

Converting Colors

CIELCh(69, 68.268, 161.220)

Have a look what the booklet for
CIELCh(69, 68.268, 161.220)
contains.

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Color

CIELCh(70, 61.805, 157.747)

Conversions

Conversions Part 1

Format	Color
Hex	02C37E
RGB	2, 195, 126
RGB Percent	1%, 76%, 49%
CMY	0.9923, 0.2336, 0.5044
CMYK	0.99, 0.00, 0.35, 0.23
HSL	159°, 98%, 39%
HSV	159°, 99%, 77%
XYZ	23.4256, 40.7494, 26.5002
YIQ	129.4270, -92.8790, -62.3750

Conversions

Conversions Part 2

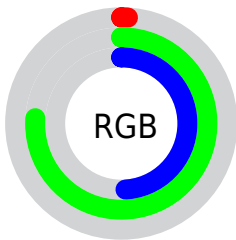
Format	Color
RYB	2, 120, 195
Decimal	181118
CIELab	70.00, -57.20, 23.41
CIELCh	70, 61.805, 157.747
Yxy	40.7494, 0.2583, 0.4494
Android (android.graphics.Color)	4278371198 (0xFF02C37E)
YUV	129.4270, -1.6895, -111.7535
Hunter-Lab	63.8353, -46.2077, 20.0714

Details

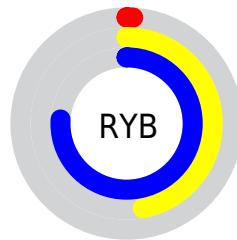
The CIELCh color **70, 61.805, 157.747** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **41, 69.907, 15.549**, and the grayscale version is **54, 0.007, 296.813**.

A 20% lighter version of the original color is **90, 61.963, 157.654**, and **51, 53.863, 151.968** is the 20% darker color. If you saturate the color by 10%, you get **70, 62.139, 157.532**, and if you desaturate by 10%, it is **70, 58.406, 159.932**.

Distribution



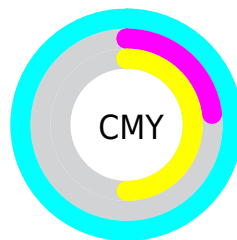
- Red (1%)
- Green (76%)
- Blue (49%)



- Red (1%)
- Yellow (47%)
- Blue (76%)



- Cyan (99%)
- Magenta (0%)
- Yellow (35%)
- Black (23%)





- Cyan (99%)
- Magenta (23%)
- Yellow (50%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 61.805, 157.747 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 70, 61.805, 157.747 by changing the saturation by 10% instead.


 70, 61.805,
157.747


 70, 61.805,
157.747


 100, 61.805,
157.747


 60, 61.805,
157.747


 90, 61.805,
157.747

 50, 61.805,
157.747

 40, 61.805,
157.747

 30, 61.805,
157.747

 20, 61.805,
157.747

 10, 61.805,
157.747

 0, 61.805, 157.747

■ 70, 61.805,
157.747

■ 70, 61.805,
157.747

■ 70, 62.139,
157.532

■ 70, 58.406,
159.932

■ 71, 54.339,
161.958

■ 71, 49.477,
163.777

■ 72, 43.829,
165.400

■ 73, 37.465,
166.847

■ 74, 30.496,
168.144

■ 75, 23.053,
169.315

■ 76, 15.270,

170.385

■ 77, 7.274, 171.390

Harmonies

Complementary

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



70, 61.805, 157.747



41, 69.907, 15.549

Rectangle

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



70, 61.805, 157.747



70, 61.805, 207.747



70, 61.805, 337.747



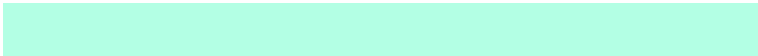
70, 61.805, 27.747

Sweetspot

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



70, 61.805, 157.747



95, 29.546, 169.148



70, 92.623, 131.756



50, 20.022, 168.653



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



70, 61.805, 157.747



89, 76.439, 157.140



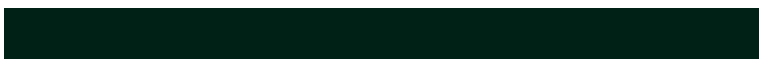
64, 35.795, 220.960



40, 4.556, 171.353



58, 53.405, 157.888



10, 16.462, 163.981

Inverse Universe

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



41, 69.907, 15.549



54, 86.082, 17.029



42, 82.649, 41.545



38, 4.657, 352.951



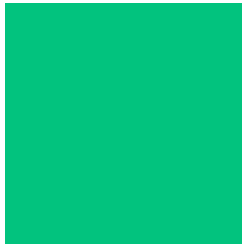
34, 60.550, 15.178



3, 14.863, 0.530

Previews

White Background



This preview shows how the CIELCh color 70, 61.805, 157.747 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 70, 61.805, 157.747 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 70, 61.805, 157.747

Background



This preview shows how black text looks on a background with the CIELCh color 70, 61.805, 157.747.

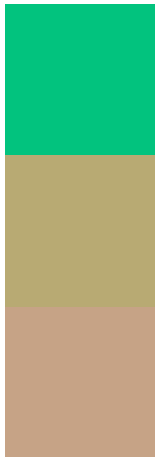


This preview shows how white text looks on a background with the CIELCh color 70, 61.805, 157.747.

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](#).

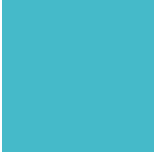
Dichromacy



Original Color
70, 61.743, 157.709

Protanopia
70, 30.356, 95.841

Deuteranopia
69, 21.714, 66.462



Tritanopia
70, 32.626, 211.847

Trichromacy



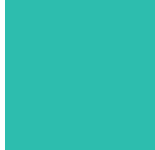
Original Color
70, 61.743, 157.709



Protanomaly
68, 40.310, 142.439



Deuteranomaly
67, 30.490, 144.878



Tritanomaly
69, 40.191, 184.389

Monochromacy



Original Color
70, 61.743, 157.709



Achromatopsia
54, 0.007, 296.813



Achromatomaly
59, 29.184, 167.654

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 61.805, 157.747 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(2, 195, 126)` looks like.

```
.text, #text, p{  
    color:rgb(2, 195, 126)  
}
```

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(2, 195, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(2, 195, 126) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 61.805, 157.747 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(2, 195, 126) }
```

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

```
.border{ border-color:rgb(2, 195, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(2, 195, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(2, 195, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(2, 195, 126);  
box-shadow:4px 4px 4px 4px rgb(2, 195,  
126) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 61.805, 157.747 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(2, 195, 126) }
```

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

```
.background{ background-color: rgb(2, 195,  
126) }
```

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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