

Converting Colors

Hex(18E9C5)

Have a look what the booklet for
Hex(18E9C5) contains.

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Color

Hex(18E9C5)

Conversions

Conversions Part 1

Format	Color
Hex	18E9C5
RGB	24, 233, 197
RGB Percent	9%, 91%, 77%
CMY	0.9059, 0.0863, 0.2275
CMYK	0.90, 0.00, 0.15, 0.09
HSL	170°, 83%, 50%
HSV	170°, 90%, 91%
XYZ	39.5936, 62.5032, 62.8009
YIQ	166.4050, -113.0080, -55.5040

Conversions

Conversions Part 2

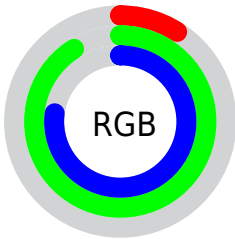
Format	Color
R _Y B	24, 138, 233
Decimal	1632709
CIE Lab	83.18, -54.08, 4.52
CIE LCh	83, 54.269, 175.223
Yxy	62.5032, 0.2401, 0.3790
Android (android.graphics.Color)	4279822789 (0xFF18E9C5)
YUV	166.4050, 15.0833, -124.8892
Hunter-Lab	79.0590, -48.9584, 8.2440

Details

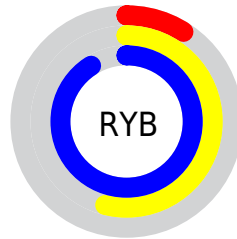
The Hex color **18E9C5** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light washed cyan. A complement of this color would be **E9183C**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **74FFFE**, and **00B08F** is the 20% darker color. If you saturate the color by 10%, you get **01E9C1**, and if you desaturate by 10%, it is **2FE9C9**.

Distribution



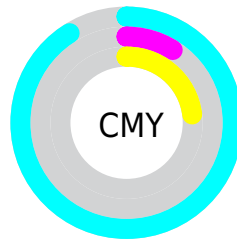
- Red (9%)
- Green (91%)
- Blue (77%)



- Red (9%)
- Yellow (54%)
- Blue (91%)



- Cyan (90%)
- Magenta (0%)
- Yellow (15%)
- Black (9%)



- Cyan (91%)
- Magenta (9%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Hex color 18E9C5 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 Hex color 18E9C5 by changing the saturation by 10% instead.

 18E9C5

 18E9C5


FFFFFF

 00CCAA

 74FFFE

 00B08F

 96FFFF

 009576

 B6FFFF

 007A5D

 D6FFFF

 006046

 F5FFFF

 00472F

 00301A

 001300

 000000

■ 18E9C5

■ 18E9C5

■ 01E9C1

■ 2FE9C9

■ 00E9C1

■ 47E9CD

■ 5EE9D1

■ 75E9D5

■ 8DE9D9

■ A4E9DD

■ BBE9E1

■ D2E9E5

■ EAE9E9

Harmonies

Analogous

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



85E493



18E9C5



00E9F9

Triad

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



18E9C5



C7C5FF



FFB77D

Complementary

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



18E9C5



E9183C

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.



FFA8A6



18E9C5



FFB2FF

Square

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



18E9C5



65D7FF



FFA6DA



F6CA67

Rectangle

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



18E9C5



00E6FF



FFA6DA



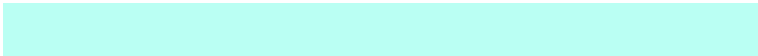
FFB189

Sweetspot

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



18E9C5



BAFFF3



3EE918



578078



000000



808080

Same Dimension

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



18E9C5



00FFD3



18A7E9



6A7573



00B596



00362C

Inverse Universe

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



E9183C



FF002C



E95A18



756A6C



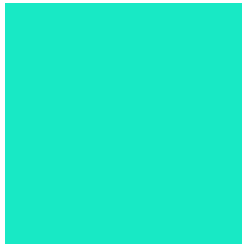
B5001F



360009

Previews

White Background



This preview shows how the Hex color 18E9C5 looks on a white background.

Color Contrast Check

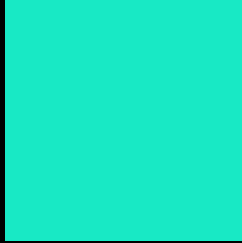
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 18E9C5 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

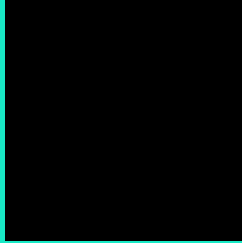
Any Text WCAG AA ✓ Pass

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](#).

Hex 18E9C5 Background



This preview shows how black text looks on a background with the Hex color 18E9C5.

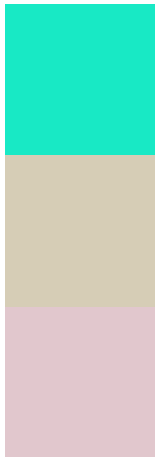


This preview shows how white text looks on a background with the Hex color 18E9C5.

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
18E9C5

Protanopia
D6CDB6

Deuteranopia
E1C7CD

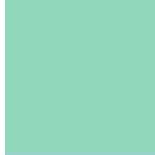


Tritanopia
45E2F5

Trichromacy



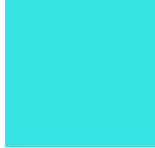
Original Color
18E9C5



Protanomaly
91D7BB



Deuteranomaly
98D3CA

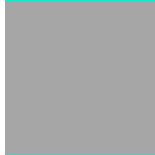


Tritanomaly
35E5E4

Monochromacy



Original Color
18E9C5



Achromatopsia
A6A6A6



Achromatomaly
72BEB1

CSS Examples

Text

The CSS property to change the color of the text to Hex 18E9C5 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 #18E9C5 looks like.

```
.text, #text, p{  
    color:#18E9C5  
}
```

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 #18E9C5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #18E9C5
}
```

Border

The CSS property to change the border of an element to Hex 18E9C5 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
#18E9C5 }
```

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

```
.border{ border-color:#18E9C5 }
```

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

Here you see how a box with a 4 pixel #18E9C5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #18E9C5; -webkit-box-shadow:4px 4px  
4px 4px #18E9C5; box-shadow:4px 4px 4px  
4px #18E9C5 }
```

Background

The CSS property to change the background color of an element to Hex 18E9C5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#18E9C5 }
```

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

```
.background{ background-color:#18E9C5 }
```

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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