

Converting Colors

CIELCh(67, 44.123, 179.069)

Have a look what the booklet for
CIELCh(67, 44.123, 179.069)
contains.

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Color

CIELCh(67, 44.054, 179.047)

Conversions

Conversions Part 1

Format	Color
Hex	06B7A0
RGB	6, 183, 160
RGB Percent	2%, 72%, 63%
CMY	0.9766, 0.2807, 0.3710
CMYK	0.97, 0.00, 0.13, 0.28
HSL	172°, 94%, 37%
HSV	172°, 97%, 72%
XYZ	23.4756, 36.6320, 39.2765
YIQ	127.4550, -98.1090, -44.6770

Conversions

Conversions Part 2

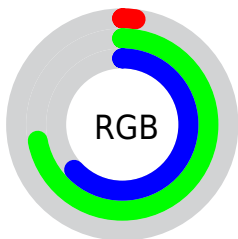
Format	Color
RYB	6, 101, 183
Decimal	440224
CIELab	67.00, -44.05, 0.73
CIELCh	67, 44.054, 179.047
Yxy	36.6320, 0.2362, 0.3686
Android (android.graphics.Color)	4278630304 (0xFF06B7A0)
YUV	127.4550, 16.0447, -106.5160
Hunter-Lab	60.5244, -36.6828, 3.8916

Details

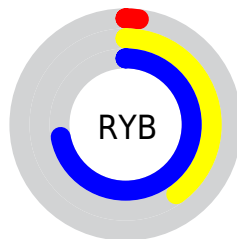
The CIELCh color **67, 44.054, 179.047** is a dark color, and the websafe version is hex **00CCCC**. A complement of this color would be **38, 74.141, 32.806**, and the grayscale version is **53, 0.007, 296.813**.

A 20% lighter version of the original color is **87, 43.956, 179.116**, and **48, 35.244, 176.174** is the 20% darker color. If you saturate the color by 10%, you get **67, 44.483, 178.603**, and if you desaturate by 10%, it is **67, 42.540, 180.399**.

Distribution



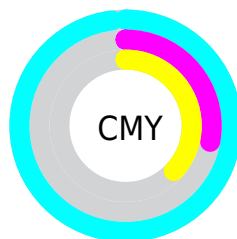
- Red (2%)
- Green (72%)
- Blue (63%)



- Red (2%)
- Yellow (40%)
- Blue (72%)



- Cyan (97%)
- Magenta (0%)
- Yellow (13%)
- Black (28%)



- Cyan (98%)
- Magenta (28%)
- Yellow (37%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 44.054, 179.047 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 CIELCh color 67, 44.054, 179.047 by changing the saturation by 10% instead.

 67, 44.054,
179.047

 67, 44.054,
179.047

 100, 44.054,
179.047


 57, 44.054,
179.047

 87, 44.054,
179.047

 47, 44.054,
179.047

 97, 44.054,
179.047

 37, 44.054,
179.047

 27, 44.054,
179.047

 17, 44.054,
179.047

 7, 44.054, 179.047

 0, 44.054, 179.047

■ 67, 44.054,
179.047

■ 67, 44.054,
179.047

■ 67, 44.483,
178.603

■ 67, 42.540,
180.399

■ 67, 40.301,
181.634

■ 68, 37.254,
182.761

■ 68, 33.397,
183.800

■ 69, 28.779,
184.770

■ 70, 23.486,
185.689

■ 71, 17.622,
186.570

■ 72, 11.302,

187.430

■ 74, 4.637, 188.314

Harmonies

Complementary

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



67, 44.054, 179.047



38, 74.141, 32.806

Rectangle

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



67, 44.054, 179.047



67, 44.054, 229.047



67, 44.054, 359.047



67, 44.054, 49.047

Sweetspot

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



67, 44.054, 179.046



90, 23.565, 186.331



65, 91.710, 135.325



47, 15.954, 185.958



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



67, 44.054, 179.046



85, 54.508, 178.341



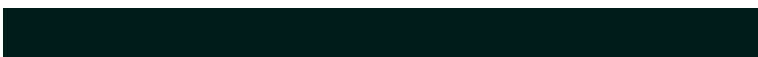
48, 41.975, 265.886



38, 3.880, 188.074



57, 39.307, 178.798



8, 11.092, 183.536

Inverse Universe

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



38, 74.141, 32.806



50, 93.740, 35.022



45, 69.127, 51.460



36, 4.055, 9.486



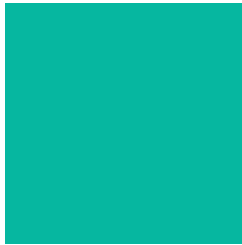
32, 66.797, 33.510



2, 10.758, 11.566

Previews

White Background



This preview shows how the CIELCh color 67, 44.054, 179.047 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 CIE LCh color 67, 44.054, 179.047 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

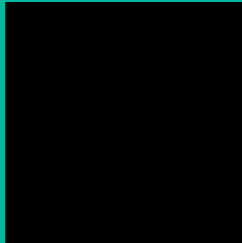
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 44.054, 179.047

Background



This preview shows how black text looks on a background with the CIELCh color 67, 44.054, 179.047.

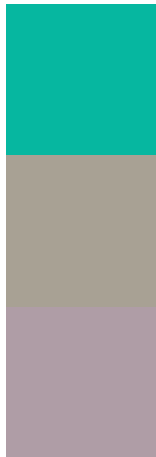


This preview shows how white text looks on a background with the CIELCh color 67, 44.054, 179.047.

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
67, 43.984, 179.026

Protanopia
66, 7.668, 88.273

Deuteranopia
67, 8.510, 344.459

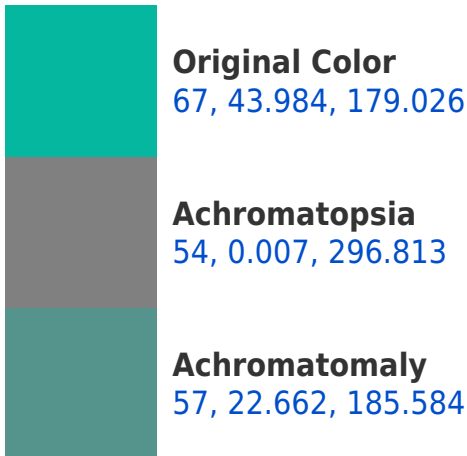


Tritanopia
67, 34.004, 210.205

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 44.054, 179.047 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(6, 183, 160)` looks like.

```
.text, #text, p{  
    color:rgb(6, 183, 160)  
}
```

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(6, 183, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(6, 183, 160) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 44.054, 179.047 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(6, 183, 160) }
```

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

```
.border{ border-color:rgb(6, 183, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(6, 183, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(6, 183, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(6, 183, 160);  
box-shadow:4px 4px 4px 4px rgb(6, 183,  
160) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 44.054, 179.047 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(6, 183, 160) }
```

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

```
.background{ background-color: rgb(6, 183,  
160) }
```

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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