

Converting Colors

RGB(157, 240, 129)

Have a look what the booklet for
RGB(157, 240, 129) contains.

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Color

RGB(157, 240, 129)

Conversions

Conversions Part 1

Format	Color
Hex	9DF081
RGB	157, 240, 129
RGB Percent	62%, 94%, 51%
CMY	0.3843, 0.0588, 0.4941
CMYK	0.35, 0.00, 0.46, 0.06
HSL	105°, 79%, 72%
HSV	105°, 46%, 94%
XYZ	49.0272, 71.0733, 31.9034
YIQ	202.5290, -13.8370, -52.1170

Conversions

Conversions Part 2

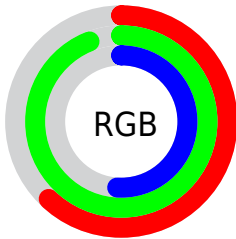
Format	Color
RYB	129, 240, 212
Decimal	10350721
CIELab	87.52, -45.22, 45.65
CIELCh	88, 64.250, 134.730
Yxy	71.0733, 0.3225, 0.4676
Android (android.graphics.Color)	4288540801 (0xFF9DF081)
YUV	202.5290, -36.2498, -39.9289
Hunter-Lab	84.3050, -43.7278, 36.5764

Details

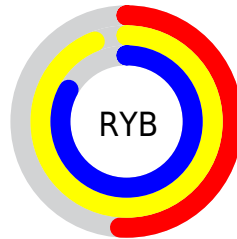
The RGB color **157, 240, 129** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **212, 129, 240**, and the grayscale version is **203, 203, 203**.

A 20% lighter version of the original color is **214, 255, 184**, and **101, 183, 77** is the 20% darker color. If you saturate the color by 10%, you get **139, 240, 105**, and if you desaturate by 10%, it is **175, 240, 153**.

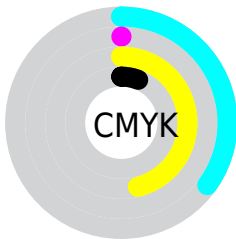
Distribution



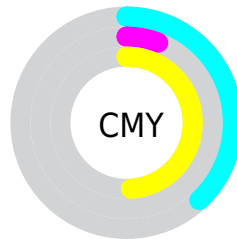
- Red (62%)
- Green (94%)
- Blue (51%)



- Red (51%)
- Yellow (94%)
- Blue (83%)



- Cyan (35%)
- Magenta (0%)
- Yellow (46%)
- Black (6%)



- Cyan (38%)
- Magenta (6%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the RGB color 157, 240, 129 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 157, 240, 129 by changing the saturation by 10% instead.

 157, 240, 129

255, 255, 255


 214, 255, 184


 244, 255, 212


 255, 255, 241

 157, 240, 129

 129, 211, 103

 101, 183, 77

 73, 156, 51

 43, 130, 24

 0, 104, 0

 0, 79, 0

 0, 55, 0

 0, 34, 0


 0, 0, 0

 157, 240, 129


 157, 240, 129

 139, 240, 105

 175, 240, 153

 121, 240, 81

 193, 240, 177

 103, 240, 57


 211, 240, 201

 85, 240, 33

 229, 240, 225

 67, 240, 9

 247, 240, 249

 61, 240, 0

 255, 240, 255

Harmonies

Analogous

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



226, 226, 95



157, 240, 129



38, 248, 185

Triad

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



157, 240, 129



0, 235, 255



255, 168, 191

Complementary

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



157, 240, 129



212, 129, 240

Split Complementary

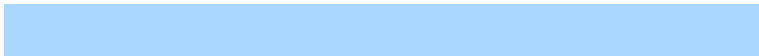
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 171, 253



157, 240, 129



170, 215, 255

Square

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



157, 240, 129



0, 246, 255



255, 191, 255



255, 182, 136

Rectangle

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



157, 240, 129



0, 250, 227



255, 191, 255



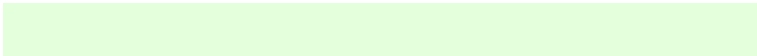
255, 166, 212

Sweetspot

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



157, 240, 129



228, 255, 219



240, 210, 129



111, 128, 106



0, 0, 0



128, 128, 128

Same Dimension

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



157, 240, 129



148, 255, 112



129, 240, 155



111, 120, 108



46, 184, 0



14, 56, 0

Inverse Universe

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



212, 129, 240



219, 112, 255



240, 129, 214



117, 108, 120



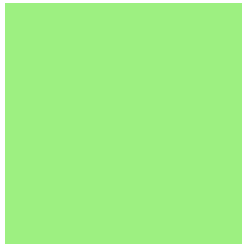
137, 0, 184



42, 0, 56

Previews

White Background



This preview shows how the RGB color 157, 240, 129 looks on a white background.

Color Contrast Check

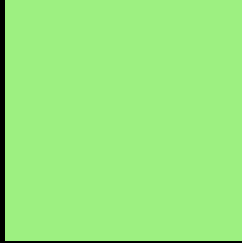
Large Text (above 18pt) WCAG AA × Fail

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 157, 240, 129 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

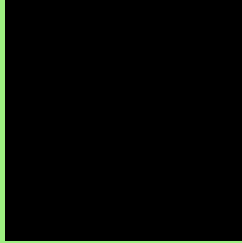
Any Text WCAG AA ✓ Pass

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 157, 240, 129 Background



This preview shows how black text looks on a background with the RGB color 157, 240, 129.

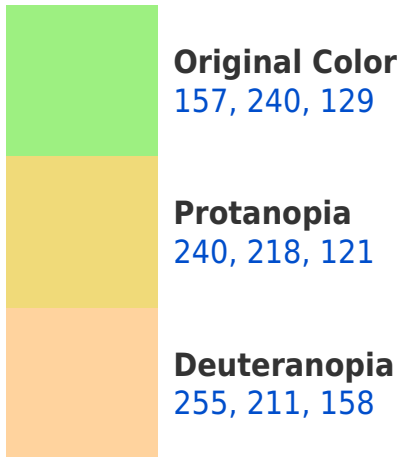


This preview shows how white text looks on a background with the RGB color 157, 240, 129.

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
177, 227, 245

Trichromacy



Original Color

157, 240, 129



Protanomaly

210, 226, 124



Deuteranomaly

219, 222, 147



Tritanomaly

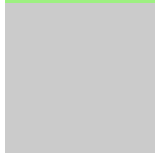
170, 232, 203

Monochromacy



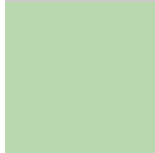
Original Color

157, 240, 129



Achromatopsia

203, 203, 203



Achromatomaly

186, 216, 176

CSS Examples

Text

The CSS property to change the color of the text to RGB 157, 240, 129 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(157, 240, 129)` looks like.

```
.text, #text, p{  
    color:rgb(157, 240, 129)  
}
```

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(157, 240, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 240, 129) }
```

Border

The CSS property to change the border of an element to RGB 157, 240, 129 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(157, 240, 129) }
```

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

```
.border{ border-color:rgb(157, 240, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 240, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 240, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 240, 129);  
box-shadow:4px 4px 4px 4px rgb(157, 240,  
129) }
```

Background

The CSS property to change the background color of an element to RGB 157, 240, 129 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 240, 129) }
```

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

```
.background{ background-color: rgb(157,  
240, 129) }
```

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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