

# Converting Colors

Hex(1EBCB5)

Have a look what the booklet for  
Hex(1EBCB5) contains.

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# Color

Hex(1EBCB5)

# Conversions

## Conversions Part 1

Format	Color
Hex	1EBCB5
RGB	30, 188, 181
RGB Percent	12%, 74%, 71%
CMY	0.8824, 0.2627, 0.2902
CMYK	0.84, 0.00, 0.04, 0.26
HSL	177°, 72%, 43%
HSV	177°, 84%, 74%
XYZ	26.8591, 39.5787, 49.9399
YIQ	139.9600, -91.9210, -35.6730

# Conversions

## Conversions Part 2

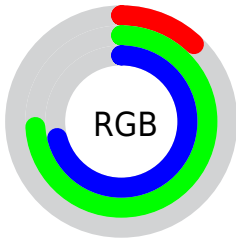
Format	Color
<a href="#">RYB</a>	<a href="#">30, 111, 188</a>
Decimal	<a href="#">2014389</a>
CIELab	<a href="#">69.17, -38.99, -7.40</a>
CIElCh	<a href="#">69, 39.689, 190.740</a>
Yxy	<a href="#">39.5787, 0.2308, 0.3401</a>
Android (android.graphics.Color)	<a href="#">4280204469</a> ( <a href="#">0xFF1EBCB5</a> )
YUV	<a href="#">139.9600, 20.2327, -96.4349</a>
Hunter-Lab	<a href="#">62.9116, -33.8874, -3.0269</a>

# Details

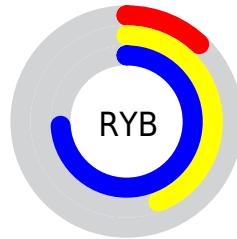
The Hex color **1EBCB5** is a dark color, and the websafe version is hex **33CCCC**. A complement of this color would be **BC1E25**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **6CF5ED**, and **008680** is the 20% darker color. If you saturate the color by 10%, you get **0BBCB4**, and if you desaturate by 10%, it is **31BCB6**.

# Distribution



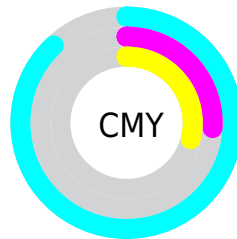
- Red (12%)
- Green (74%)
- Blue (71%)



- Red (12%)
- Yellow (44%)
- Blue (74%)



- Cyan (84%)
- Magenta (0%)
- Yellow (4%)
- Black (26%)



- Cyan (88%)
- Magenta (26%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1EBCB5 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 1EBCB5 by changing the saturation by 10% instead.





1EBCB5



1EBCB5

FFFFFF



00A19A



6CF5ED



008680



8CFFFF



006C67



AAFFFF



00534F



C9FFFF



003B38



E8FFFF



002623



00010E



000000



1EBCB5



1EBCB5

0BBCB4

31BCB6

00BCB4

44BCB7

56BCB7

69BCB8

7CBCB9

8FBCBA

A2BCBB

B4BCBC

C7BCBC

# Harmonies

## Analogous

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



5EBA90



1EBCB5



00BAD7

# Triad

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



1EBCB5



BD9BDF



D49F65

# Complementary

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



1EBCB5



BC1E25

# 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.



E9937C



1EBCB5



E090C1

# Square

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



1EBCB5



89A8EF



EE8D9D



B3AB61

# Rectangle

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



1EBCB5



29B6E7



EE8D9D



DC9A6B

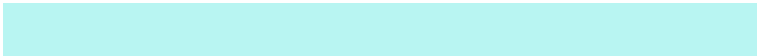


# Sweetspot

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



1EBCB5



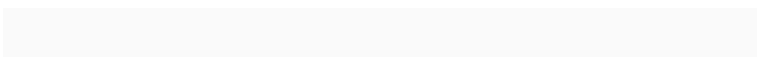
B8F5F2



26BC1E



567A79



FAFAFA



7A7A7A



# Same Dimension

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



1EBCB5



00F5EA



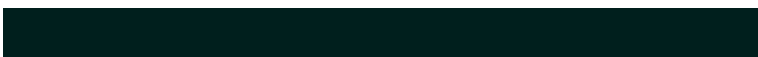
1E75BC



555E5E



009E97



001F1D



# Inverse Universe

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



BC1E25



F5000B



BC651E



5E5555



9E0007



1F0001



# Previews

## White Background



This preview shows how the Hex color 1EBCB5 looks on a white background.

## Color Contrast Check

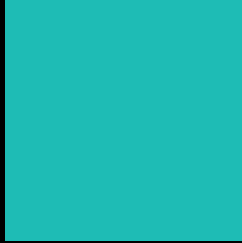
Large Text (above 18pt) WCAG AA × Fail

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 1EBCB5 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

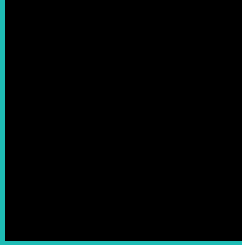
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

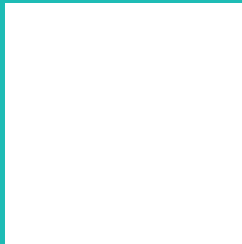
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 1EBCB5 Background



This preview shows how black text looks on a background with the Hex color 1EBCB5.

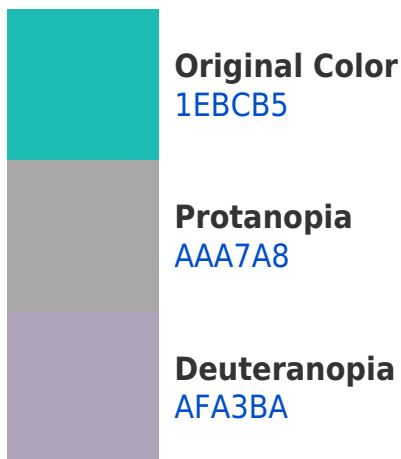


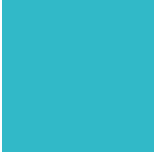
This preview shows how white text looks on a background with the Hex color 1EBCB5.

# 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**  
31B9C8

# Trichromacy



**Original Color**  
1EBCB5



**Protanomaly**  
77AFAD



**Deuteranomaly**  
7AACB8



**Tritanomaly**  
2ABAC1

# Monochromacy



**Original Color**  
1EBCB5



**Achromatopsia**  
8C8C8C



**Achromatomaly**  
649D9B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1EBCB5 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 #1EBCB5 looks like.

```
.text, #text, p{  
    color:#1EBCB5  
}
```

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 #1EBCB5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1EBCB5
}
```

## Border

The CSS property to change the border of an element to Hex 1EBCB5 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
#1EBCB5 }
```

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

```
.border{ border-color:#1EBCB5 }
```

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

Here you see how a box with a 4 pixel #1EBCB5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1EBCB5; -webkit-box-shadow:4px 4px  
4px 4px #1EBCB5; box-shadow:4px 4px 4px  
4px #1EBCB5 }
```

# Background

The CSS property to change the background color of an element to Hex 1EBCB5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1EBCB5 }
```

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

```
.background{ background-color:#1EBCB5 }
```

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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