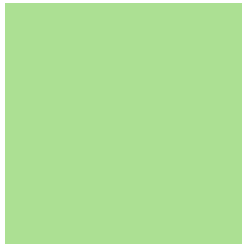
119, 0, 176



33, 0, 48

Previews

White Background



This preview shows how the RGB color 172, 224, 147 looks on a white background.

Color Contrast Check

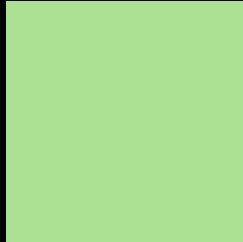
Large Text (above 18pt) WCAG AA × Fail

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 172, 224, 147 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

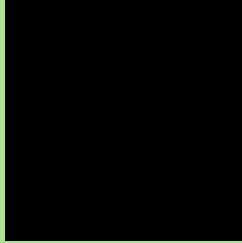
Any Text WCAG AA ✓ Pass

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 172, 224, 147 Background



This preview shows how black text looks on a background with the RGB color 172, 224, 147.

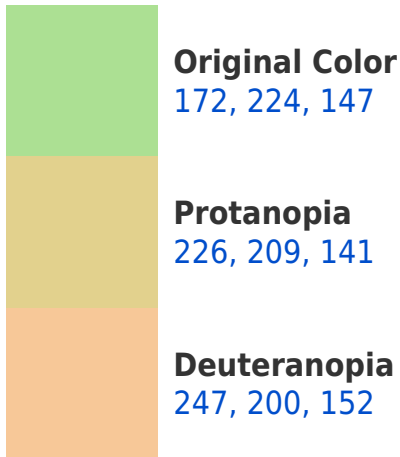


This preview shows how white text looks on a background with the RGB color 172, 224, 147.

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





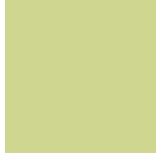
Tritanopia
185, 214, 231

Trichromacy



Original Color

172, 224, 147



Protanomaly

206, 214, 143



Deuteranomaly

220, 209, 150



Tritanomaly

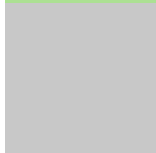
180, 218, 200

Monochromacy



Original Color

172, 224, 147



Achromatopsia

200, 200, 200



Achromatomaly

190, 209, 181

CSS Examples

Text

The CSS property to change the color of the text to RGB 172, 224, 147 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(172, 224, 147)` looks like.

```
.text, #text, p{  
    color:rgb(172, 224, 147)  
}
```

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(172, 224, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 224, 147) }
```

Border

The CSS property to change the border of an element to RGB 172, 224, 147 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(172, 224, 147) }
```

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

```
.border{ border-color:rgb(172, 224, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 224, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 224, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 224, 147);  
box-shadow:4px 4px 4px 4px rgb(172, 224,  
147) }
```

Background

The CSS property to change the background color of an element to RGB 172, 224, 147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 224, 147) }
```

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

```
.background{ background-color: rgb(172,  
224, 147) }
```

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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