

Converting Colors

RGB(145, 227, 177)

Have a look what the booklet for
RGB(145, 227, 177) contains.

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Color

RGB(145, 227, 177)

Conversions

Conversions Part 1

Format	Color
Hex	91E3B1
RGB	145, 227, 177
RGB Percent	57%, 89%, 69%
CMY	0.4314, 0.1098, 0.3059
CMYK	0.36, 0.00, 0.22, 0.11
HSL	143°, 59%, 73%
HSV	143°, 36%, 89%
XYZ	47.0820, 64.1322, 51.4923
YIQ	196.7820, -32.8220, -32.9340

Conversions

Conversions Part 2

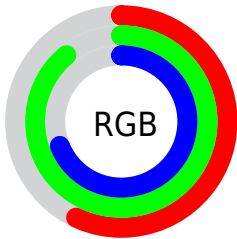
Format	Color
RYB	145, 204, 227
Decimal	9561009
CIELab	84.03, -35.57, 16.65
CIELCh	84, 39.272, 154.910
Yxy	64.1322, 0.2894, 0.3942
Android (android.graphics.Color)	4287751089 (0xFF91E3B1)
YUV	196.7820, -9.7525, -45.4128
Hunter-Lab	80.0826, -35.2013, 17.9350

Details

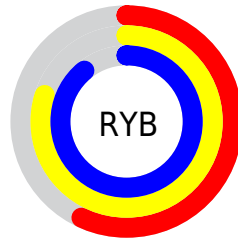
The RGB color **145, 227, 177** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **227, 145, 195**, and the grayscale version is **197, 197, 197**.

A 20% lighter version of the original color is **201, 255, 233**, and **91, 171, 124** is the 20% darker color. If you saturate the color by 10%, you get **122, 227, 163**, and if you desaturate by 10%, it is **168, 227, 191**.

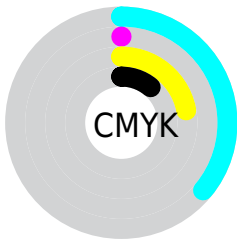
Distribution



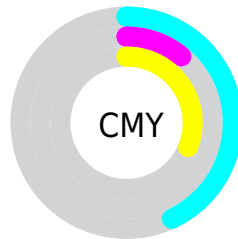
- Red (57%)
- Green (89%)
- Blue (69%)



- Red (57%)
- Yellow (80%)
- Blue (89%)



- Cyan (36%)
- Magenta (0%)
- Yellow (22%)
- Black (11%)



- Cyan (43%)
- Magenta (11%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the RGB color 145, 227, 177 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 145, 227, 177 by changing the saturation by 10% instead.

 145, 227, 177


255, 255, 255


 201, 255, 233

 230, 255, 255

 145, 227, 177

 118, 199, 150


 91, 171, 124


 64, 144, 99

 35, 118, 75

 0, 93, 52

 0, 69, 31

 0, 46, 8

 0, 23, 0

 0, 0, 0

 145, 227, 177

 145, 227, 177

 122, 227, 163

 168, 227, 191

 100, 227, 149

 190, 227, 205

 77, 227, 135

 213, 227, 219

 54, 227, 122

 236, 227, 232

 32, 227, 108

 255, 227, 246

 9, 227, 94

 255, 227, 255

 0, 227, 89

Harmonies

Analogous

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



189, 220, 148



145, 227, 177



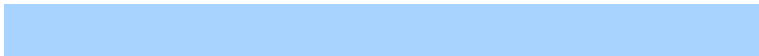
101, 230, 215

Triad

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



145, 227, 177



168, 211, 255



255, 186, 169

Complementary

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



145, 227, 177



227, 145, 195

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, 181, 205



145, 227, 177



222, 198, 255

Square

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



145, 227, 177



111, 222, 255



255, 186, 242



255, 197, 143

Rectangle

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



145, 227, 177



80, 229, 239



255, 186, 242



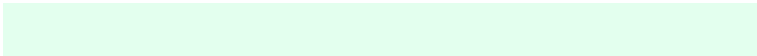
255, 183, 180

Sweetspot

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



145, 227, 177



227, 255, 238



196, 227, 145



111, 128, 117



0, 0, 0



128, 128, 128

Same Dimension

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



145, 227, 177



145, 255, 188



145, 227, 217



103, 115, 108



0, 179, 70



0, 51, 20

Inverse Universe

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



227, 145, 195



255, 145, 212



227, 145, 155



115, 103, 110



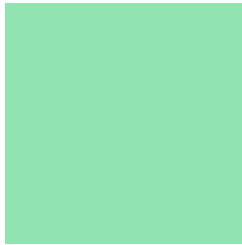
179, 0, 109



51, 0, 31

Previews

White Background



This preview shows how the RGB color 145, 227, 177 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 145, 227, 177 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

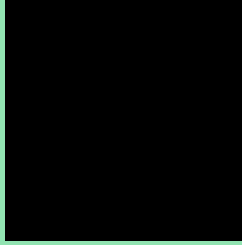
Any Text WCAG AA ✓ Pass

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 145, 227, 177 Background



This preview shows how black text looks on a background with the RGB color 145, 227, 177.

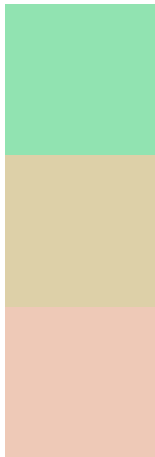


This preview shows how white text looks on a background with the RGB color 145, 227, 177.

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



Original Color
145, 227, 177

Protanopia
221, 208, 168

Deuteranopia
238, 201, 183



Tritanopia
158, 219, 237

Trichromacy



Original Color

145, 227, 177



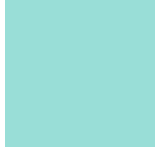
Protanomaly

193, 215, 171



Deuteranomaly

204, 210, 181



Tritanomaly

153, 222, 215

Monochromacy



Original Color

145, 227, 177



Achromatopsia

197, 197, 197



Achromatomaly

178, 208, 190

CSS Examples

Text

The CSS property to change the color of the text to RGB 145, 227, 177 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(145, 227, 177)` looks like.

```
.text, #text, p{  
    color:rgb(145, 227, 177)  
}
```

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(145, 227, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 227, 177) }
```

Border

The CSS property to change the border of an element to RGB 145, 227, 177 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(145, 227, 177) }
```

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

```
.border{ border-color:rgb(145, 227, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 227, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(145, 227, 177); -webkit-box-shadow:4px 4px 4px 4px rgb(145, 227, 177); box-shadow:4px 4px 4px 4px rgb(145, 227, 177) }
```

Background

The CSS property to change the background color of an element to RGB 145, 227, 177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 227, 177) }
```

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

```
.background{ background-color: rgb(145,  
227, 177) }
```

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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