

Converting Colors

RGB(122, 224, 157)

Have a look what the booklet for
RGB(122, 224, 157) contains.

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Color

RGB(122, 224, 157)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 7AE09D |
| RGB | 122, 224, 157 |
| RGB Percent | 48%, 88%, 62% |
| CMY | 0.5216, 0.1216, 0.3843 |
| CMYK | 0.46, 0.00, 0.30, 0.12 |
| HSL | 141°, 62%, 68% |
| HSV | 141°, 46%, 88% |
| XYZ | 40.7675, 59.8832, 41.3082 |
| YIQ | 185.8640, -39.2850, -42.4610 |

Conversions

Conversions Part 2

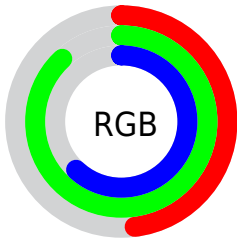
| Format | Color |
|-------------------------------------|--|
| RYB | 122, 198, 224 |
| Decimal | 8052893 |
| CIELab | 81.77, -44.37, 23.79 |
| CIElCh | 82, 50.344, 151.797 |
| Yxy | 59.8832, 0.2872, 0.4218 |
| Android (android.graphics.Color) | 4286242973 (0xFF7AE09D) |
| YUV | 185.8640, -14.2300, -56.0087 |
| Hunter-Lab | 77.3842, -41.3852, 22.5196 |

Details

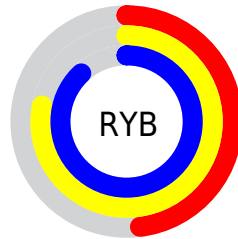
The RGB color **122, 224, 157** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **224, 122, 189**, and the grayscale version is **186, 186, 186**.

A 20% lighter version of the original color is **179, 255, 212**, and **64, 168, 105** is the 20% darker color. If you saturate the color by 10%, you get **100, 224, 142**, and if you desaturate by 10%, it is **144, 224, 172**.

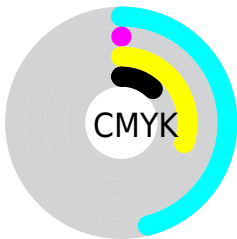
Distribution



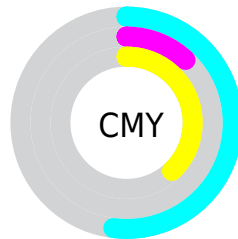
- Red (48%)
- Green (88%)
- Blue (62%)



- Red (48%)
- Yellow (78%)
- Blue (88%)



- Cyan (46%)
- Magenta (0%)
- Yellow (30%)
- Black (12%)



- Cyan (52%)
- Magenta (12%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the RGB color 122, 224, 157 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 122, 224, 157 by changing the saturation by 10% instead.

 122, 224, 157


255, 255, 255


 179, 255, 212


 208, 255, 240


 237, 255, 255

 122, 224, 157

 94, 196, 131

 64, 168, 105

 31, 141, 81

 0, 115, 57

 0, 90, 35

 0, 65, 12

 0, 43, 0

 0, 12, 0

 0, 0, 0

 122, 224, 157

 122, 224, 157

 100, 224, 142

 144, 224, 172

 77, 224, 128

 167, 224, 186

 55, 224, 113

 189, 224, 201

 32, 224, 98

 212, 224, 216

 10, 224, 83

 234, 224, 231

 0, 224, 77

 255, 224, 245

 255, 224, 255

Harmonies

Analogous

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



181, 215, 121



122, 224, 157



15, 228, 205

Triad

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



122, 224, 157



133, 207, 255



255, 170, 156

Complementary

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



122, 224, 157



224, 122, 189

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, 165, 202



122, 224, 157



211, 190, 255

Square

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



122, 224, 157



0, 220, 255



255, 173, 249



255, 185, 121

Rectangle

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



122, 224, 157



0, 228, 237



255, 173, 249



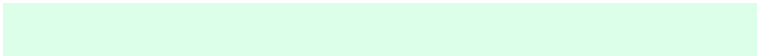
255, 167, 171

Sweetspot

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



122, 224, 157



219, 255, 232



190, 224, 122



106, 128, 113



0, 0, 0



128, 128, 128

Same Dimension

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



122, 224, 157



115, 255, 163



122, 224, 207



101, 112, 105



0, 176, 60



0, 48, 17

Inverse Universe

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



224, 122, 189



255, 115, 207



224, 122, 139



112, 101, 108



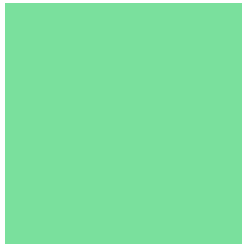
176, 0, 116



48, 0, 32

Previews

White Background



This preview shows how the RGB color 122, 224, 157 looks on a white background.

Color Contrast Check

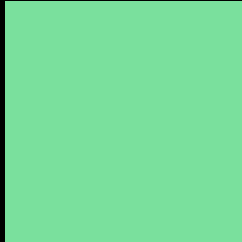
Large Text (above 18pt) WCAG AA × Fail

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 122, 224, 157 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

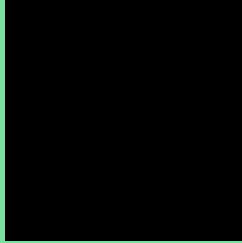
Any Text WCAG AA ✓ Pass

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 122, 224, 157 Background



This preview shows how black text looks on a background with the RGB color 122, 224, 157.

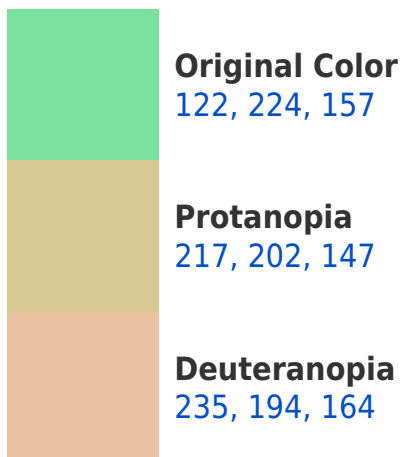


This preview shows how white text looks on a background with the RGB color 122, 224, 157.

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
140, 214, 232

Trichromacy



Original Color

122, 224, 157



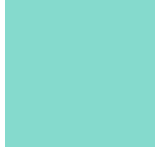
Protanomaly

182, 210, 151



Deuteranomaly

194, 205, 161



Tritanomaly

133, 218, 205

Monochromacy



Original Color

122, 224, 157



Achromatopsia

186, 186, 186



Achromatomaly

163, 200, 175

CSS Examples

Text

The CSS property to change the color of the text to RGB 122, 224, 157 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(122, 224, 157)` looks like.

```
.text, #text, p{  
    color:rgb(122, 224, 157)  
}
```

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(122, 224, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 224, 157) }
```

Border

The CSS property to change the border of an element to RGB 122, 224, 157 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(122, 224, 157) }
```

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

```
.border{ border-color:rgb(122, 224, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 224, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(122, 224, 157); -webkit-box-shadow:4px 4px 4px 4px rgb(122, 224, 157); box-shadow:4px 4px 4px 4px rgb(122, 224, 157) }
```

Background

The CSS property to change the background color of an element to RGB 122, 224, 157 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 224, 157) }
```

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

```
.background{ background-color: rgb(122,  
224, 157) }
```

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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