

Converting Colors

CIELCh(79, 109.019, 135.564)

Have a look what the booklet for
CIELCh(79, 109.019, 135.564)
contains.

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Color

CIELCh(79, 109.059, 135.591)

Conversions

Conversions Part 1

Format	Color
Hex	17E300
RGB	23, 227, 0
RGB Percent	9%, 89%, 0%
CMY	0.9105, 0.1111, 1.0000
CMYK	0.90, 0.00, 1.00, 0.11
HSL	114°, 100%, 44%
HSV	114°, 100%, 89%
XYZ	27.7188, 54.9284, 9.1105
YIQ	140.1260, -48.7170, -113.8450

Conversions

Conversions Part 2

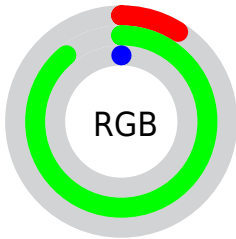
Format	Color
RYB	0, 227, 204
Decimal	1565440
CIELab	79.00, -77.91, 76.32
CIELCh	79, 109.059, 135.591
Yxy	54.9284, 0.3021, 0.5986
Android (android.graphics.Color)	4279755520 (0xFF17E300)
YUV	140.1260, -69.0821, -102.7195
Hunter-Lab	74.1137, -62.9393, 44.5913

Details

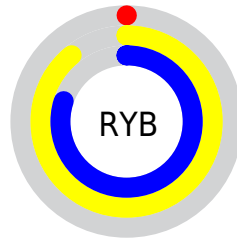
The CIELCh color **79, 109.059, 135.591** is a dark color, and the websafe version is hex **33FF33**. The color can be described as dark washed green. A complement of this color would be **50, 106.453, 324.279**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **90, 94.704, 135.190**, and **61, 88.399, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **79, 108.980, 135.621**, and if you desaturate by 10%, it is **79, 105.890, 135.629**.

Distribution



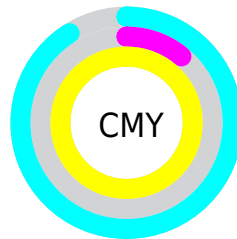
- Red (9%)
- Green (89%)
- Blue (0%)



- Red (0%)
- Yellow (89%)
- Blue (80%)



- Cyan (90%)
- Magenta (0%)
- Yellow (100%)
- Black (11%)





- Cyan (91%)
- Magenta (11%)
- Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 109.059, 135.591 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, 109.059, 135.591 by changing the saturation by 10% instead.


 79, 109.059,
135.591


 79, 109.059,
135.591


 100, 109.059,
135.591


 69, 109.059,
135.591


 99, 109.059,
135.591

 59, 109.059,
135.591

 49, 109.059,
135.591

 39, 109.059,
135.591

 29, 109.059,
135.591

 19, 109.059,
135.591

 9, 109.059,

135.591

■ 0, 109.059,
135.591

■ 79, 109.059,
135.591

■ 79, 109.059,
135.591

■ 79, 108.980,
135.621

■ 79, 105.890,
135.629

■ 80, 100.146,
135.934

■ 80, 91.720,
136.558

■ 81, 81.154,
137.369

■ 82, 69.046,
138.243

■ 83, 55.912,
139.095

■ 85, 42.162,
139.879

■ 86, 28.111,
140.578

■ 88, 13.996,
141.193

Harmonies

Complementary

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



79, 109.059, 135.591



50, 106.453, 324.279

Rectangle

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



79, 109.059, 135.591



79, 109.059, 185.591



79, 109.059, 315.591



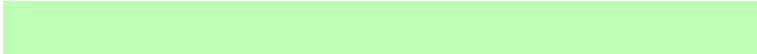
79, 109.059, 5.591

Sweetspot

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



79, 108.980, 135.621



94, 46.387, 139.865



81, 81.683, 94.606



49, 31.596, 139.541



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, 108.980, 135.621



88, 119.184, 135.654



79, 91.558, 143.696



46, 7.880, 141.225



63, 90.074, 135.529



16, 34.351, 137.660

Inverse Universe

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



50, 106.453, 324.279



56, 116.375, 324.254



50, 80.371, 351.904



44, 7.907, 322.134



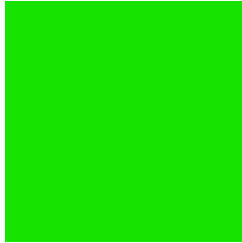
39, 88.082, 324.343



7, 35.785, 324.833

Previews

White Background



This preview shows how the CIE LCh color 79, 109.059, 135.591 looks on a white background.

Color Contrast Check

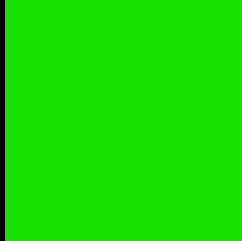
Large Text (above 18pt) WCAG AA × Fail

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, 109.059, 135.591 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, 109.059, 135.591

Background



This preview shows how black text looks on a background with the CIELCh color 79, 109.059, 135.591.



This preview shows how white text looks on a background with the CIELCh color 79, 109.059, 135.591.

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, 109.098, 135.618

Protanopia

78, 79.733, 94.821

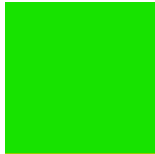
Deuteranopia

78, 71.960, 81.878



Tritanopia
79, 32.934, 213.486

Trichromacy



Original Color
79, 109.098, 135.618



Protanomaly
76, 86.599, 119.076

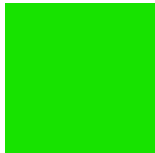


Deuteranomaly
76, 78.263, 114.552



Tritanomaly
78, 60.278, 156.093

Monochromacy



Original Color
79, 109.098, 135.618



Achromatopsia
58, 0.007, 296.813



Achromatomaly
64, 53.519, 138.569

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 109.059, 135.591 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(23, 227, 0)` looks like.

```
.text, #text, p{  
    color:rgb(23, 227, 0)  
}
```

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(23, 227, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(23, 227, 0) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 109.059, 135.591 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(23, 227, 0) }
```

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

```
.border{ border-color:rgb(23, 227, 0) }
```

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

Here you see how a box with a 4 pixel rgb(23, 227, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(23, 227, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(23, 227, 0);  
box-shadow:4px 4px 4px 4px rgb(23, 227, 0)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 79, 109.059, 135.591 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(23, 227, 0) }
```

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

```
.background{ background-color: rgb(23, 227,  
0) }
```

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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