

Converting Colors

RGB(173, 230, 115)

Have a look what the booklet for
RGB(173, 230, 115) contains.

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Color

RGB(173, 230, 115)

Conversions

Conversions Part 1

Format	Color
Hex	ADE673
RGB	173, 230, 115
RGB Percent	68%, 90%, 45%
CMY	0.3216, 0.0980, 0.5490
CMYK	0.25, 0.00, 0.50, 0.10
HSL	90°, 70%, 68%
HSV	90°, 50%, 90%
XYZ	48.6249, 66.7157, 26.5343
YIQ	199.8470, 2.9430, -47.8490

Conversions

Conversions Part 2

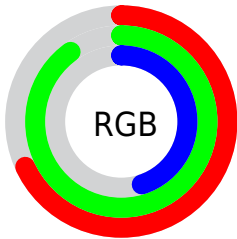
Format	Color
RYB	115, 230, 172
Decimal	11396723
CIELab	85.36, -37.00, 49.83
CIElCh	85, 62.071, 126.595
Yxy	66.7157, 0.3427, 0.4702
Android (android.graphics.Color)	4289586803 (0xFFADE673)
YUV	199.8470, -41.8296, -23.5448
Hunter-Lab	81.6797, -36.6762, 37.9149

Details

The RGB color **173, 230, 115** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **172, 115, 230**, and the grayscale version is **200, 200, 200**.

A 20% lighter version of the original color is **230, 255, 169**, and **118, 174, 63** is the 20% darker color. If you saturate the color by 10%, you get **162, 230, 92**, and if you desaturate by 10%, it is **184, 230, 138**.

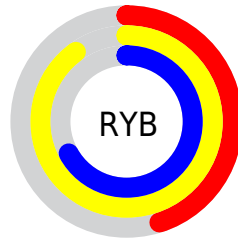
Distribution



Red (68%)

Green (90%)

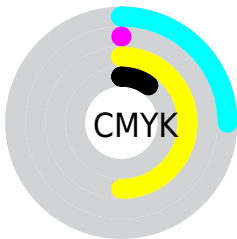
Blue (45%)



Red (45%)

Yellow (90%)

Blue (67%)

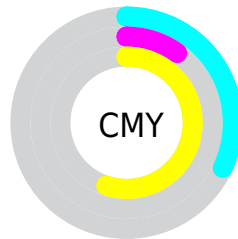


Cyan (25%)

Magenta (0%)

Yellow (50%)

Black (10%)



Cyan (32%)

Magenta (10%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the RGB color 173, 230, 115 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, 230, 115 by changing the saturation by 10% instead.

 173, 230, 115

255, 255, 255


 230, 255, 169


 255, 255, 197


 255, 255, 226

255, 255, 255

 173, 230, 115


 145, 202, 89

 118, 174, 63

 91, 147, 36

 64, 121, 0

 35, 96, 0

 0, 72, 0


 0, 49, 0

 0, 27, 0


 0, 0, 0

 173, 230, 115


 173, 230, 115

 162, 230, 92

 184, 230, 138

 150, 230, 69


 196, 230, 161

 139, 230, 46

 207, 230, 184

 127, 230, 23

 219, 230, 207

 116, 230, 0

 230, 230, 230

 241, 230, 253

 253, 230, 255

 255, 230, 255

Harmonies

Analogous

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



235, 214, 91



173, 230, 115



87, 239, 164

Triad

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



173, 230, 115



0, 232, 255



255, 163, 203

Complementary

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



173, 230, 115



172, 115, 230

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, 171, 255



173, 230, 115



133, 215, 255

Square

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



173, 230, 115



0, 241, 255



235, 193, 255



255, 173, 146

Rectangle

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



173, 230, 115



0, 242, 204



235, 193, 255



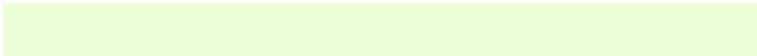
255, 164, 222

Sweetspot

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



173, 230, 115



236, 255, 217



230, 171, 115



116, 128, 105



0, 0, 0



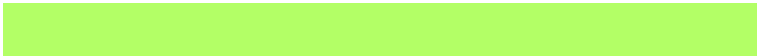
128, 128, 128

Same Dimension

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



173, 230, 115



179, 255, 102



117, 230, 115



109, 115, 103



90, 179, 0



26, 51, 0

Inverse Universe

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



172, 115, 230



178, 102, 255



228, 115, 230



109, 103, 115



88, 0, 179



25, 0, 51

Previews

White Background



This preview shows how the RGB color 173, 230, 115 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, 230, 115 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, 230, 115 Background



This preview shows how black text looks on a background with the RGB color 173, 230, 115.

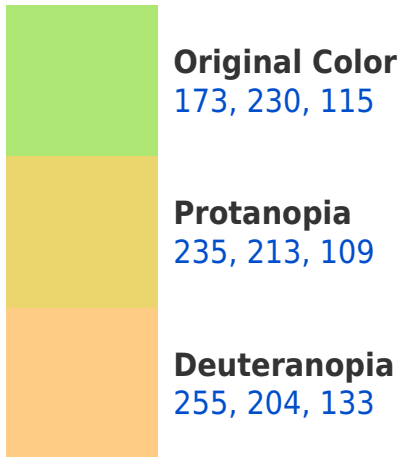


This preview shows how white text looks on a background with the RGB color 173, 230, 115.

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, 217, 234

Trichromacy



Original Color

173, 230, 115



Protanomaly

212, 219, 111



Deuteranomaly

225, 213, 126



Tritanomaly

184, 222, 191

Monochromacy



Original Color

173, 230, 115



Achromatopsia

200, 200, 200



Achromatomaly

190, 211, 169

CSS Examples

Text

The CSS property to change the color of the text to RGB 173, 230, 115 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, 230, 115)` looks like.

```
.text, #text, p{  
    color:rgb(173, 230, 115)  
}
```

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, 230, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 230, 115) }
```

Border

The CSS property to change the border of an element to RGB 173, 230, 115 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, 230, 115) }
```

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

```
.border{ border-color:rgb(173, 230, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 230, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 230, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 230, 115);  
box-shadow:4px 4px 4px 4px rgb(173, 230,  
115) }
```

Background

The CSS property to change the background color of an element to RGB 173, 230, 115 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 230, 115) }
```

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

```
.background{ background-color: rgb(173,  
230, 115) }
```

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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