

# Converting Colors

Hex(1CC085)

Have a look what the booklet for  
Hex(1CC085) contains.

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# Color

Hex(1CC085)

# Conversions

## Conversions Part 1

Format	Color
Hex	1CC085
RGB	28, 192, 133
RGB Percent	11%, 75%, 52%
CMY	0.8902, 0.2471, 0.4784
CMYK	0.85, 0.00, 0.31, 0.25
HSL	158°, 75%, 43%
HSV	158°, 85%, 75%
XYZ	23.5622, 39.6396, 28.5997
YIQ	136.2380, -78.8050, -53.1170

# Conversions

## Conversions Part 2

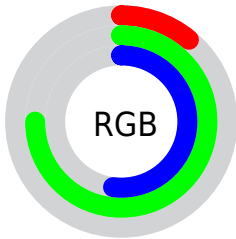
Format	Color
<a href="#">RYB</a>	<a href="#">28, 128, 192</a>
Decimal	<a href="#">1884293</a>
CIELab	<a href="#">69.21, -53.20, 18.83</a>
CIELCh	<a href="#">69, 56.433, 160.505</a>
Yxy	<a href="#">39.6396, 0.2567, 0.4318</a>
Android (android.graphics.Color)	<a href="#">4280074373</a> ( <a href="#">0xFF1CC085</a> )
YUV	<a href="#">136.2380, -1.5963, -94.9247</a>
Hunter-Lab	<a href="#">62.9600, -43.3781, 17.1394</a>

# Details

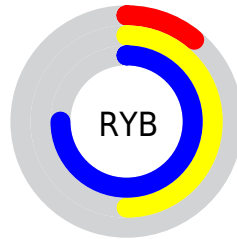
The Hex color **1CC085** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **C01C57**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **69F9BA**, and **008953** is the 20% darker color. If you saturate the color by 10%, you get **09C07E**, and if you desaturate by 10%, it is **2FC08C**.

# Distribution



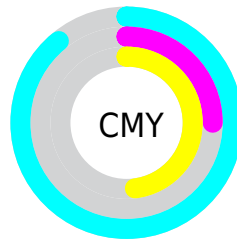
- Red (11%)
- Green (75%)
- Blue (52%)



- Red (11%)
- Yellow (50%)
- Blue (75%)



- Cyan (85%)
- Magenta (0%)
- Yellow (31%)
- Black (25%)



- Cyan (89%)
- Magenta (25%)
- Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1CC085 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 1CC085 by changing the saturation by 10% instead.



 1CC085

 1CC085

FFFFFF

 00A46C

 69F9BA

 008953

 88FFD6

 006F3C

 A7FFF3

 005525

 C5FFFF

 003C10

 E3FFFF

 002600

 000000

 1CC085

 1CC085

 09C07E

 2FC08C

 00C07B

 42C093

 56C09A

 69C0A1

 7CC0A8

 8FC0AE

 A2C0B5

 B6C0BC

 C9C0C3

# Harmonies

## Analogous

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



7DB957



1CC085



00C2BA

# Triad

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



1CC085



6DA8FF



FF8769

# Complementary

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



1CC085



C01C57

# 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.



FF7C99



1CC085



C494F7

# Square

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



1CC085



00B8FF



F582CC



E19A46

# Rectangle

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



1CC085



00C1DB



F582CC



FF8278

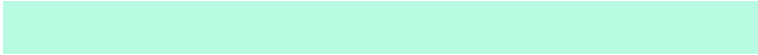


# Sweetspot

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



1CC085



B9FAE3



58C01C



567D6F



FCFCFC



7D7D7D



# Same Dimension

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



1CC085



00FAA0



1CAAC0



57615D



00A167



002115



# Inverse Universe

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



C01C57



FA005A



C0321C



61575B



A1003A

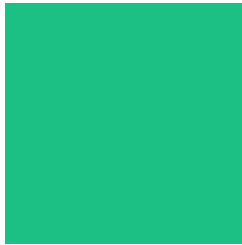


21000C



# Previews

## White Background



This preview shows how the Hex color 1CC085 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 1CC085 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

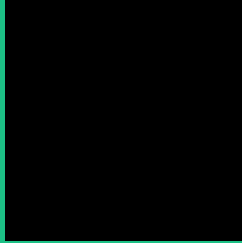
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 1CC085 Background



This preview shows how black text looks on a background with the Hex color 1CC085.

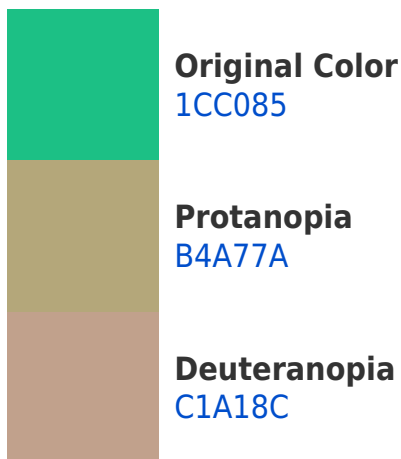


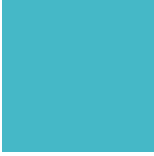
This preview shows how white text looks on a background with the Hex color 1CC085.

# 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**  
45B8C7

# Trichromacy



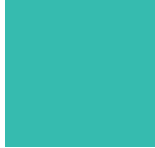
**Original Color**  
1CC085



**Protanomaly**  
7DB07E



**Deuteranomaly**  
85AC89



**Tritanomaly**  
36BBAF

# Monochromacy



**Original Color**  
1CC085



**Achromatopsia**  
888888



**Achromatomaly**  
619C87

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1CC085 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 #1CC085 looks like.

```
.text, #text, p{  
    color:#1CC085  
}
```

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 #1CC085 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1CC085
}
```

## Border

The CSS property to change the border of an element to Hex 1CC085 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
#1CC085 }
```

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

```
.border{ border-color:#1CC085 }
```

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

Here you see how a box with a 4 pixel #1CC085 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1CC085; -webkit-box-shadow:4px 4px  
4px 4px #1CC085; box-shadow:4px 4px 4px  
4px #1CC085 }
```

# Background

The CSS property to change the background color of an element to Hex 1CC085 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1CC085 }
```

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

```
.background{ background-color:#1CC085 }
```

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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