

Converting Colors

RGB(145, 232, 186)

Have a look what the booklet for
RGB(145, 232, 186) contains.

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Color

RGB(145, 232, 186)

Conversions

Conversions Part 1

Format	Color
Hex	91E8BA
RGB	145, 232, 186
RGB Percent	57%, 91%, 73%
CMY	0.4314, 0.0902, 0.2706
CMYK	0.38, 0.00, 0.20, 0.09
HSL	148°, 65%, 74%
HSV	148°, 38%, 91%
XYZ	49.3966, 67.2781, 56.8369
YIQ	200.7430, -37.0860, -32.7500

Conversions

Conversions Part 2

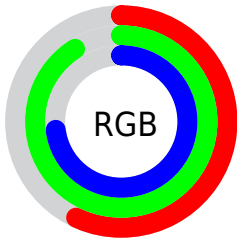
Format	Color
RYB	145, 204, 232
Decimal	9562298
CIELab	85.64, -36.12, 14.21
CIELCh	86, 38.820, 158.522
Yxy	67.2781, 0.2847, 0.3877
Android (android.graphics.Color)	4287752378 (0xFF91E8BA)
YUV	200.7430, -7.2683, -48.8866
Hunter-Lab	82.0233, -36.0432, 16.3321

Details

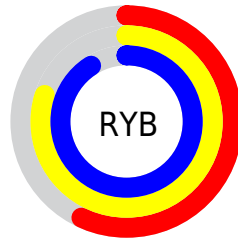
The RGB color **145, 232, 186** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **232, 145, 191**, and the grayscale version is **201, 201, 201**.

A 20% lighter version of the original color is **201, 255, 242**, and **90, 176, 133** is the 20% darker color. If you saturate the color by 10%, you get **122, 232, 174**, and if you desaturate by 10%, it is **168, 232, 198**.

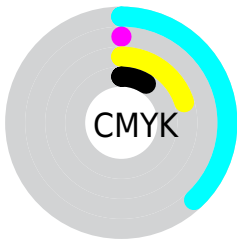
Distribution



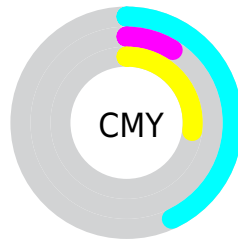
- Red (57%)
- Green (91%)
- Blue (73%)



- Red (57%)
- Yellow (80%)
- Blue (91%)



- Cyan (38%)
- Magenta (0%)
- Yellow (20%)
- Black (9%)



- Cyan (43%)
- Magenta (9%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the RGB color 145, 232, 186 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, 232, 186 by changing the saturation by 10% instead.


 145, 232, 186

 145, 232, 186

255, 255, 255


 117, 204, 159

 201, 255, 242

 90, 176, 133

 231, 255, 255

 62, 149, 107

 32, 123, 83

 0, 97, 60

 0, 73, 38

 0, 49, 17

 0, 28, 0

 0, 0, 0


 145, 232, 186

 145, 232, 186

 122, 232, 174

 168, 232, 198

 99, 232, 161

 191, 232, 211

 75, 232, 149

 215, 232, 223

 52, 232, 137

 238, 232, 235

 29, 232, 125

 255, 232, 247

 6, 232, 112

 255, 232, 255

 0, 232, 109

Harmonies

Analogous

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



189, 225, 156



145, 232, 186



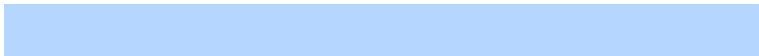
104, 234, 224

Triad

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



145, 232, 186



180, 214, 255



255, 191, 170

Complementary

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



145, 232, 186



232, 145, 191

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, 205



145, 232, 186



232, 201, 255

Square

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



145, 232, 186



124, 225, 255



255, 190, 242



255, 203, 146

Rectangle

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



145, 232, 186



88, 233, 248



255, 190, 242



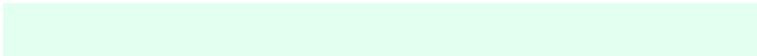
255, 189, 181

Sweetspot

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



145, 232, 186



227, 255, 240



191, 232, 145



111, 128, 119



0, 0, 0



128, 128, 128

Same Dimension

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



145, 232, 186



140, 255, 194



145, 232, 229



103, 115, 109



0, 179, 84



0, 51, 24

Inverse Universe

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



232, 145, 191



255, 140, 201



232, 145, 148



115, 103, 109



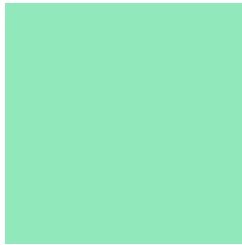
179, 0, 94



51, 0, 27

Previews

White Background



This preview shows how the RGB color 145, 232, 186 looks on a white background.

Color Contrast Check

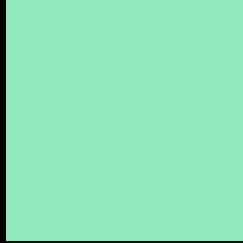
Large Text (above 18pt) WCAG AA × Fail

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, 232, 186 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, 232, 186 Background



This preview shows how black text looks on a background with the RGB color 145, 232, 186.

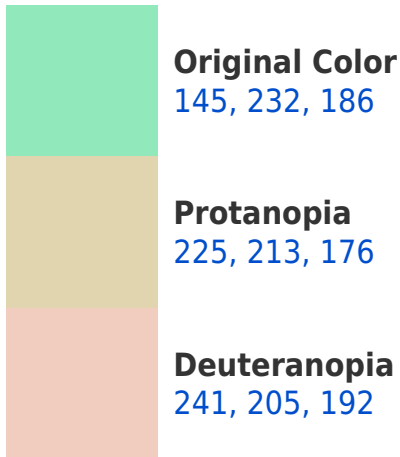


This preview shows how white text looks on a background with the RGB color 145, 232, 186.

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
158, 224, 242

Trichromacy



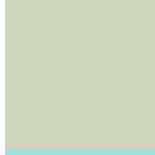
Original Color

145, 232, 186



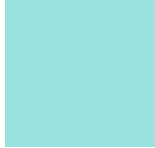
Protanomaly

196, 220, 180



Deuteranomaly

206, 215, 190



Tritanomaly

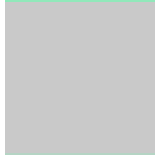
153, 227, 222

Monochromacy



Original Color

145, 232, 186



Achromatopsia

201, 201, 201



Achromatomaly

181, 212, 196

CSS Examples

Text

The CSS property to change the color of the text to RGB 145, 232, 186 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, 232, 186)` looks like.

```
.text, #text, p{  
    color:rgb(145, 232, 186)  
}
```

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, 232, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 232, 186) }
```

Border

The CSS property to change the border of an element to RGB 145, 232, 186 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, 232, 186) }
```

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

```
.border{ border-color:rgb(145, 232, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 232, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 232, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 232, 186);  
box-shadow:4px 4px 4px 4px rgb(145, 232,  
186) }
```

Background

The CSS property to change the background color of an element to RGB 145, 232, 186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 232, 186) }
```

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

```
.background{ background-color: rgb(145,  
232, 186) }
```

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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