

Converting Colors

CIELCh(79, 81.440, 148.790)

Have a look what the booklet for
CIELCh(79, 81.440, 148.790)
contains.

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Color

CIELCh(79, 81.684, 148.685)

Conversions

Conversions Part 1

Format	Color
Hex	01E170
RGB	1, 225, 112
RGB Percent	0%, 88%, 44%
CMY	0.9960, 0.1183, 0.5614
CMYK	1.00, 0.00, 0.50, 0.12
HSL	150°, 99%, 44%
HSV	150°, 100%, 88%
XYZ	29.8063, 54.9284, 24.3145
YIQ	145.1420, -97.2310, -82.6310

Conversions

Conversions Part 2

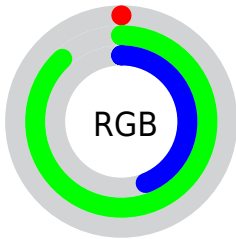
Format	Color
RYB	1, 151, 225
Decimal	123248
CIELab	79.00, -69.78, 42.45
CIELCh	79, 81.684, 148.685
Yxy	54.9284, 0.2733, 0.5037
Android (android.graphics.Color)	4278313328 (0xFF01E170)
YUV	145.1420, -16.3390, -126.4125
Hunter-Lab	74.1137, -57.9116, 32.4283

Details

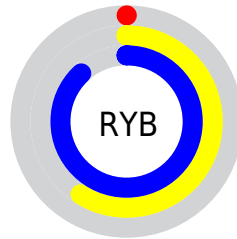
The CIELCh color **79, 81.684, 148.685** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed spring green. A complement of this color would be **49, 76.985, 1.953**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **91, 66.420, 152.193**, and **60, 73.687, 143.413** is the 20% darker color. If you saturate the color by 10%, you get **79, 81.904, 148.585**, and if you desaturate by 10%, it is **79, 76.711, 150.941**.

Distribution



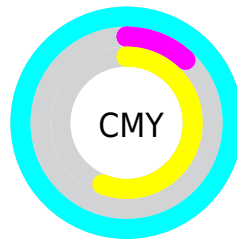
- Red (0%)
- Green (88%)
- Blue (44%)



- Red (0%)
- Yellow (59%)
- Blue (88%)



- Cyan (100%)
- Magenta (0%)
- Yellow (50%)
- Black (12%)





- Cyan (100%)
- Magenta (12%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 81.684, 148.685 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, 81.684, 148.685 by changing the saturation by 10% instead.

 79, 81.684,
148.685

 79, 81.684,
148.685


 100, 81.684,
148.685


 69, 81.684,
148.685

 99, 81.684,
148.685

 59, 81.684,
148.685

 49, 81.684,
148.685

 39, 81.684,
148.685

 29, 81.684,
148.685

 19, 81.684,
148.685

 9, 81.684, 148.685

■ 0, 81.684, 148.685

■ 79, 81.684,
148.685

■ 79, 81.684,
148.685

■ 79, 81.904,
148.585

■ 79, 76.711,
150.941

■ 80, 70.921,
153.062

■ 80, 64.192,
154.974

■ 81, 56.557,
156.671

■ 82, 48.122,
158.168

■ 83, 39.038,
159.487

■ 84, 29.476,
160.653

■ 86, 19.606,
161.693

■ 88, 9.582, 162.640

Harmonies

Complementary

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



79, 81.684, 148.685



49, 76.985, 1.953

Rectangle

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



79, 81.684, 148.685



79, 81.684, 198.685



79, 81.684, 328.685



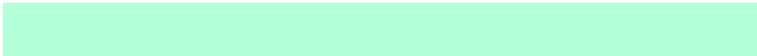
79, 81.684, 18.685

Sweetspot

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



79, 81.684, 148.685



94, 33.133, 160.579



80, 98.697, 127.642



50, 22.515, 160.098



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, 81.684, 148.685



88, 90.408, 148.411



81, 46.119, 193.840



46, 5.693, 162.649



63, 67.627, 148.991



17, 25.422, 153.472

Inverse Universe

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



49, 76.985, 1.953



55, 84.684, 2.473



47, 94.142, 39.359



44, 5.765, 344.134



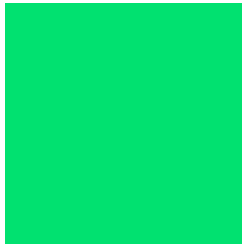
38, 64.230, 1.375



6, 26.480, 354.372

Previews

White Background



This preview shows how the CIELCh color 79, 81.684, 148.685 looks on a white background.

Color Contrast Check

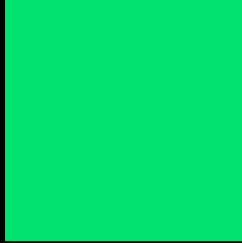
Large Text (above 18pt) WCAG AA × Fail

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, 81.684, 148.685 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, 81.684, 148.685

Background



This preview shows how black text looks on a background with the CIELCh color 79, 81.684, 148.685.

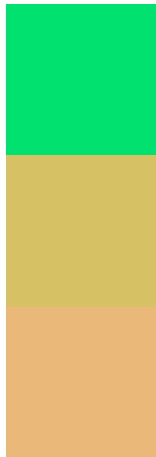


This preview shows how white text looks on a background with the CIELCh color 79, 81.684, 148.685.

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

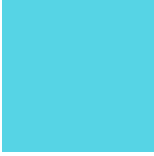
79, 81.708, 148.700

Protanopia

78, 49.042, 95.590

Deuteranopia

78, 39.858, 75.483



Tritanopia
79, 35.016, 212.366

Trichromacy



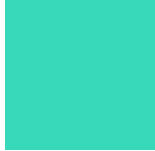
Original Color
79, 81.708, 148.700



Protanomaly
76, 58.279, 132.677



Deuteranomaly
75, 46.962, 131.152



Tritanomaly
78, 48.014, 175.758

Monochromacy



Original Color
79, 81.708, 148.700



Achromatopsia
60, 0.008, 296.813



Achromatomaly
65, 37.003, 158.618

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 81.684, 148.685 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, 225, 112)` looks like.

```
.text, #text, p{  
    color:rgb(1, 225, 112)  
}
```

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, 225, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 225, 112) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 81.684, 148.685 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, 225, 112) }
```

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

```
.border{ border-color:rgb(1, 225, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(1, 225, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 225, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(1, 225, 112);  
box-shadow:4px 4px 4px 4px rgb(1, 225,  
112) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 81.684, 148.685 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(1, 225, 112) }
```

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

```
.background{ background-color: rgb(1, 225,  
112) }
```

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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