

Converting Colors

CIELCh(73, 60.089, 161.424)

Have a look what the booklet for
CIELCh(73, 60.089, 161.424)
contains.

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Color

CIELCh(73, 60.124, 161.370)

Conversions

Conversions Part 1

Format	Color
Hex	01CC8E
RGB	1, 204, 142
RGB Percent	0%, 80%, 56%
CMY	0.9953, 0.1998, 0.4430
CMYK	0.99, 0.00, 0.30, 0.20
HSL	162°, 99%, 40%
HSV	162°, 99%, 80%
XYZ	26.5012, 45.1644, 32.9252
YIQ	136.2350, -101.0860, -62.3180

Conversions

Conversions Part 2

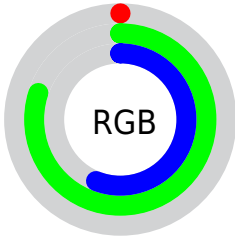
Format	Color
RYB	1, 121, 204
Decimal	117902
CIELab	73.00, -56.97, 19.21
CIELCh	73, 60.124, 161.370
Yxy	45.1644, 0.2534, 0.4318
Android (android.graphics.Color)	4278307982 (0xFF01CC8E)
YUV	136.2350, 2.8421, -118.6011
Hunter-Lab	67.2044, -47.2187, 17.9954

Details

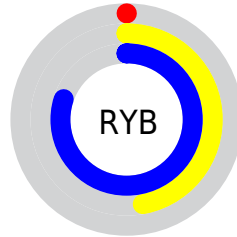
The CIELCh color **73, 60.124, 161.370** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **43, 73.858, 20.712**, and the grayscale version is **57, 0.007, 296.813**.

A 20% lighter version of the original color is **91, 56.462, 163.255**, and **54, 51.845, 156.162** is the 20% darker color. If you saturate the color by 10%, you get **73, 60.296, 161.247**, and if you desaturate by 10%, it is **73, 57.108, 163.497**.

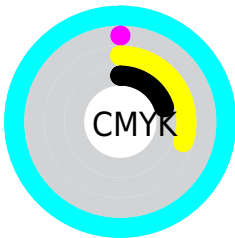
Distribution



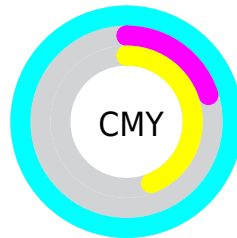
- Red (0%)
- Green (80%)
- Blue (56%)



- Red (0%)
- Yellow (47%)
- Blue (80%)



- Cyan (99%)
- Magenta (0%)
- Yellow (30%)
- Black (20%)





- Cyan (100%)
- Magenta (20%)
- Yellow (44%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 60.124, 161.370 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 73, 60.124, 161.370 by changing the saturation by 10% instead.


 73, 60.124,
161.370


 73, 60.124,
161.370


 100, 60.124,
161.370


 63, 60.124,
161.370


 93, 60.124,
161.370

 53, 60.124,
161.370

 43, 60.124,
161.370

 33, 60.124,
161.370

 23, 60.124,
161.370

 13, 60.124,
161.370

 3, 60.124, 161.370

■ 0, 60.124, 161.370

■ 73, 60.124,
161.370

■ 73, 60.124,
161.370

■ 73, 60.296,
161.247

■ 73, 57.108,
163.497

■ 74, 53.415,
165.468

■ 74, 48.893,
167.239

■ 75, 43.540,
168.822

■ 76, 37.420,
170.241

■ 77, 30.638,
171.519

■ 78, 23.324,
172.682

■ 79, 15.614,
173.753

■ 81, 7.640, 174.766

Harmonies

Complementary

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



73, 60.124, 161.370



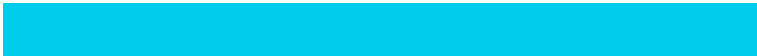
43, 73.858, 20.712

Rectangle

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



73, 60.124, 161.370



73, 60.124, 211.370



73, 60.124, 341.370



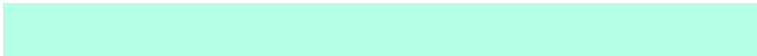
73, 60.124, 31.370

Sweetspot

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



73, 60.124, 161.370



95, 28.461, 172.572



72, 97.070, 132.887



50, 19.263, 172.084



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



73, 60.124, 161.370



89, 71.687, 160.936



63, 36.876, 231.990



42, 4.604, 174.768



60, 51.375, 161.600



12, 17.660, 166.926

Inverse Universe

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



43, 73.858, 20.712



54, 88.034, 21.838



45, 84.232, 42.800



40, 4.728, 356.396



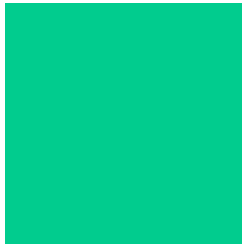
35, 63.185, 20.088



4, 18.575, 4.615

Previews

White Background



This preview shows how the CIELCh color 73, 60.124, 161.370 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 73, 60.124, 161.370 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

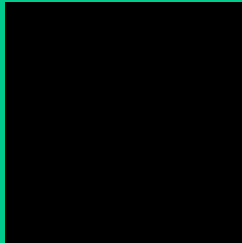
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 73, 60.124, 161.370

Background



This preview shows how black text looks on a background with the CIELCh color 73, 60.124, 161.370.

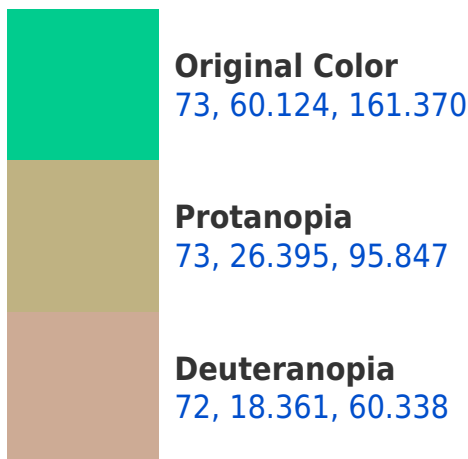


This preview shows how white text looks on a background with the CIELCh color 73, 60.124, 161.370.

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
73, 34.348, 211.882

Trichromacy



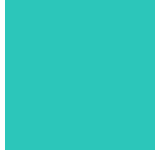
Original Color
73, 60.124, 161.370



Protanomaly
70, 37.839, 147.301



Deuteranomaly
70, 28.190, 151.597



Tritanomaly
73, 41.166, 187.138

Monochromacy



Original Color
73, 60.124, 161.370



Achromatopsia
57, 0.007, 296.813



Achromatomaly
61, 29.163, 170.437

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 60.124, 161.370 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(1, 204, 142)` looks like.

```
.text, #text, p{  
    color:rgb(1, 204, 142)  
}
```

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(1, 204, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 204, 142) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 60.124, 161.370 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(1, 204, 142) }
```

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

```
.border{ border-color:rgb(1, 204, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(1, 204, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 204, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(1, 204, 142);  
box-shadow:4px 4px 4px 4px rgb(1, 204,  
142) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 60.124, 161.370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(1, 204, 142) }
```

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

```
.background{ background-color: rgb(1, 204,  
142) }
```

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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