

Converting Colors

RGB(174, 237, 170)

Have a look what the booklet for
RGB(174, 237, 170) contains.

RGB(174, 237, 170)	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(174, 237, 170)

Conversions

Conversions Part 1

Format	Color
Hex	AEEDAA
RGB	174, 237, 170
RGB Percent	68%, 93%, 67%
CMY	0.3176, 0.0706, 0.3333
CMYK	0.27, 0.00, 0.28, 0.07
HSL	116°, 65%, 80%
HSV	116°, 28%, 93%
XYZ	54.9954, 72.4693, 49.1196
YIQ	210.5250, -16.0410, -34.1930

Conversions

Conversions Part 2

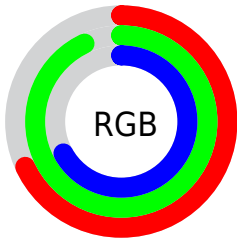
Format	Color
RYB	170, 237, 233
Decimal	11464106
CIELab	88.19, -32.47, 26.26
CIELCh	88, 41.755, 141.038
Yxy	72.4693, 0.3114, 0.4104
Android (android.graphics.Color)	4289654186 (0xFFAEEDAA)
YUV	210.5250, -19.9788, -32.0324
Hunter-Lab	85.1289, -33.6601, 25.3797

Details

The RGB color **174, 237, 170** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **233, 170, 237**, and the grayscale version is **211, 211, 211**.

A 20% lighter version of the original color is **231, 255, 226**, and **120, 181, 117** is the 20% darker color. If you saturate the color by 10%, you get **152, 237, 146**, and if you desaturate by 10%, it is **196, 237, 194**.

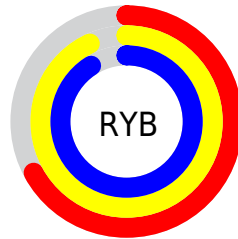
Distribution



Red (68%)

Green (93%)

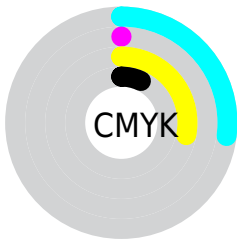
Blue (67%)



Red (67%)

Yellow (93%)

Blue (91%)

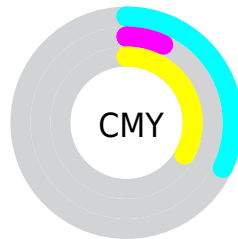


Cyan (27%)

Magenta (0%)

Yellow (28%)

Black (7%)



Cyan (32%)

Magenta (7%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the RGB color 174, 237, 170 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 174, 237, 170 by changing the saturation by 10% instead.

 174, 237, 170


255, 255, 255


 231, 255, 226

255, 255, 254

 174, 237, 170

 147, 209, 143

 120, 181, 117

 94, 154, 92

 68, 127, 68

 42, 102, 45

 12, 78, 23

 0, 54, 0

 0, 34, 0

 0, 0, 0

 174, 237, 170

 174, 237, 170

 152, 237, 146

 196, 237, 194

 129, 237, 123

 219, 237, 217

 107, 237, 99

 241, 237, 241


 85, 237, 75

 255, 237, 255

 63, 237, 51

 40, 237, 28

 18, 237, 4

 14, 237, 0

Harmonies

Analogous

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



220, 228, 146



174, 237, 170



125, 242, 208

Triad

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



174, 237, 170



147, 229, 255



255, 192, 195

Complementary

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



174, 237, 170



233, 170, 237

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, 235



174, 237, 170



209, 215, 255

Square

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



174, 237, 170



90, 238, 255



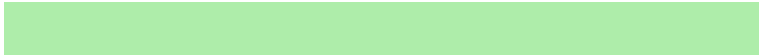
255, 201, 255



255, 201, 161

Rectangle

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



174, 237, 170



94, 243, 235



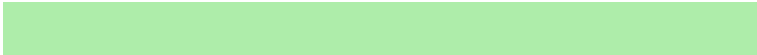
255, 201, 255



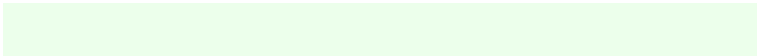
255, 191, 208

Sweetspot

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



174, 237, 170



236, 255, 235



237, 233, 170



116, 128, 115



0, 0, 0



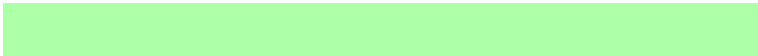
128, 128, 128

Same Dimension

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



174, 237, 170



173, 255, 168



170, 237, 199



106, 117, 106



11, 181, 0



3, 54, 0

Inverse Universe

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



233, 170, 237



250, 168, 255



237, 170, 208



117, 106, 117



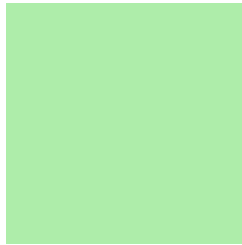
170, 0, 181



50, 0, 54

Previews

White Background



This preview shows how the RGB color 174, 237, 170 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 174, 237, 170 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 174, 237, 170 Background



This preview shows how black text looks on a background with the RGB color 174, 237, 170.

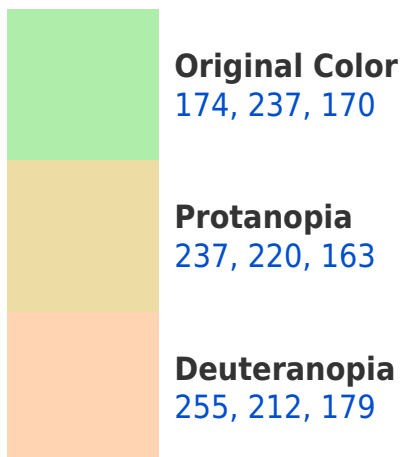


This preview shows how white text looks on a background with the RGB color 174, 237, 170.

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
187, 227, 245

Trichromacy



Original Color

174, 237, 170



Protanomaly

214, 226, 166



Deuteranomaly

226, 221, 176



Tritanomaly

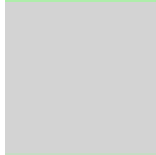
182, 231, 218

Monochromacy



Original Color

174, 237, 170



Achromatopsia

211, 211, 211



Achromatomaly

198, 220, 196

CSS Examples

Text

The CSS property to change the color of the text to RGB 174, 237, 170 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(174, 237, 170)` looks like.

```
.text, #text, p{  
    color:rgb(174, 237, 170)  
}
```

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(174, 237, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 237, 170) }
```

Border

The CSS property to change the border of an element to RGB 174, 237, 170 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(174, 237, 170) }
```

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

```
.border{ border-color:rgb(174, 237, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 237, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 237, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 237, 170);  
box-shadow:4px 4px 4px 4px rgb(174, 237,  
170) }
```

Background

The CSS property to change the background color of an element to RGB 174, 237, 170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 237, 170) }
```

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

```
.background{ background-color: rgb(174,  
237, 170) }
```

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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