

Converting Colors

CIELCh(78, 75.968, 151.514)

Have a look what the booklet for
CIELCh(78, 75.968, 151.514)
contains.

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Color

CIELCh(78, 75.891, 151.532)

Conversions

Conversions Part 1

Format	Color
Hex	07DD7A
RGB	7, 221, 122
RGB Percent	3%, 87%, 48%
CMY	0.9744, 0.1329, 0.5212
CMYK	0.97, 0.00, 0.45, 0.13
HSL	152°, 94%, 45%
HSV	152°, 97%, 87%
XYZ	29.4810, 53.2120, 27.1573
YIQ	145.7280, -95.7650, -76.1570

Conversions

Conversions Part 2

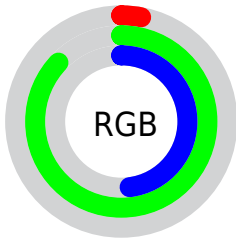
Format	Color
RYB	7, 146, 221
Decimal	515450
CIELab	78.00, -66.71, 36.17
CIELCh	78, 75.891, 151.532
Yxy	53.2120, 0.2684, 0.4844
Android (android.graphics.Color)	4278705530 (0xFF07DD7A)
YUV	145.7280, -11.6979, -121.6645
Hunter-Lab	72.9466, -55.5165, 28.9895

Details

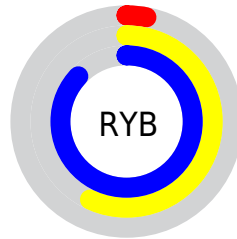
The CIELCh color **78, 75.891, 151.532** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed spring green. A complement of this color would be **48, 75.339, 4.990**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **91, 62.813, 155.408**, and **59, 68.035, 146.237** is the 20% darker color. If you saturate the color by 10%, you get **78, 77.203, 150.873**, and if you desaturate by 10%, it is **78, 71.159, 153.789**.

Distribution



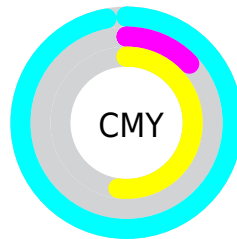
- Red (3%)
- Green (87%)
- Blue (48%)



- Red (3%)
- Yellow (57%)
- Blue (87%)



- Cyan (97%)
- Magenta (0%)
- Yellow (45%)
- Black (13%)





- Cyan (97%)
- Magenta (13%)
- Yellow (52%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 78, 75.891, 151.532 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, 75.891, 151.532 by changing the saturation by 10% instead.


 78, 75.891,
151.532


 78, 75.891,
151.532


 100, 75.891,
151.532


 68, 75.891,
151.532


 98, 75.891,
151.532

 58, 75.891,
151.532

 48, 75.891,
151.532

 38, 75.891,
151.532

 28, 75.891,
151.532

 18, 75.891,
151.532

 8, 75.891, 151.532

■ 0, 75.891, 151.532

■ 78, 75.891,
151.532

■ 78, 75.891,
151.532

■ 78, 77.203,
150.873

■ 78, 71.159,
153.789

■ 79, 65.581,
155.860

■ 79, 59.099,
157.716

■ 80, 51.754,
159.362

■ 81, 43.653,
160.817

■ 82, 34.944,
162.105

■ 84, 25.790,
163.253

■ 85, 16.350,
164.286

■ 87, 6.768, 165.248

Harmonies

Complementary

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



78, 75.891, 151.532



48, 75.339, 4.990

Rectangle

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



78, 75.891, 151.532



78, 75.891, 201.532



78, 75.891, 331.532



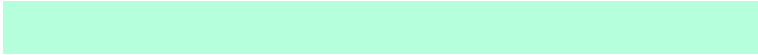
78, 75.891, 21.532

Sweetspot

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



78, 75.891, 151.532



95, 30.983, 163.013



79, 98.169, 128.979



50, 21.164, 162.524



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, 75.891, 151.532



89, 86.333, 150.672



78, 42.849, 201.706



45, 5.415, 165.020



62, 63.873, 151.285



16, 23.444, 156.046

Inverse Universe

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



48, 75.339, 4.990



55, 84.423, 6.736



47, 91.876, 39.595



43, 5.497, 346.552



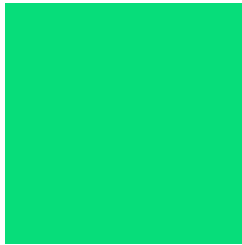
37, 63.240, 5.462



6, 24.717, 357.197

Previews

White Background



This preview shows how the CIELCh color 78, 75.891, 151.532 looks on a white background.

Color Contrast Check

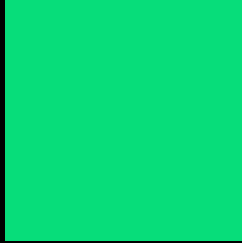
Large Text (above 18pt) WCAG AA × Fail

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, 75.891, 151.532 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

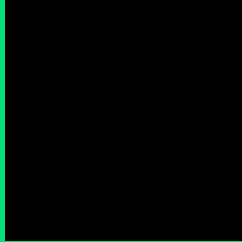
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 78, 75.891, 151.532

Background



This preview shows how black text looks on a background with the CIELCh color 78, 75.891, 151.532.

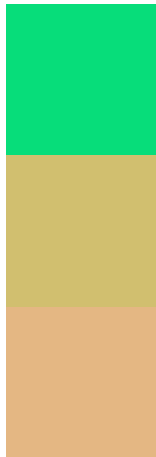


This preview shows how white text looks on a background with the CIELCh color 78, 75.891, 151.532.

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, 75.866, 151.517

Protanopia

77, 42.688, 95.887

Deuteranopia

77, 33.940, 73.680

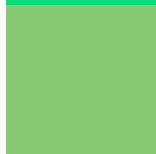


Tritanopia
78, 34.915, 212.440

Trichromacy



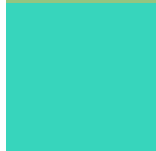
Original Color
78, 75.866, 151.517



Protanomaly
75, 52.563, 135.573



Deuteranomaly
75, 41.522, 134.768



Tritanomaly
77, 45.677, 178.987

Monochromacy



Original Color
78, 75.866, 151.517



Achromatopsia
61, 0.008, 296.813



Achromatomaly
65, 34.440, 161.174

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 75.891, 151.532 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(7, 221, 122)` looks like.

```
.text, #text, p{  
    color:rgb(7, 221, 122)  
}
```

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(7, 221, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(7, 221, 122) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 75.891, 151.532 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(7, 221, 122) }
```

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

```
.border{ border-color:rgb(7, 221, 122) }
```

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

Here you see how a box with a 4 pixel rgb(7, 221, 122) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(7, 221, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(7, 221, 122);  
box-shadow:4px 4px 4px 4px rgb(7, 221,  
122) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 75.891, 151.532 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(7, 221, 122) }
```

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

```
.background{ background-color: rgb(7, 221,  
122) }
```

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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