

Converting Colors

RGB(173, 252, 142)

Have a look what the booklet for
RGB(173, 252, 142) contains.

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Color

RGB(173, 252, 142)

Conversions

Conversions Part 1

Format	Color
Hex	ADFC8E
RGB	173, 252, 142
RGB Percent	68%, 99%, 56%
CMY	0.3216, 0.0118, 0.4431
CMYK	0.31, 0.00, 0.44, 0.01
HSL	103°, 95%, 77%
HSV	103°, 44%, 99%
XYZ	56.9265, 80.4580, 38.1208
YIQ	215.8390, -11.7740, -50.9580

Conversions

Conversions Part 2

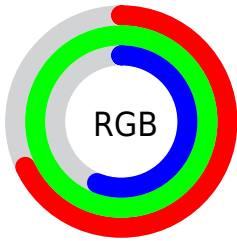
Format	Color
RYB	142, 252, 221
Decimal	11402382
CIELab	91.89, -43.58, 45.06
CIELCh	92, 62.683, 134.044
Yxy	80.4580, 0.3244, 0.4584
Android (android.graphics.Color)	4289592462 (0xFFADFC8E)
YUV	215.8390, -36.4026, -37.5698
Hunter-Lab	89.6984, -43.6884, 37.5913

Details

The RGB color **173, 252, 142** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **221, 142, 252**, and the grayscale version is **216, 216, 216**.

A 20% lighter version of the original color is **231, 255, 197**, and **117, 195, 89** is the 20% darker color. If you saturate the color by 10%, you get **155, 252, 117**, and if you desaturate by 10%, it is **191, 252, 167**.

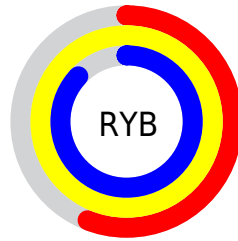
Distribution



Red (68%)

Green (99%)

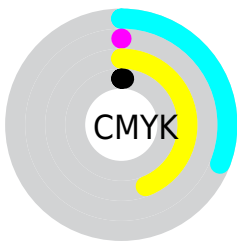
Blue (56%)



Red (56%)

Yellow (99%)

Blue (87%)

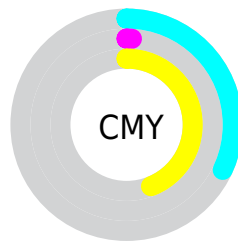


Cyan (31%)

Magenta (0%)

Yellow (44%)

Black (1%)



Cyan (32%)

Magenta (1%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the RGB color 173, 252, 142 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, 252, 142 by changing the saturation by 10% instead.

 173, 252, 142

255, 255, 255

 231, 255, 197

 255, 255, 226

255, 255, 255

 173, 252, 142

 145, 223, 115

 117, 195, 89


 89, 167, 64

 61, 141, 38

 30, 114, 6

 0, 89, 0

 0, 65, 0

 0, 43, 0

 0, 13, 0

■ 173, 252, 142

■ 173, 252, 142

■ 155, 252, 117

■ 191, 252, 167

■ 137, 252, 92

■ 209, 252, 192

■ 119, 252, 66

■ 227, 252, 218

■ 101, 252, 41

■ 245, 252, 243

■ 83, 252, 16

■ 255, 252, 255

■ 71, 252, 0

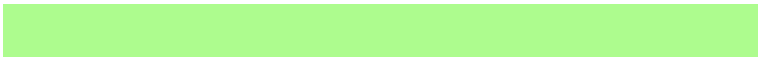
Harmonies

Analogous

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



240, 237, 110



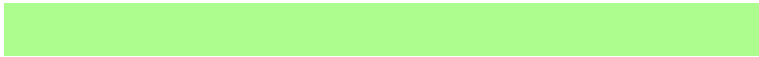
173, 252, 142



75, 255, 197

Triad

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



173, 252, 142



0, 247, 255



255, 182, 206

Complementary

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



173, 252, 142



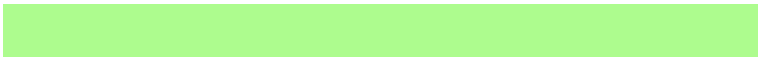
221, 142, 252

Split Complementary

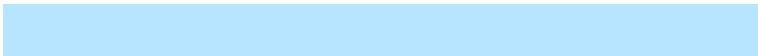
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 186, 255



173, 252, 142



183, 228, 255

Square

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



173, 252, 142



0, 255, 255



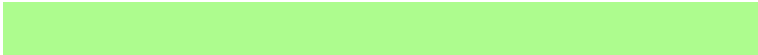
255, 205, 255



255, 195, 151

Rectangle

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



173, 252, 142



0, 255, 238



255, 205, 255



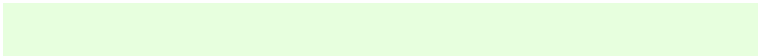
255, 181, 226

Sweetspot

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



173, 252, 142



231, 255, 222



252, 221, 142



113, 128, 107



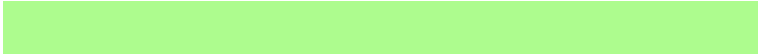
0, 0, 0



128, 128, 128

Same Dimension

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



173, 252, 142



160, 255, 122



142, 252, 166



116, 125, 112



53, 189, 0



17, 61, 0

Inverse Universe

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



221, 142, 252



218, 122, 255



252, 142, 228



121, 112, 125



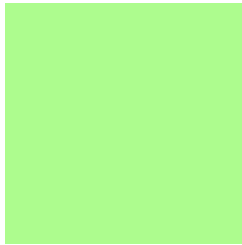
136, 0, 189



44, 0, 61

Previews

White Background



This preview shows how the RGB color 173, 252, 142 looks on a white background.

Color Contrast Check

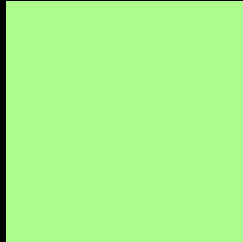
Large Text (above 18pt) WCAG AA × Fail

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, 252, 142 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, 252, 142 Background



This preview shows how black text looks on a background with the RGB color 173, 252, 142.

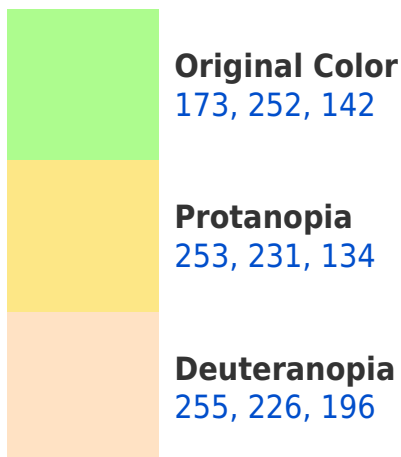


This preview shows how white text looks on a background with the RGB color 173, 252, 142.

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





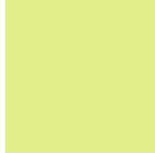
Tritanopia
197, 238, 255

Trichromacy



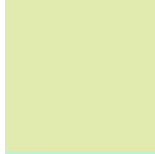
Original Color

173, 252, 142



Protanomaly

224, 239, 137



Deuteranomaly

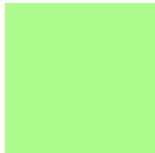
225, 235, 176



Tritanomaly

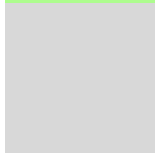
188, 243, 214

Monochromacy



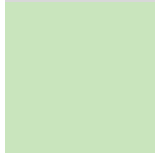
Original Color

173, 252, 142



Achromatopsia

216, 216, 216



Achromatomaly

200, 229, 189

CSS Examples

Text

The CSS property to change the color of the text to RGB 173, 252, 142 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, 252, 142)` looks like.

```
.text, #text, p{  
    color:rgb(173, 252, 142)  
}
```

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, 252, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 252, 142) }
```

Border

The CSS property to change the border of an element to RGB 173, 252, 142 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, 252, 142) }
```

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

```
.border{ border-color:rgb(173, 252, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 252, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 252, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 252, 142);  
box-shadow:4px 4px 4px 4px rgb(173, 252,  
142) }
```

Background

The CSS property to change the background color of an element to RGB 173, 252, 142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 252, 142) }
```

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

```
.background{ background-color: rgb(173,  
252, 142) }
```

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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