

Converting Colors

RGB(130, 224, 173)

Have a look what the booklet for
RGB(130, 224, 173) contains.

RGB(130, 224, 173)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(130, 224, 173)

Conversions

Conversions Part 1

Format	Color
Hex	82E0AD
RGB	130, 224, 173
RGB Percent	51%, 88%, 68%
CMY	0.4902, 0.1216, 0.3216
CMYK	0.42, 0.00, 0.23, 0.12
HSL	147°, 60%, 69%
HSV	147°, 42%, 88%
XYZ	43.4044, 61.0743, 49.0360
YIQ	190.0800, -39.6530, -35.7890

Conversions

Conversions Part 2

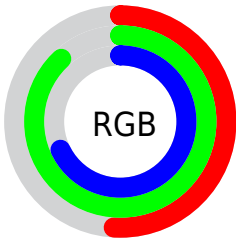
Format	Color
RYB	130, 194, 224
Decimal	8577197
CIELab	82.42, -39.18, 16.39
CIELCh	82, 42.470, 157.306
Yxy	61.0743, 0.2827, 0.3978
Android (android.graphics.Color)	4286767277 (0xFF82E0AD)
YUV	190.0800, -8.4204, -52.6902
Hunter-Lab	78.1500, -37.6239, 17.5029

Details

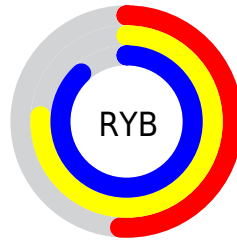
The RGB color **130, 224, 173** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **224, 130, 181**, and the grayscale version is **190, 190, 190**.

A 20% lighter version of the original color is **186, 255, 229**, and **74, 168, 121** is the 20% darker color. If you saturate the color by 10%, you get **108, 224, 161**, and if you desaturate by 10%, it is **152, 224, 185**.

Distribution



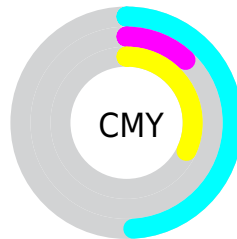
- Red (51%)
- Green (88%)
- Blue (68%)



- Red (51%)
- Yellow (76%)
- Blue (88%)



- Cyan (42%)
- Magenta (0%)
- Yellow (23%)
- Black (12%)



- Cyan (49%)
- Magenta (12%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the RGB color 130, 224, 173 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 130, 224, 173 by changing the saturation by 10% instead.

 130, 224, 173


255, 255, 255


 186, 255, 229

 215, 255, 255


 245, 255, 255

 130, 224, 173

 102, 196, 146


 74, 168, 121

 44, 141, 96

 0, 115, 72

 0, 90, 49

 0, 66, 27

 0, 43, 3

 0, 16, 0

 0, 0, 0

 130, 224, 173

 130, 224, 173

 108, 224, 161

 152, 224, 185

 85, 224, 149

 175, 224, 197

 63, 224, 137

 197, 224, 209

 40, 224, 124

 220, 224, 222

 18, 224, 112

 242, 224, 234

 0, 224, 102

 255, 224, 246

 255, 224, 255

Harmonies

Analogous

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



179, 217, 140



130, 224, 173



76, 227, 214

Triad

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



130, 224, 173



164, 206, 255



255, 180, 159

Complementary

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



130, 224, 173



224, 130, 181

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, 174, 197



130, 224, 173



223, 191, 255

Square

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



130, 224, 173



95, 217, 255



255, 179, 237



255, 192, 132

Rectangle

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



130, 224, 173



43, 226, 240



255, 179, 237



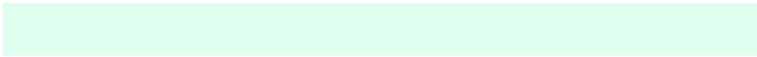
255, 177, 171

Sweetspot

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



130, 224, 173



222, 255, 237



182, 224, 130



107, 128, 116



0, 0, 0



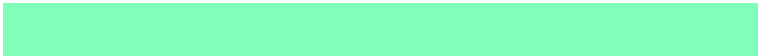
128, 128, 128

Same Dimension

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



130, 224, 173



128, 255, 186



130, 224, 219



101, 112, 106



0, 176, 80



0, 48, 22

Inverse Universe

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



224, 130, 181



255, 128, 197



224, 130, 135



112, 101, 107



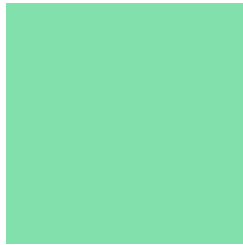
176, 0, 95



48, 0, 26

Previews

White Background



This preview shows how the RGB color 130, 224, 173 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 130, 224, 173 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

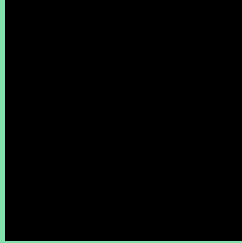
Any Text WCAG AA ✓ Pass

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 130, 224, 173 Background



This preview shows how black text looks on a background with the RGB color 130, 224, 173.

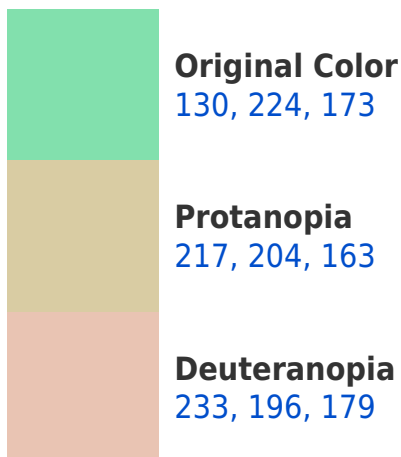


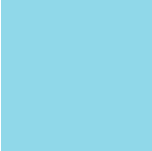
This preview shows how white text looks on a background with the RGB color 130, 224, 173.

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
144, 216, 233

Trichromacy



Original Color

130, 224, 173



Protanomaly

185, 211, 167



Deuteranomaly

196, 206, 177



Tritanomaly

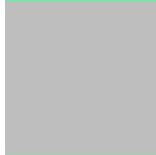
139, 219, 211

Monochromacy



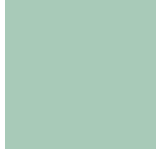
Original Color

130, 224, 173



Achromatopsia

190, 190, 190



Achromatomaly

168, 202, 184

CSS Examples

Text

The CSS property to change the color of the text to RGB 130, 224, 173 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(130, 224, 173)` looks like.

```
.text, #text, p{  
    color:rgb(130, 224, 173)  
}
```

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(130, 224, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 224, 173) }
```

Border

The CSS property to change the border of an element to RGB 130, 224, 173 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(130, 224, 173) }
```

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

```
.border{ border-color:rgb(130, 224, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 224, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(130, 224, 173); -webkit-box-shadow:4px 4px 4px 4px rgb(130, 224, 173); box-shadow:4px 4px 4px 4px rgb(130, 224, 173) }
```

Background

The CSS property to change the background color of an element to RGB 130, 224, 173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 224, 173) }
```

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

```
.background{ background-color: rgb(130,  
224, 173) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor