

Converting Colors

CIELCh(79, 109.211, 135.909)

Have a look what the booklet for
CIELCh(79, 109.211, 135.909)
contains.

CIELCh(79, 109.290, 135.900)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	25
<i>CSS Examples</i>	28

Color

CIELCh(79, 109.290, 135.900)

Conversions

Conversions Part 1

Format	Color
Hex	0BE302
RGB	11, 227, 2
RGB Percent	4%, 89%, 1%
CMY	0.9564, 0.1104, 0.9940
CMYK	0.95, 0.00, 0.99, 0.11
HSL	117°, 99%, 45%
HSV	117°, 99%, 89%
XYZ	27.5745, 54.9284, 9.1921
YIQ	136.7660, -56.5110, -115.7670

Conversions

Conversions Part 2

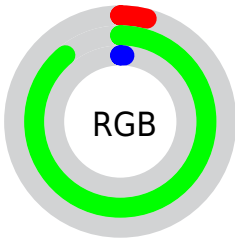
Format	Color
RYB	2, 227, 218
Decimal	779010
CIELab	79.00, -78.48, 76.06
CIELCh	79, 109.290, 135.900
Yxy	54.9284, 0.3007, 0.5990
Android (android.graphics.Color)	4278969090 (0xFF0BE302)
YUV	136.7660, -66.4396, -110.2968
Hunter-Lab	74.1137, -63.2869, 44.5260

Details

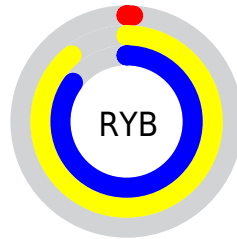
The CIELCh color **79, 109.290, 135.900** is a dark color, and the websafe version is hex **33FF33**. The color can be described as dark washed green. A complement of this color would be **52, 105.890, 326.543**, and the grayscale version is **57, 0.007, 296.813**.

A 20% lighter version of the original color is **90, 94.817, 135.687**, and **61, 88.399, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **79, 109.435, 135.879**, and if you desaturate by 10%, it is **79, 106.389, 136.142**.

Distribution



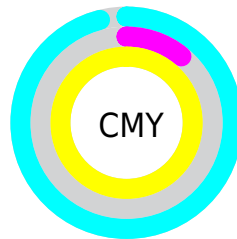
- Red (4%)
- Green (89%)
- Blue (1%)



- Red (1%)
- Yellow (89%)
- Blue (85%)



- Cyan (95%)
- Magenta (0%)
- Yellow (99%)
- Black (11%)





- Cyan (96%)
- Magenta (11%)
- Yellow (99%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 109.290, 135.900 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, 109.290, 135.900 by changing the saturation by 10% instead.


 79, 109.290,
135.900


 79, 109.290,
135.900


 100, 109.290,
135.900


 69, 109.290,
135.900


 99, 109.290,
135.900

 59, 109.290,
135.900

 49, 109.290,
135.900

 39, 109.290,
135.900

 29, 109.290,
135.900

 19, 109.290,
135.900

 9, 109.290,

135.900

■ 0, 109.290,
135.900

■ 79, 109.290,
135.900

■ 79, 109.290,
135.900

■ 79, 109.435,
135.879

■ 79, 106.389,
136.142

■ 80, 100.710,
136.696

■ 80, 92.280,
137.541

■ 81, 81.636,
138.534

■ 82, 69.377,
139.551

■ 83, 56.028,
140.513

■ 85, 42.020,
141.380

■ 86, 27.692,
142.141

■ 88, 13.299,
142.802

Harmonies

Complementary

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



79, 109.290, 135.900



52, 105.890, 326.543

Rectangle

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



79, 109.290, 135.900



79, 109.290, 185.900



79, 109.290, 315.900



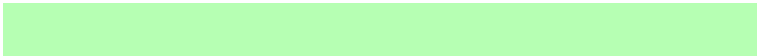
79, 109.290, 5.900

Sweetspot

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



79, 109.289, 135.901



94, 47.256, 141.309



85, 85.376, 99.570



49, 32.180, 140.950



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, 109.289, 135.901



88, 119.584, 135.898



80, 85.920, 146.590



46, 8.029, 142.795



63, 90.444, 135.829



16, 34.863, 138.712

Inverse Universe

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



52, 105.890, 326.543



58, 115.821, 326.527



49, 78.306, 357.640



44, 8.047, 323.773



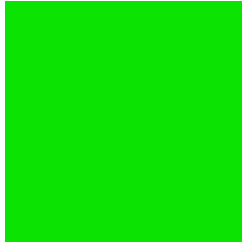
40, 87.677, 326.566



7, 35.900, 326.803

Previews

White Background



This preview shows how the CIE LCh color 79, 109.290, 135.900 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, 109.290, 135.900 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

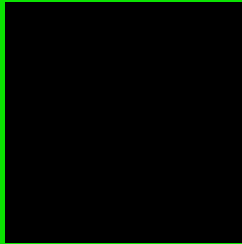
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 79, 109.290, 135.900

Background



This preview shows how black text looks on a background with the CIELCh color 79, 109.290, 135.900.



This preview shows how white text looks on a background with the CIELCh color 79, 109.290, 135.900.

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, 109.313, 135.916

Protanopia

78, 79.733, 94.821

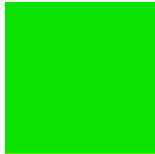
Deuteranopia

78, 71.960, 81.878



Tritanopia
79, 33.115, 213.384

Trichromacy



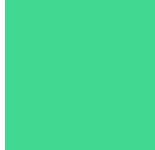
Original Color
79, 109.313, 135.916



Protanomaly
76, 87.149, 120.291

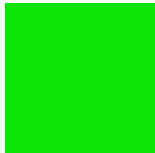


Deuteranomaly
75, 78.540, 116.055



Tritanomaly
78, 60.558, 156.887

Monochromacy



Original Color
79, 109.313, 135.916



Achromatopsia
57, 0.007, 296.813



Achromatomaly
63, 53.923, 139.877

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 109.290, 135.900 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(11, 227, 2)` looks like.

```
.text, #text, p{  
    color:rgb(11, 227, 2)  
}
```

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(11, 227, 2) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(11, 227, 2) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 109.290, 135.900 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(11, 227, 2) }
```

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

```
.border{ border-color:rgb(11, 227, 2) }
```

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

Here you see how a box with a 4 pixel `rgb(11, 227, 2)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(11, 227, 2); -webkit-box-  
shadow:4px 4px 4px 4px rgb(11, 227, 2);  
box-shadow:4px 4px 4px 4px rgb(11, 227, 2)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 79, 109.290, 135.900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(11, 227, 2) }
```

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

```
.background{ background-color: rgb(11, 227,  
2) }
```

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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