

Converting Colors

CIELCh(79, 71.054, 154.441)

Have a look what the booklet for
CIELCh(79, 71.054, 154.441)
contains.

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Color

CIELCh(79, 70.761, 154.577)

Conversions

Conversions Part 1

Format	Color
Hex	1CDF88
RGB	28, 223, 136
RGB Percent	11%, 87%, 53%
CMY	0.8916, 0.1245, 0.4658
CMYK	0.88, 0.00, 0.39, 0.12
HSL	153°, 78%, 49%
HSV	153°, 88%, 88%
XYZ	31.3799, 54.9284, 32.3214
YIQ	154.7770, -88.2930, -68.3970

Conversions

Conversions Part 2

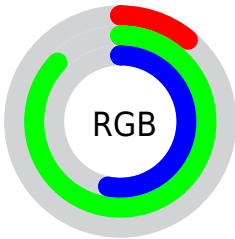
Format	Color
RYB	28, 153, 223
Decimal	1892232
CIELab	79.00, -63.91, 30.38
CIELCh	79, 70.761, 154.577
Yxy	54.9284, 0.2645, 0.4630
Android (android.graphics.Color)	4280082312 (0xFF1CDF88)
YUV	154.7770, -9.2571, -111.1834
Hunter-Lab	74.1137, -54.1216, 26.0229

Details

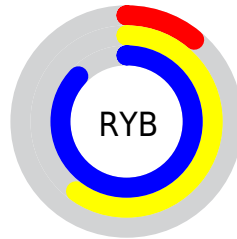
The CIELCh color **79, 70.761, 154.577** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed spring green. A complement of this color would be **49, 73.858, 2.456**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **91, 56.660, 159.705**, and **60, 63.512, 149.958** is the 20% darker color. If you saturate the color by 10%, you get **79, 75.350, 152.311**, and if you desaturate by 10%, it is **79, 65.342, 156.659**.

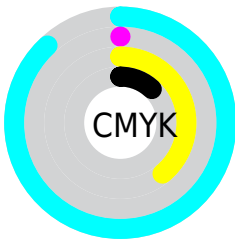
Distribution



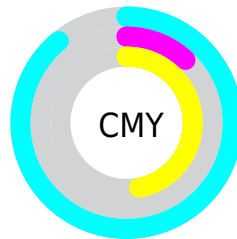
- Red (11%)
- Green (87%)
- Blue (53%)



- Red (11%)
- Yellow (60%)
- Blue (87%)



- Cyan (88%)
- Magenta (0%)
- Yellow (39%)
- Black (12%)





- Cyan (89%)
- Magenta (12%)
- Yellow (47%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 70.761, 154.577 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, 70.761, 154.577 by changing the saturation by 10% instead.


 79, 70.761,
154.577


 79, 70.761,
154.577


 100, 70.761,
154.577


 69, 70.761,
154.577


 99, 70.761,
154.577

 59, 70.761,
154.577

 49, 70.761,
154.577

 39, 70.761,
154.577

 29, 70.761,
154.577

 19, 70.761,
154.577

 9, 70.761, 154.577

■ 0, 70.761, 154.577

■ 79, 70.761,
154.577

■ 79, 70.761,
154.577

■ 79, 75.350,
152.311

■ 79, 65.342,
156.659

■ 79, 76.386,
151.779

■ 80, 59.017,
158.527

■ 81, 51.818,
160.185

■ 82, 43.848,
161.652

■ 83, 35.250,
162.953

■ 84, 26.186,
164.113

■ 86, 16.815,
165.160

■ 87, 7.282, 166.133

■ 89, 2.290, 346.723

Harmonies

Complementary

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



79, 70.761, 154.577



49, 73.858, 2.456

Rectangle

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



79, 70.761, 154.577



79, 70.761, 204.577



79, 70.761, 334.577



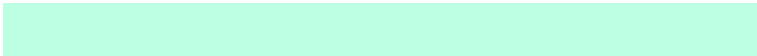
79, 70.761, 24.577

Sweetspot

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



79, 70.761, 154.577



95, 27.500, 164.268



80, 95.397, 128.578



50, 18.581, 163.883



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, 70.761, 154.577



89, 84.772, 151.592



78, 41.766, 203.900



46, 5.455, 165.956



63, 63.446, 152.177



17, 23.980, 156.646

Inverse Universe

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



49, 73.858, 2.456



55, 84.469, 8.371



48, 85.756, 37.805



44, 5.543, 347.511



37, 63.915, 7.111



6, 25.961, 358.708

Previews

White Background



This preview shows how the CIELCh color 79, 70.761, 154.577 looks on a white background.

Color Contrast Check

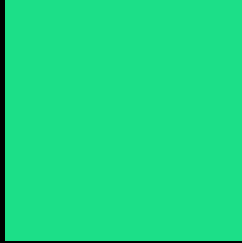
Large Text (above 18pt) WCAG AA × Fail

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, 70.761, 154.577 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

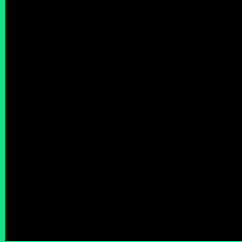
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 79, 70.761, 154.577

Background



This preview shows how black text looks on a background with the CIELCh color 79, 70.761, 154.577.

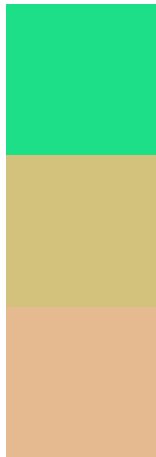


This preview shows how white text looks on a background with the CIELCh color 79, 70.761, 154.577.

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, 70.708, 154.546

Protanopia

78, 37.535, 95.823

Deuteranopia

78, 28.410, 69.600



Tritanopia
79, 35.334, 212.207

Trichromacy



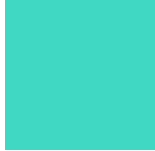
Original Color
79, 70.708, 154.546



Protanomaly
77, 46.897, 136.532



Deuteranomaly
76, 35.232, 136.113



Tritanomaly
79, 44.034, 181.434

Monochromacy



Original Color
79, 70.708, 154.546



Achromatopsia
64, 0.008, 296.813



Achromatomaly
68, 31.117, 162.471

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 70.761, 154.577 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(28, 223, 136)` looks like.

```
.text, #text, p{  
    color:rgb(28, 223, 136)  
}
```

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(28, 223, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(28, 223, 136) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 70.761, 154.577 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(28, 223, 136) }
```

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

```
.border{ border-color:rgb(28, 223, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(28, 223, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(28, 223, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(28, 223, 136);  
box-shadow:4px 4px 4px 4px rgb(28, 223,  
136) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 70.761, 154.577 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(28, 223, 136) }
```

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

```
.background{ background-color: rgb(28, 223,  
136) }
```

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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