

Converting Colors

CIELCh(83, 82.175, 150.395)

Have a look what the booklet for
CIELCh(83, 82.175, 150.395)
contains.

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Color

CIELCh(83, 82.134, 150.396)

Conversions

Conversions Part 1

Format	Color
Hex	01ED7E
RGB	1, 237, 126
RGB Percent	0%, 93%, 49%
CMY	0.9968, 0.0700, 0.5054
CMYK	1.00, 0.00, 0.47, 0.07
HSL	152°, 99%, 47%
HSV	152°, 100%, 93%
XYZ	34.1081, 62.1629, 29.9816
YIQ	153.7820, -105.0250, -84.5530

Conversions

Conversions Part 2

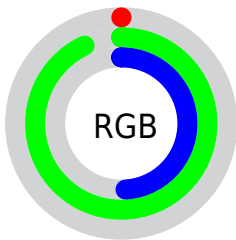
Format	Color
RYB	1, 155, 237
Decimal	126334
CIELab	83.00, -71.41, 40.57
CIELCh	83, 82.134, 150.396
Yxy	62.1629, 0.2702, 0.4924
Android (android.graphics.Color)	4278316414 (0xFF01ED7E)
YUV	153.7820, -13.6965, -133.9898
Hunter-Lab	78.8435, -60.7561, 32.6444

Details

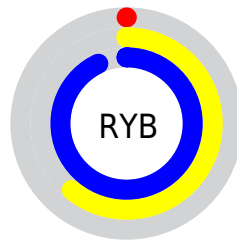
The CIELCh color **83, 82.134, 150.396** is a dark color, and the websafe version is hex **33FF99**. The color can be described as dark washed spring green. A complement of this color would be **51, 79.868, 5.551**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **91, 60.649, 156.288**, and **64, 73.776, 145.484** is the 20% darker color. If you saturate the color by 10%, you get **83, 82.298, 150.319**, and if you desaturate by 10%, it is **83, 77.255, 152.682**.

Distribution



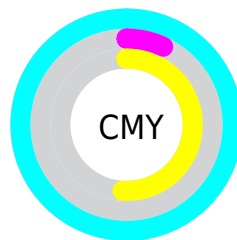
- Red (0%)
- Green (93%)
- Blue (49%)



- Red (0%)
- Yellow (61%)
- Blue (93%)



- Cyan (100%)
- Magenta (0%)
- Yellow (47%)
- Black (7%)





- Cyan (100%)
- Magenta (7%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 83, 82.134, 150.396 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 83, 82.134, 150.396 by changing the saturation by 10% instead.


 83, 82.134,
150.396


 83, 82.134,
150.396


 100, 82.134,
150.396


 73, 82.134,
150.396

 63, 82.134,
150.396

 53, 82.134,
150.396

 43, 82.134,
150.396

 33, 82.134,
150.396

 23, 82.134,
150.396

 13, 82.134,

150.396

■ 3, 82.134, 150.396

■ 0, 82.134, 150.396

■ 83, 82.134,
150.396

■ 83, 82.134,
150.396

■ 83, 82.298,
150.319

■ 83, 77.255,
152.682

■ 84, 71.551,
154.822

■ 84, 64.887,
156.749

■ 85, 57.283,
158.461

■ 86, 48.838,

159.973

■ 87, 39.702,
161.309

■ 89, 30.049,
162.495

■ 90, 20.052,
163.556

■ 92, 9.870, 164.528

Harmonies

Complementary

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



83, 82.134, 150.396



51, 79.868, 5.551

Rectangle

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



83, 82.134, 150.396



83, 82.134, 200.396



83, 82.134, 330.396



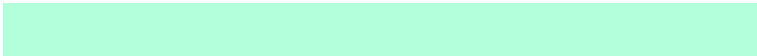
83, 82.134, 20.396

Sweetspot

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



83, 82.134, 150.396



94, 32.230, 162.442



84, 103.960, 128.804



50, 21.890, 161.955



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



83, 82.134, 150.396



89, 87.120, 150.220



84, 46.299, 199.048



48, 5.758, 164.546



65, 66.652, 150.752



19, 26.431, 154.742

Inverse Universe

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



51, 79.868, 5.551



55, 84.430, 5.912



50, 98.589, 40.049



46, 5.842, 346.082



39, 65.319, 4.822



8, 28.349, 357.546

Previews

White Background



This preview shows how the CIE LCh color 83, 82.134, 150.396 looks on a white background.

Color Contrast Check

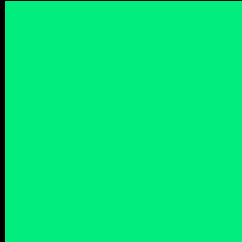
Large Text (above 18pt) WCAG AA × Fail

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 83, 82.134, 150.396 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

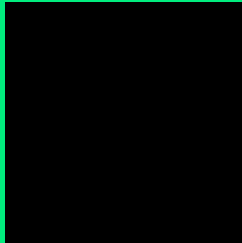
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 83, 82.134, 150.396

Background



This preview shows how black text looks on a background with the CIELCh color 83, 82.134, 150.396.

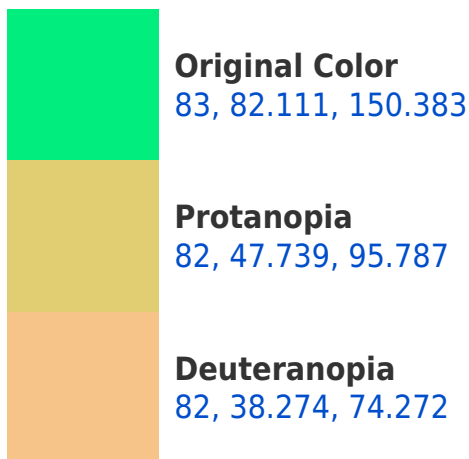


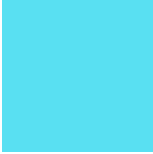
This preview shows how white text looks on a background with the CIELCh color 83, 82.134, 150.396.

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





Tritanopia
83, 36.860, 212.276

Trichromacy



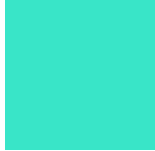
Original Color
83, 82.111, 150.383



Protanomaly
80, 58.454, 134.777



Deuteranomaly
79, 46.293, 133.391



Tritanomaly
82, 49.158, 177.808

Monochromacy



Original Color
83, 82.111, 150.383



Achromatopsia
64, 0.008, 296.813



Achromatomaly
69, 37.529, 160.733

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 82.134, 150.396 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, 237, 126)` looks like.

```
.text, #text, p{  
    color:rgb(1, 237, 126)  
}
```

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, 237, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 237, 126) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 82.134, 150.396 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, 237, 126) }
```

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

```
.border{ border-color:rgb(1, 237, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(1, 237, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 237, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(1, 237, 126);  
box-shadow:4px 4px 4px 4px rgb(1, 237,  
126) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 82.134, 150.396 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(1, 237, 126) }
```

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

```
.background{ background-color: rgb(1, 237,  
126) }
```

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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