

Converting Colors

CIELCh(79, 101.390, 139.293)

Have a look what the booklet for
CIELCh(79, 101.390, 139.293)
contains.

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Color

CIELCh(79, 101.404, 139.294)

Conversions

Conversions Part 1

Format	Color
Hex	00E336
RGB	0, 227, 54
RGB Percent	0%, 89%, 21%
CMY	1.0000, 0.1117, 0.7863
CMYK	1.00, 0.00, 0.76, 0.11
HSL	134°, 100%, 44%
HSV	134°, 100%, 89%
XYZ	27.9796, 54.9284, 12.6770
YIQ	139.4050, -79.7590, -101.9270

Conversions

Conversions Part 2

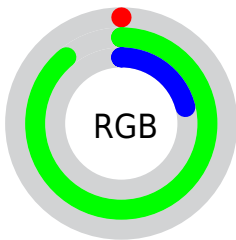
Format	Color
RYB	0, 183, 227
Decimal	58166
CIELab	79.00, -76.87, 66.13
CIELCh	79, 101.404, 139.294
Yxy	54.9284, 0.2927, 0.5747
Android (android.graphics.Color)	4278248246 (0xFF00E336)
YUV	139.4050, -42.1047, -122.2582
Hunter-Lab	74.1137, -62.3112, 41.7382

Details

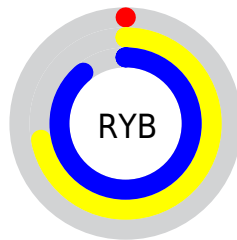
The CIELCh color **79, 101.404, 139.294** is a dark color, and the websafe version is hex **00CC00**. The color can be described as dark washed green. A complement of this color would be **51, 87.666, 340.938**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **90, 86.557, 139.725**, and **61, 88.399, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **79, 101.341, 139.254**, and if you desaturate by 10%, it is **79, 95.838, 140.972**.

Distribution



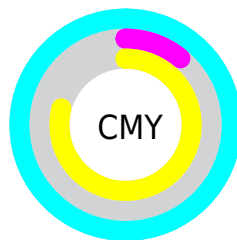
- Red (0%)
- Green (89%)
- Blue (21%)



- Red (0%)
- Yellow (72%)
- Blue (89%)



- Cyan (100%)
- Magenta (0%)
- Yellow (76%)
- Black (11%)





- Cyan (100%)
- Magenta (11%)
- Yellow (79%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 101.404, 139.294 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, 101.404, 139.294 by changing the saturation by 10% instead.


 79, 101.404,
139.294


 79, 101.404,
139.294

 100, 101.404,
139.294


 69, 101.404,
139.294


 99, 101.404,
139.294

 59, 101.404,
139.294

 49, 101.404,
139.294

 39, 101.404,
139.294

 29, 101.404,
139.294

 19, 101.404,
139.294

 9, 101.404,

139.294

■ 0, 101.404,
139.294

■ 79, 101.404,
139.294

■ 79, 101.404,
139.294

■ 79, 101.341,
139.254

■ 79, 95.838,
140.972

■ 80, 88.842,
142.755

■ 80, 80.413,
144.452

■ 81, 70.740,
146.004

■ 82, 60.056,
147.384

■ 83, 48.619,
148.592

■ 85, 36.682,
149.639

■ 86, 24.475,
150.546

■ 88, 12.193,
151.340

Harmonies

Complementary

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



79, 101.404, 139.294



51, 87.666, 340.938

Rectangle

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



79, 101.404, 139.294



79, 101.404, 189.294



79, 101.404, 319.294



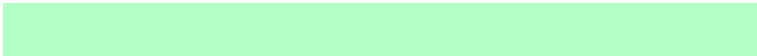
79, 101.404, 9.294

Sweetspot

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



79, 101.341, 139.254



94, 40.377, 149.620



84, 91.776, 116.663



49, 27.495, 149.192



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, 101.341, 139.254



88, 111.144, 139.134



80, 62.193, 164.312



46, 6.869, 151.382



63, 83.290, 139.566



16, 31.104, 143.989

Inverse Universe

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



51, 87.666, 340.938



57, 95.767, 341.045



48, 82.025, 24.882



44, 6.895, 332.566



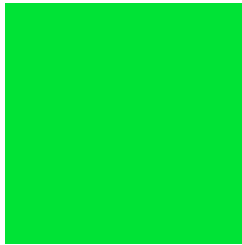
39, 72.788, 340.672



7, 30.538, 338.199

Previews

White Background



This preview shows how the CIE LCh color 79, 101.404, 139.294 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, 101.404, 139.294 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

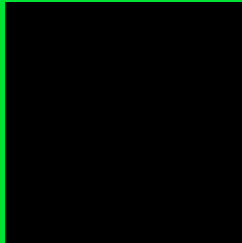
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 79, 101.404, 139.294

Background



This preview shows how black text looks on a background with the CIELCh color 79, 101.404, 139.294.



This preview shows how white text looks on a background with the CIELCh color 79, 101.404, 139.294.

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

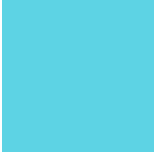
79, 101.660, 139.187

Protanopia

78, 71.460, 95.041

Deuteranopia

78, 63.381, 80.689



Tritanopia
79, 33.646, 213.091

Trichromacy



Original Color

79, 101.660, 139.187



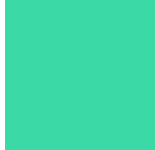
Protanomaly

76, 79.427, 123.703



Deuteranomaly

75, 68.451, 120.088



Tritanomaly

78, 54.331, 164.922

Monochromacy



Original Color

79, 101.660, 139.187



Achromatopsia

58, 0.007, 296.813



Achromatomaly

64, 46.524, 147.700

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 101.404, 139.294 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, 227, 54)` looks like.

```
.text, #text, p{  
    color:rgb(0, 227, 54)  
}
```

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, 227, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 227, 54) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 101.404, 139.294 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, 227, 54) }
```

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

```
.border{ border-color:rgb(0, 227, 54) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 227, 54)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 227, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 227, 54);  
box-shadow:4px 4px 4px 4px rgb(0, 227, 54)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 79, 101.404, 139.294 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 227, 54) }
```

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

```
.background{ background-color: rgb(0, 227,  
54) }
```

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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