

Converting Colors

RGB(19, 232, 186)

Have a look what the booklet for
RGB(19, 232, 186) contains.

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Color

RGB(19, 232, 186)

Conversions

Conversions Part 1

Format	Color
Hex	13E8BA
RGB	19, 232, 186
RGB Percent	7%, 91%, 73%
CMY	0.9255, 0.0902, 0.2706
CMYK	0.92, 0.00, 0.20, 0.09
HSL	167°, 85%, 49%
HSV	167°, 92%, 91%
XYZ	37.9881, 61.3968, 56.3030
YIQ	163.0690, -112.1820, -59.4620

Conversions

Conversions Part 2

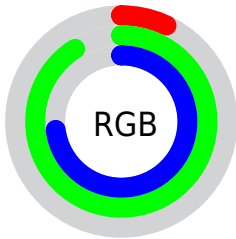
Format	Color
R _Y B	19, 138, 232
Decimal	1304762
CIE Lab	82.59, -56.66, 9.46
CIE LCh	83, 57.444, 170.525
Yxy	61.3968, 0.2440, 0.3944
Android (android.graphics.Color)	4279494842 (0xFF13E8BA)
YUV	163.0690, 11.3050, -126.3485
Hunter-Lab	78.3561, -50.5841, 12.2463

Details

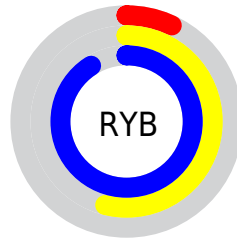
The RGB color **19, 232, 186** is a dark color, and the websafe version is hex **33FFCC**. The color can be described as middle washed spring green. A complement of this color would be **232, 19, 65**, and the grayscale version is **163, 163, 163**.

A 20% lighter version of the original color is **114, 255, 242**, and **0, 175, 133** is the 20% darker color. If you saturate the color by 10%, you get **0, 232, 182**, and if you desaturate by 10%, it is **42, 232, 191**.

Distribution



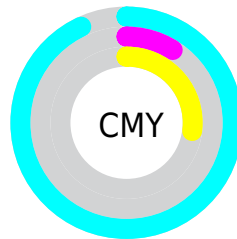
- Red (7%)
- Green (91%)
- Blue (73%)



- Red (7%)
- Yellow (54%)
- Blue (91%)



- Cyan (92%)
- Magenta (0%)
- Yellow (20%)
- Black (9%)




















- Cyan (93%)
- Magenta (9%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the RGB color 19, 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 19, 232, 186 by changing the saturation by 10% instead.

 19, 232, 186	 19, 232, 186
 255, 255, 255	 0, 203, 159
 114, 255, 242	 0, 175, 133
 147, 255, 255	 0, 148, 108
 180, 255, 255	 0, 121, 83
 211, 255, 255	 0, 95, 60
 243, 255, 255	 0, 70, 38
	 0, 47, 18
	 0, 16, 0
	 0, 0, 0

■ 19, 232, 186

■ 19, 232, 186

■ 0, 232, 182

■ 42, 232, 191

■ 65, 232, 196

■ 89, 232, 201

■ 112, 232, 206

■ 135, 232, 211

■ 158, 232, 216

■ 181, 232, 221

■ 205, 232, 226

■ 228, 232, 231

Harmonies

Analogous

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



138, 226, 134



19, 232, 186



0, 233, 242

Triad

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



19, 232, 186



182, 198, 255



255, 177, 124

Complementary

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



19, 232, 186



232, 19, 65

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, 162, 171



19, 232, 186



255, 177, 255

Square

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



19, 232, 186



52, 216, 255



255, 162, 225



252, 197, 97

Rectangle

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



19, 232, 186



0, 230, 255



255, 162, 225



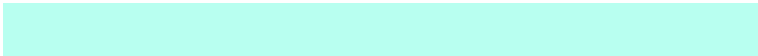
255, 171, 138

Sweetspot

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



19, 232, 186



184, 255, 240



65, 232, 19



84, 128, 118



0, 0, 0



128, 128, 128

Same Dimension

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



19, 232, 186



0, 255, 200



19, 172, 232



103, 115, 112



0, 179, 140



0, 51, 40

Inverse Universe

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



232, 19, 65



255, 0, 55



232, 79, 19



115, 103, 106



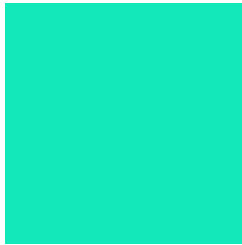
179, 0, 39



51, 0, 11

Previews

White Background



This preview shows how the RGB color 19, 232, 186 looks on a white background.

Color Contrast Check

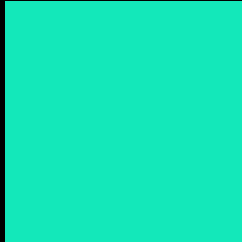
Large Text (above 18pt) WCAG AA × Fail

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 19, 232, 186 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

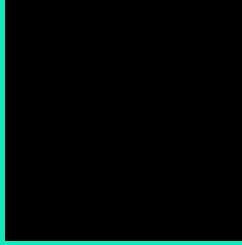
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

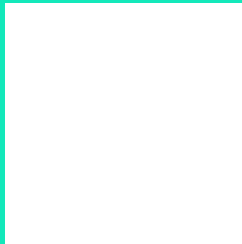
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 19, 232, 186 Background



This preview shows how black text looks on a background with the RGB color 19, 232, 186.

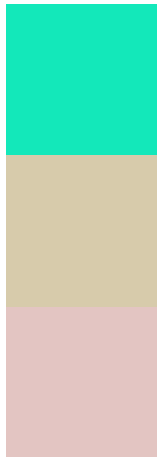


This preview shows how white text looks on a background with the RGB color 19, 232, 186.

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](#).

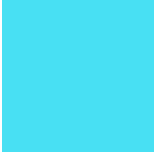
Dichromacy



Original Color
19, 232, 186

Protanopia
215, 203, 171

Deuteranopia
227, 197, 194



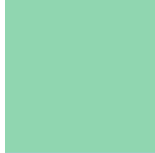
Tritanopia
72, 224, 243

Trichromacy



Original Color

19, 232, 186



Protanomaly

144, 214, 176



Deuteranomaly

151, 210, 191



Tritanomaly

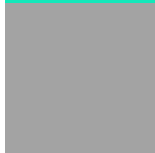
53, 227, 222

Monochromacy



Original Color

19, 232, 186



Achromatopsia

163, 163, 163



Achromatomaly

111, 188, 171

CSS Examples

Text

The CSS property to change the color of the text to RGB 19, 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(19, 232, 186)` looks like.

```
.text, #text, p{  
    color:rgb(19, 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(19, 232, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(19, 232, 186) }
```

Border

The CSS property to change the border of an element to RGB 19, 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(19, 232, 186) }
```

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

```
.border{ border-color:rgb(19, 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(19, 232, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(19, 232, 186); -webkit-box-shadow:4px 4px 4px 4px rgb(19, 232, 186); box-shadow:4px 4px 4px 4px rgb(19, 232, 186) }
```

Background

The CSS property to change the background color of an element to RGB 19, 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(19, 232, 186) }
```

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

```
.background{ background-color: rgb(19, 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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