

Converting Colors

RGB(172, 232, 111)

Have a look what the booklet for
RGB(172, 232, 111) contains.

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Color

RGB(172, 232, 111)

Conversions

Conversions Part 1

Format	Color
Hex	ACE86F
RGB	172, 232, 111
RGB Percent	67%, 91%, 44%
CMY	0.3255, 0.0902, 0.5647
CMYK	0.26, 0.00, 0.52, 0.09
HSL	90°, 72%, 67%
HSV	90°, 52%, 91%
XYZ	48.7391, 67.6316, 25.5243
YIQ	200.2660, 3.0810, -50.3510

Conversions

Conversions Part 2

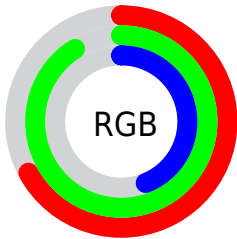
Format	Color
RYB	111, 232, 171
Decimal	11331695
CIELab	85.82, -38.68, 52.24
CIELCh	86, 65.000, 126.520
Yxy	67.6316, 0.3435, 0.4766
Android (android.graphics.Color)	4289521775 (0xFFACE86F)
YUV	200.2660, -44.0081, -24.7893
Hunter-Lab	82.2384, -38.1281, 39.1651

Details

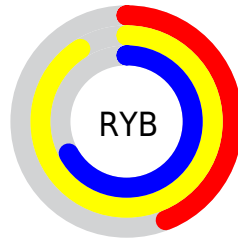
The RGB color **172, 232, 111** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **171, 111, 232**, and the grayscale version is **201, 201, 201**.

A 20% lighter version of the original color is **230, 255, 165**, and **116, 176, 58** is the 20% darker color. If you saturate the color by 10%, you get **160, 232, 88**, and if you desaturate by 10%, it is **184, 232, 134**.

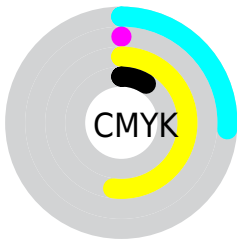
Distribution



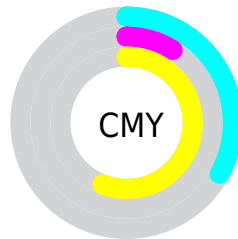
- Red (67%)
- Green (91%)
- Blue (44%)



- Red (44%)
- Yellow (91%)
- Blue (67%)



- Cyan (26%)
- Magenta (0%)
- Yellow (52%)
- Black (9%)



- Cyan (33%)
- Magenta (9%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the RGB color 172, 232, 111 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, 232, 111 by changing the saturation by 10% instead.

 172, 232, 111

255, 255, 255

 230, 255, 165

 255, 255, 193

 255, 255, 222

 255, 255, 251

 172, 232, 111

 144, 204, 85

 116, 176, 58

 89, 149, 30

 62, 123, 0

 33, 98, 0

 0, 73, 0


 0, 50, 0

 0, 29, 0

 0, 0, 0

 172, 232, 111

 172, 232, 111

 160, 232, 88


 184, 232, 134

 149, 232, 65

 195, 232, 157

 137, 232, 41

 207, 232, 181

 126, 232, 18

 218, 232, 204

 117, 232, 0

 230, 232, 227

 241, 232, 250

 253, 232, 255

 255, 232, 255

Harmonies

Analogous

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



237, 216, 86



172, 232, 111



79, 242, 163

Triad

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



172, 232, 111



0, 234, 255



255, 161, 203

Complementary

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



172, 232, 111



171, 111, 232

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, 170, 255



172, 232, 111



127, 217, 255

Square

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



172, 232, 111



0, 243, 255



236, 193, 255



255, 172, 145

Rectangle

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



172, 232, 111



0, 245, 205



236, 193, 255



255, 162, 224

Sweetspot

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



172, 232, 111



235, 255, 214



232, 169, 111



115, 128, 103



0, 0, 0



128, 128, 128

Same Dimension

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



172, 232, 111



175, 255, 94



113, 232, 111



109, 115, 103



90, 179, 0



26, 51, 0

Inverse Universe

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



171, 111, 232



174, 94, 255



230, 111, 232



109, 103, 115



89, 0, 179



25, 0, 51

Previews

White Background



This preview shows how the RGB color 172, 232, 111 looks on a white background.

Color Contrast Check

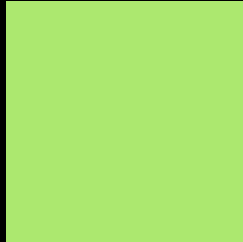
Large Text (above 18pt) WCAG AA × Fail

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, 232, 111 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, 232, 111 Background



This preview shows how black text looks on a background with the RGB color 172, 232, 111.

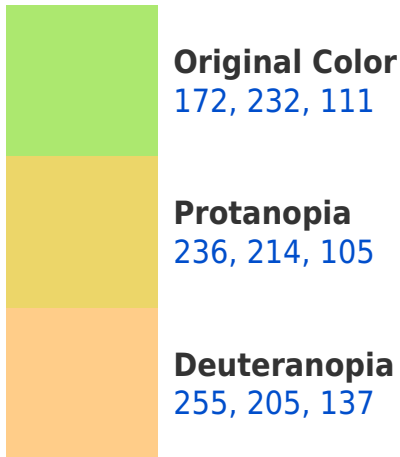


This preview shows how white text looks on a background with the RGB color 172, 232, 111.

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
190, 218, 236

Trichromacy



Original Color

172, 232, 111



Protanomaly

213, 221, 107



Deuteranomaly

225, 215, 128



Tritanomaly

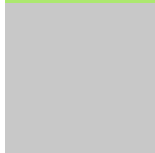
183, 223, 191

Monochromacy



Original Color

172, 232, 111



Achromatopsia

200, 200, 200



Achromatomaly

190, 212, 168

CSS Examples

Text

The CSS property to change the color of the text to RGB 172, 232, 111 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, 232, 111)` looks like.

```
.text, #text, p{  
    color:rgb(172, 232, 111)  
}
```

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, 232, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 232, 111) }
```

Border

The CSS property to change the border of an element to RGB 172, 232, 111 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, 232, 111) }
```

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

```
.border{ border-color:rgb(172, 232, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 232, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 232, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 232, 111);  
box-shadow:4px 4px 4px 4px rgb(172, 232,  
111) }
```

Background

The CSS property to change the background color of an element to RGB 172, 232, 111 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 232, 111) }
```

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

```
.background{ background-color: rgb(172,  
232, 111) }
```

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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