

Converting Colors

CIELCh(72, 43.513, 187.523)

Have a look what the booklet for
CIELCh(72, 43.513, 187.523)
contains.

CIELCh(72, 43.246, 188.147)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(72, 43.246, 188.147)

Conversions

Conversions Part 1

Format	Color
Hex	03C5BA
RGB	3, 197, 186
RGB Percent	1%, 77%, 73%
CMY	0.9892, 0.2261, 0.2693
CMYK	0.99, 0.00, 0.06, 0.23
HSL	177°, 97%, 39%
HSV	177°, 99%, 77%
XYZ	28.9725, 43.6590, 53.5335
YIQ	137.7400, -112.0930, -44.5490

Conversions

Conversions Part 2

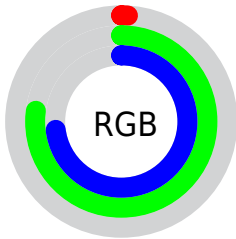
Format	Color
RYB	3, 103, 197
Decimal	247226
CIELab	72.00, -42.81, -6.13
CIELCh	72, 43.246, 188.147
Yxy	43.6590, 0.2296, 0.3460
Android (android.graphics.Color)	4278437306 (0xFF03C5BA)
YUV	137.7400, 23.7922, -118.1670
Hunter-Lab	66.0750, -37.3626, -1.7839

Details

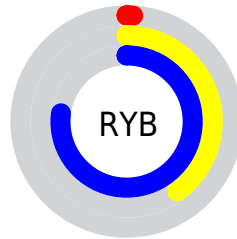
The CIELCh color **72, 43.246, 188.147** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as dark washed spring green. A complement of this color would be **41, 83.158, 37.575**, and the grayscale version is **57, 0.007, 296.813**.

A 20% lighter version of the original color is **92, 42.990, 188.359**, and **53, 34.191, 187.320** is the 20% darker color. If you saturate the color by 10%, you get **72, 43.364, 188.044**, and if you desaturate by 10%, it is **72, 42.267, 188.873**.

Distribution



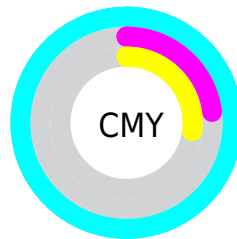
- Red (1%)
- Green (77%)
- Blue (73%)



- Red (1%)
- Yellow (40%)
- Blue (77%)



- Cyan (99%)
- Magenta (0%)
- Yellow (6%)
- Black (23%)





- Cyan (99%)
- Magenta (23%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 43.246, 188.147 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 72, 43.246, 188.147 by changing the saturation by 10% instead.


 72, 43.246,
188.147


 72, 43.246,
188.147


 100, 43.246,
188.147


 62, 43.246,
188.147


 92, 43.246,
188.147

 52, 43.246,
188.147

 42, 43.246,
188.147

 32, 43.246,
188.147

 22, 43.246,
188.147

 12, 43.246,
188.147

 2, 43.246, 188.147

■ 0, 43.246, 188.147

■ 72, 43.246,
188.147

■ 72, 43.246,
188.147

■ 72, 43.364,
188.044

■ 72, 42.267,
188.873

■ 72, 40.563,
189.562

■ 73, 37.994,
190.223

■ 73, 34.534,
190.868

■ 74, 30.214,
191.509

■ 75, 25.107,
192.156

■ 76, 19.313,
192.813

■ 77, 12.950,
193.489

■ 78, 6.134, 194.208

Harmonies

Complementary

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



72, 43.246, 188.147



41, 83.158, 37.575

Rectangle

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



72, 43.246, 188.147



72, 43.246, 238.147



72, 43.246, 8.147



72, 43.246, 58.147

Sweetspot

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



72, 43.246, 188.146



95, 24.788, 192.690



70, 98.064, 135.797



50, 16.647, 192.408



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



72, 43.246, 188.146



91, 52.640, 187.923



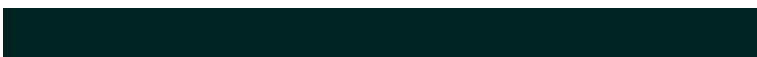
47, 51.523, 276.301



41, 4.065, 194.147



60, 37.636, 188.153



12, 13.457, 189.900

Inverse Universe

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



41, 83.158, 37.575



53, 102.389, 38.431



50, 71.796, 55.527



39, 4.285, 15.343



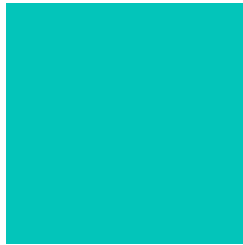
34, 72.404, 37.444



3, 15.917, 16.471

Previews

White Background



This preview shows how the CIELCh color 72, 43.246, 188.147 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 CIELCh color 72, 43.246, 188.147 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

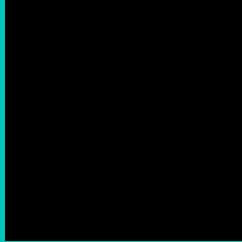
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

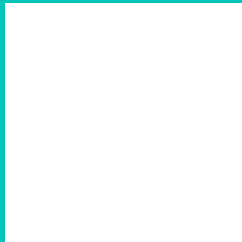
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 72, 43.246, 188.147

Background



This preview shows how black text looks on a background with the CIELCh color 72, 43.246, 188.147.

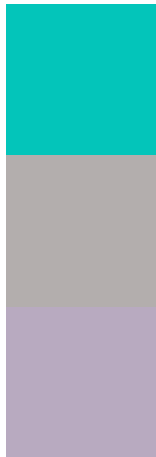


This preview shows how white text looks on a background with the CIELCh color 72, 43.246, 188.147.

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

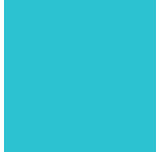
72, 43.185, 188.140

Protanopia

71, 1.959, 35.409

Deuteranopia

71, 13.113, 314.148

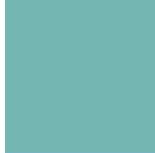


Tritanopia
72, 37.006, 210.630

Trichromacy



Original Color
72, 43.185, 188.140



Protanomaly
70, 22.629, 191.996



Deuteranomaly
70, 20.739, 213.353



Tritanomaly
72, 38.954, 201.451

Monochromacy



Original Color
72, 43.185, 188.140



Achromatopsia
57, 0.007, 296.813



Achromatomaly
61, 23.798, 191.849

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 43.246, 188.147 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(3, 197, 186)` looks like.

```
.text, #text, p{  
    color:rgb(3, 197, 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(3, 197, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(3, 197, 186) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 43.246, 188.147 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(3, 197, 186) }
```

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

```
.border{ border-color:rgb(3, 197, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(3, 197, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(3, 197, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(3, 197, 186);  
box-shadow:4px 4px 4px 4px rgb(3, 197,  
186) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 43.246, 188.147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(3, 197, 186) }
```

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

```
.background{ background-color: rgb(3, 197,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor