

Converting Colors

CIELCh(78, 75.958, 151.825)

Have a look what the booklet for
CIELCh(78, 75.958, 151.825)
contains.

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Color

CIELCh(78, 75.660, 151.879)

Conversions

Conversions Part 1

Format	Color
Hex	01DD7B
RGB	1, 221, 123
RGB Percent	0%, 87%, 48%
CMY	0.9975, 0.1329, 0.5172
CMYK	1.00, 0.00, 0.44, 0.13
HSL	153°, 99%, 43%
HSV	153°, 100%, 87%
XYZ	29.4773, 53.2120, 27.4910
YIQ	144.0480, -99.6620, -77.1180

Conversions

Conversions Part 2

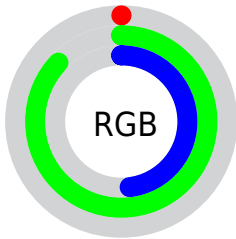
Format	Color
RYB	1, 143, 221
Decimal	122235
CIELab	78.00, -66.73, 35.66
CIELCh	78, 75.660, 151.879
Yxy	53.2120, 0.2675, 0.4830
Android (android.graphics.Color)	4278312315 (0xFF01DD7B)
YUV	144.0480, -10.3767, -125.4531
Hunter-Lab	72.9466, -55.5256, 28.7182

Details

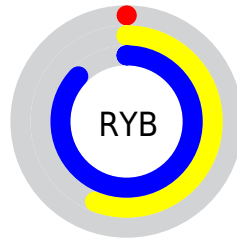
The CIELCh color **78, 75.660, 151.879** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed spring green. A complement of this color would be **47, 75.775, 7.836**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **91, 62.607, 155.849**, and **59, 67.648, 146.502** is the 20% darker color. If you saturate the color by 10%, you get **78, 75.787, 151.814**, and if you desaturate by 10%, it is **78, 71.219, 154.148**.

Distribution



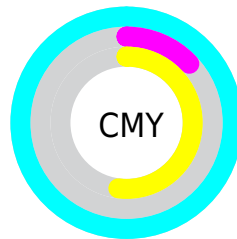
- Red (0%)
- Green (87%)
- Blue (48%)



- Red (0%)
- Yellow (56%)
- Blue (87%)



- Cyan (100%)
- Magenta (0%)
- Yellow (44%)
- Black (13%)





- Cyan (100%)
- Magenta (13%)
- Yellow (52%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 78, 75.660, 151.879 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 78, 75.660, 151.879 by changing the saturation by 10% instead.


 78, 75.660,
151.879


 78, 75.660,
151.879


 100, 75.660,
151.879


 68, 75.660,
151.879


 98, 75.660,
151.879

 58, 75.660,
151.879

 48, 75.660,
151.879

 38, 75.660,
151.879

 28, 75.660,
151.879

 18, 75.660,
151.879

 8, 75.660, 151.879

■ 0, 75.660, 151.879

■ 78, 75.660,
151.879

■ 78, 75.660,
151.879

■ 78, 75.787,
151.814

■ 78, 71.219,
154.148

■ 79, 66.025,
156.271

■ 79, 59.936,
158.182

■ 80, 52.968,
159.881

■ 81, 45.210,
161.385

■ 82, 36.798,
162.717

■ 83, 27.890,
163.904

■ 85, 18.645,
164.971

■ 86, 9.212, 165.953

Harmonies

Complementary

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



78, 75.660, 151.879



47, 75.775, 7.836

Rectangle

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



78, 75.660, 151.879



78, 75.660, 201.879



78, 75.660, 331.879



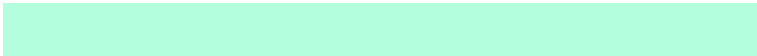
78, 75.660, 21.879

Sweetspot

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



78, 75.660, 151.879



94, 31.600, 163.844



79, 99.604, 129.759



50, 21.453, 163.353



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



78, 75.660, 151.879



89, 84.736, 151.613



77, 42.065, 204.766



45, 5.351, 165.980



62, 62.704, 152.226



16, 23.058, 156.976

Inverse Universe

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



47, 75.775, 7.836



55, 84.471, 8.408



47, 93.096, 40.351



43, 5.437, 347.531



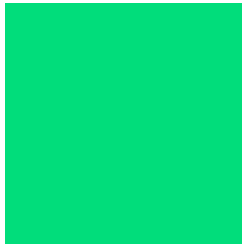
37, 63.227, 7.090



6, 24.585, 358.330

Previews

White Background



This preview shows how the CIE LCh color 78, 75.660, 151.879 looks on a white background.

Color Contrast Check

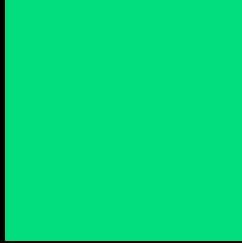
Large Text (above 18pt) WCAG AA × Fail

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 78, 75.660, 151.879 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

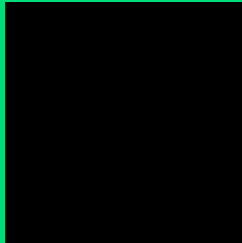
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 78, 75.660, 151.879

Background



This preview shows how black text looks on a background with the CIELCh color 78, 75.660, 151.879.

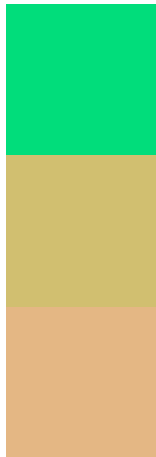


This preview shows how white text looks on a background with the CIELCh color 78, 75.660, 151.879.

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

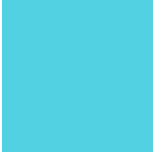
78, 75.635, 151.864

Protanopia

77, 42.196, 95.824

Deuteranopia

77, 33.487, 73.264



Tritanopia
78, 35.071, 212.361

Trichromacy



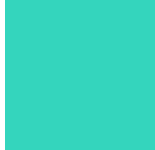
Original Color
78, 75.635, 151.864



Protanomaly
75, 52.498, 136.473



Deuteranomaly
75, 41.436, 135.961



Tritanomaly
77, 45.746, 179.710

Monochromacy



Original Color
78, 75.635, 151.864



Achromatopsia
60, 0.008, 296.813



Achromatomaly
65, 34.929, 161.628

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 75.660, 151.879 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, 221, 123)` looks like.

```
.text, #text, p{  
    color:rgb(1, 221, 123)  
}
```

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, 221, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 221, 123) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 75.660, 151.879 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, 221, 123) }
```

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

```
.border{ border-color:rgb(1, 221, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(1, 221, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 221, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(1, 221, 123);  
box-shadow:4px 4px 4px 4px rgb(1, 221,  
123) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 75.660, 151.879 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(1, 221, 123) }
```

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

```
.background{ background-color: rgb(1, 221,  
123) }
```

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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