

Converting Colors

RGB(173, 234, 173)

Have a look what the booklet for
RGB(173, 234, 173) contains.

RGB(173, 234, 173)	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(173, 234, 173)

Conversions

Conversions Part 1

Format	Color
Hex	ADEAAD
RGB	173, 234, 173
RGB Percent	68%, 92%, 68%
CMY	0.3216, 0.0824, 0.3216
CMYK	0.26, 0.00, 0.26, 0.08
HSL	120°, 59%, 80%
HSV	120°, 26%, 92%
XYZ	54.1992, 70.7470, 50.3341
YIQ	208.8070, -16.7750, -31.9030

Conversions

Conversions Part 2

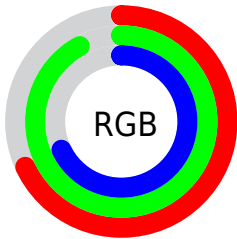
Format	Color
RYB	173, 234, 234
Decimal	11397805
CIELab	87.36, -30.90, 23.57
CIELCh	87, 38.862, 142.669
Yxy	70.7470, 0.3092, 0.4036
Android (android.graphics.Color)	4289587885 (0xFFADEAAD)
YUV	208.8070, -17.6529, -31.4027
Hunter-Lab	84.1112, -32.1736, 23.3974

Details

The RGB color **173, 234, 173** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **234, 173, 234**, and the grayscale version is **209, 209, 209**.

A 20% lighter version of the original color is **230, 255, 229**, and **119, 178, 120** is the 20% darker color. If you saturate the color by 10%, you get **150, 234, 150**, and if you desaturate by 10%, it is **196, 234, 196**.

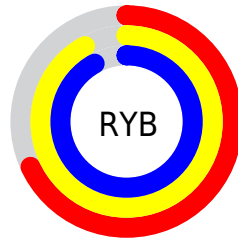
Distribution



Red (68%)

Green (92%)

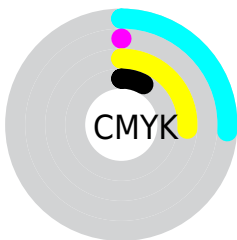
Blue (68%)



Red (68%)

Yellow (92%)

Blue (92%)

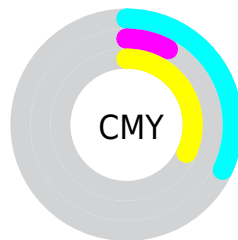


Cyan (26%)

Magenta (0%)

Yellow (26%)

Black (8%)



Cyan (32%)

Magenta (8%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the RGB color 173, 234, 173 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 173, 234, 173 by changing the saturation by 10% instead.

 173, 234, 173


 173, 234, 173

255, 255, 255


 146, 206, 146


 230, 255, 229

 119, 178, 120

 93, 151, 95

 67, 125, 71

 42, 100, 48

 13, 75, 26

 0, 52, 2

 0, 33, 0

 0, 0, 0

■ 173, 234, 173

■ 173, 234, 173

■ 150, 234, 150

■ 196, 234, 196

■ 126, 234, 126

■ 220, 234, 220

■ 103, 234, 103

■ 243, 234, 243

■ 79, 234, 79

■ 255, 234, 255

■ 56, 234, 56

■ 33, 234, 33

■ 9, 234, 9

■ 0, 234, 0

Harmonies

Analogous

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



216, 225, 150



173, 234, 173



129, 239, 208

Triad

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



173, 234, 173



155, 225, 255



255, 192, 192

Complementary

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



173, 234, 173



234, 173, 234

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, 192, 230



173, 234, 173



211, 213, 255

Square

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



173, 234, 173



106, 234, 255



255, 200, 255



255, 201, 162

Rectangle

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



173, 234, 173



104, 239, 234



255, 200, 255



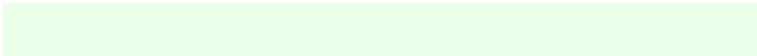
255, 191, 204

Sweetspot

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



173, 234, 173



235, 255, 235



234, 234, 173



115, 128, 115



0, 0, 0



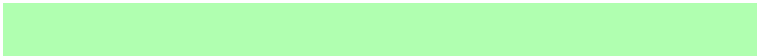
128, 128, 128

Same Dimension

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



173, 234, 173



176, 255, 176



173, 234, 203



106, 117, 106



0, 181, 0



0, 54, 0

Inverse Universe

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



234, 173, 234



255, 176, 255



234, 173, 203



117, 106, 117



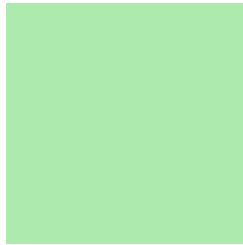
181, 0, 181



54, 0, 54

Previews

White Background



This preview shows how the RGB color 173, 234, 173 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 173, 234, 173 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

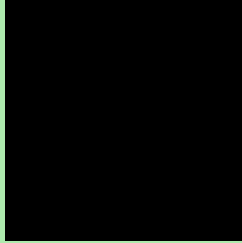
Any Text WCAG AA ✓ Pass

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 173, 234, 173 Background



This preview shows how black text looks on a background with the RGB color 173, 234, 173.

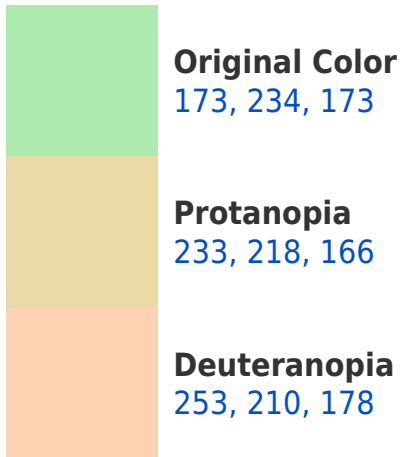


This preview shows how white text looks on a background with the RGB color 173, 234, 173.

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





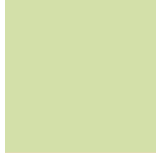
Tritanopia
185, 225, 243

Trichromacy



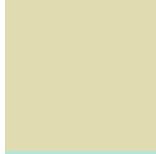
Original Color

173, 234, 173



Protanomaly

211, 224, 169



Deuteranomaly

224, 219, 176



Tritanomaly

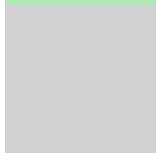
181, 228, 218

Monochromacy



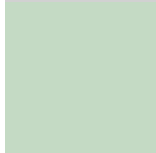
Original Color

173, 234, 173



Achromatopsia

209, 209, 209



Achromatomaly

196, 218, 196

CSS Examples

Text

The CSS property to change the color of the text to RGB 173, 234, 173 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(173, 234, 173)` looks like.

```
.text, #text, p{  
    color:rgb(173, 234, 173)  
}
```

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(173, 234, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 234, 173) }
```

Border

The CSS property to change the border of an element to RGB 173, 234, 173 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(173, 234, 173) }
```

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

```
.border{ border-color:rgb(173, 234, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 234, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 234, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 234, 173);  
box-shadow:4px 4px 4px 4px rgb(173, 234,  
173) }
```

Background

The CSS property to change the background color of an element to RGB 173, 234, 173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 234, 173) }
```

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

```
.background{ background-color: rgb(173,  
234, 173) }
```

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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