

Converting Colors

CIELCh(78, 103.411, 142.111)

Have a look what the booklet for
CIELCh(78, 103.411, 142.111)
contains.

CIELCh(79, 99.514, 139.811)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(79, 99.514, 139.811)

Conversions

Conversions Part 1

Format	Color
Hex	08E23C
RGB	8, 226, 60
RGB Percent	3%, 89%, 24%
CMY	0.9701, 0.1126, 0.7634
CMYK	0.97, 0.00, 0.73, 0.11
HSL	134°, 93%, 46%
HSV	134°, 97%, 89%
XYZ	28.1947, 54.9284, 13.4378
YIQ	141.8940, -76.6420, -97.8420

Conversions

Conversions Part 2

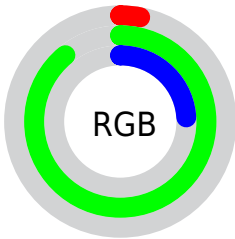
Format	Color
RYB	8, 184, 226
Decimal	582204
CIELab	79.00, -76.02, 64.22
CIELCh	79, 99.514, 139.811
Yxy	54.9284, 0.2920, 0.5688
Android (android.graphics.Color)	4278772284 (0xFF08E23C)
YUV	141.8940, -40.3737, -117.4250
Hunter-Lab	74.1137, -61.7931, 41.1295

Details

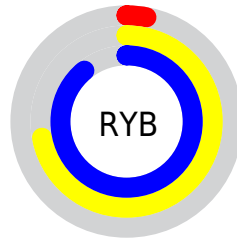
The CIELCh color **79, 99.514, 139.811** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **51, 87.450, 340.489**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **90, 84.711, 140.586**, and **60, 88.014, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **79, 101.230, 139.267**, and if you desaturate by 10%, it is **79, 93.539, 141.593**.

Distribution



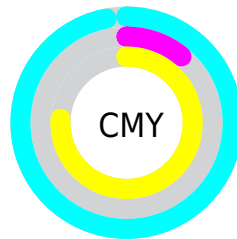
- Red (3%)
- Green (89%)
- Blue (24%)



- Red (3%)
- Yellow (72%)
- Blue (89%)



- Cyan (97%)
- Magenta (0%)
- Yellow (73%)
- Black (11%)





- Cyan (97%)
- Magenta (11%)
- Yellow (76%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 99.514, 139.811 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, 99.514, 139.811 by changing the saturation by 10% instead.


 79, 99.514,
139.811


 79, 99.514,
139.811


 100, 99.514,
139.811


 69, 99.514,
139.811


 99, 99.514,
139.811

 59, 99.514,
139.811

 49, 99.514,
139.811

 39, 99.514,
139.811

 29, 99.514,
139.811

 19, 99.514,
139.811

 9, 99.514, 139.811

■ 0, 99.514, 139.811

■ 79, 99.514,
139.811

■ 79, 99.514,
139.811

■ 79, 101.230,
139.267

■ 79, 93.539,
141.593

■ 80, 86.048,
143.358

■ 80, 77.184,
145.012

■ 81, 67.154,
146.507

■ 82, 56.200,
147.829

■ 83, 44.581,
148.980

■ 85, 32.544,
149.978

■ 87, 20.306,
150.843

■ 89, 8.051, 151.612

Harmonies

Complementary

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



79, 99.514, 139.811



51, 87.450, 340.489

Rectangle

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



79, 99.514, 139.811



79, 99.514, 189.811



79, 99.514, 319.811



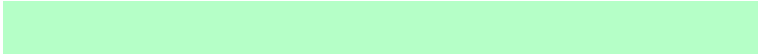
79, 99.514, 9.811

Sweetspot

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



79, 99.514, 139.812



94, 39.029, 149.736



84, 90.897, 116.374



49, 26.735, 149.309



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, 99.514, 139.812



88, 111.111, 139.146



80, 61.231, 165.011



46, 6.866, 151.401



63, 83.264, 139.578



16, 31.095, 144.001

Inverse Universe

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



51, 87.450, 340.489



57, 95.732, 341.079



48, 80.372, 23.045



44, 6.892, 332.585



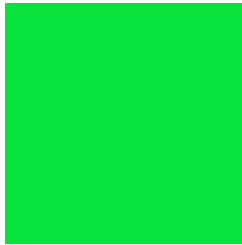
39, 72.762, 340.706



7, 30.528, 338.225

Previews

White Background



This preview shows how the CIELCh color 79, 99.514, 139.811 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, 99.514, 139.811 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

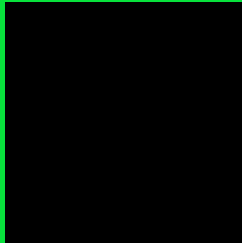
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 79, 99.514, 139.811

Background



This preview shows how black text looks on a background with the CIELCh color 79, 99.514, 139.811.

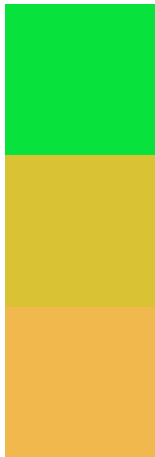


This preview shows how white text looks on a background with the CIELCh color 79, 99.514, 139.811.

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, 99.478, 139.776

Protanopia
78, 69.505, 95.357

Deuteranopia
78, 61.166, 80.503



Tritanopia
79, 33.646, 213.091

Trichromacy



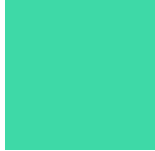
Original Color
79, 99.478, 139.776



Protanomaly
76, 77.346, 123.791



Deuteranomaly
75, 66.318, 120.025



Tritanomaly
78, 53.267, 165.629

Monochromacy



Original Color
79, 99.478, 139.776



Achromatopsia
59, 0.008, 296.813



Achromatomaly
64, 44.991, 147.852

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 99.514, 139.811 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(8, 226, 60)` looks like.

```
.text, #text, p{  
    color:rgb(8, 226, 60)  
}
```

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(8, 226, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(8, 226, 60) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 99.514, 139.811 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(8, 226, 60) }
```

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

```
.border{ border-color:rgb(8, 226, 60) }
```

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

Here you see how a box with a 4 pixel `rgb(8, 226, 60)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(8, 226, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(8, 226, 60);  
box-shadow:4px 4px 4px 4px rgb(8, 226, 60)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 79, 99.514, 139.811 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(8, 226, 60) }
```

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

```
.background{ background-color: rgb(8, 226,  
60) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor