

Converting Colors

CIELCh(79, 74.748, 153.267)

Have a look what the booklet for
CIELCh(79, 74.748, 153.267)
contains.

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Color

CIELCh(79, 74.429, 153.253)

Conversions

Conversions Part 1

Format	Color
Hex	00E082
RGB	0, 224, 130
RGB Percent	0%, 88%, 51%
CMY	0.9997, 0.1215, 0.4902
CMYK	1.00, 0.00, 0.42, 0.12
HSL	155°, 100%, 44%
HSV	155°, 100%, 88%
XYZ	30.6886, 54.9284, 30.1069
YIQ	146.3080, -103.3300, -76.7220

Conversions

Conversions Part 2

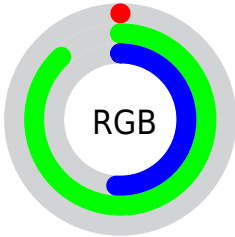
Format	Color
RYB	0, 142, 224
Decimal	57474
CIELab	79.00, -66.47, 33.50
CIELCh	79, 74.429, 153.253
Yxy	54.9284, 0.2652, 0.4747
Android (android.graphics.Color)	4278247554 (0xFF00E082)
YUV	146.3080, -8.0398, -128.3121
Hunter-Lab	74.1137, -55.7866, 27.7945

Details

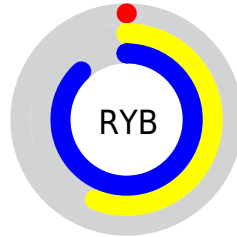
The CIELCh color **79, 74.429, 153.253** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed spring green. A complement of this color would be **48, 76.744, 10.439**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **91, 59.867, 158.149**, and **60, 66.394, 148.017** is the 20% darker color. If you saturate the color by 10%, you get **79, 74.443, 153.245**, and if you desaturate by 10%, it is **79, 70.173, 155.522**.

Distribution



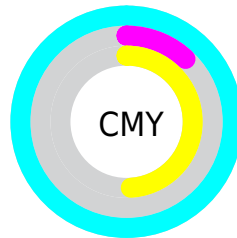
- Red (0%)
- Green (88%)
- Blue (51%)



- Red (0%)
- Yellow (56%)
- Blue (88%)



- Cyan (100%)
- Magenta (0%)
- Yellow (42%)
- Black (12%)





- Cyan (100%)
- Magenta (12%)
- Yellow (49%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 74.429, 153.253 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 79, 74.429, 153.253 by changing the saturation by 10% instead.


 79, 74.429,
153.253

 79, 74.429,
153.253

 100, 74.429,
153.253

 69, 74.429,
153.253


 99, 74.429,
153.253

 59, 74.429,
153.253

 49, 74.429,
153.253

 39, 74.429,
153.253

 29, 74.429,
153.253

 19, 74.429,
153.253

 9, 74.429, 153.253

■ 0, 74.429, 153.253

■ 79, 74.429,
153.253

■ 79, 74.429,
153.253

■ 79, 74.443,
153.245

■ 79, 70.173,
155.522

■ 80, 65.178,
157.647

■ 80, 59.287,
159.559

■ 81, 52.507,
161.259

■ 82, 44.921,
162.767

■ 83, 36.660,
164.106

■ 84, 27.881,
165.303

■ 86, 18.744,
166.382

■ 87, 9.394, 167.378

Harmonies

Complementary

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



79, 74.429, 153.253



48, 76.744, 10.439

Rectangle

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



79, 74.429, 153.253



79, 74.429, 203.253



79, 74.429, 333.253



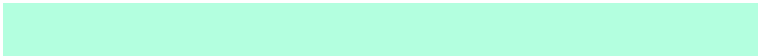
79, 74.429, 23.253

Sweetspot

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



79, 74.429, 153.253



94, 30.997, 165.274



80, 101.197, 130.271



50, 21.033, 164.781



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



79, 74.429, 153.253



89, 82.385, 153.064



77, 41.689, 207.877



46, 5.360, 167.429



63, 61.679, 153.649



17, 23.379, 158.092

Inverse Universe

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



48, 76.744, 10.439



54, 84.696, 10.867



47, 93.921, 40.571



44, 5.456, 349.010



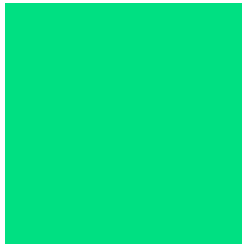
37, 64.010, 9.550



6, 25.797, 0.431

Previews

White Background



This preview shows how the CIELCh color 79, 74.429, 153.253 looks on a white background.

Color Contrast Check

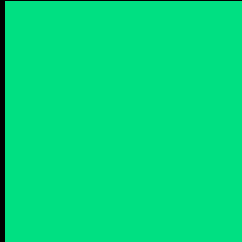
Large Text (above 18pt) WCAG AA × Fail

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 79, 74.429, 153.253 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 79, 74.429, 153.253

Background



This preview shows how black text looks on a background with the CIELCh color 79, 74.429, 153.253.

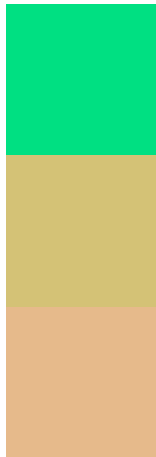


This preview shows how white text looks on a background with the CIELCh color 79, 74.429, 153.253.

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

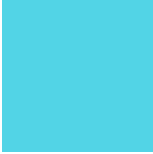
79, 74.429, 153.253

Protanopia

78, 40.614, 95.692

Deuteranopia

78, 31.318, 72.128



Tritanopia
79, 35.661, 212.962

Trichromacy



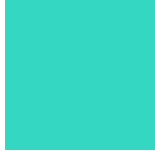
Original Color
79, 74.429, 153.253



Protanomaly
76, 51.257, 137.686



Deuteranomaly
76, 39.896, 138.302



Tritanomaly
78, 45.722, 181.176

Monochromacy



Original Color
79, 74.429, 153.253



Achromatopsia
61, 0.008, 296.813



Achromatomaly
65, 34.391, 163.348

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 74.429, 153.253 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(0, 224, 130)` looks like.

```
.text, #text, p{  
    color:rgb(0, 224, 130)  
}
```

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(0, 224, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 224, 130) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 74.429, 153.253 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(0, 224, 130) }
```

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

```
.border{ border-color:rgb(0, 224, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 224, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 224, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 224, 130);  
box-shadow:4px 4px 4px 4px rgb(0, 224,  
130) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 74.429, 153.253 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 224, 130) }
```

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

```
.background{ background-color: rgb(0, 224,  
130) }
```

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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