

Converting Colors

CIELCh(79, 106.086, 133.862)

Have a look what the booklet for
CIELCh(79, 106.086, 133.862)
contains.

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Color

CIELCh(79, 105.916, 133.871)

Conversions

Conversions Part 1

Format	Color
Hex	3CE101
RGB	60, 225, 1
RGB Percent	24%, 88%, 0%
CMY	0.7635, 0.1169, 0.9975
CMYK	0.73, 0.00, 1.00, 0.12
HSL	104°, 99%, 44%
HSV	104°, 100%, 88%
XYZ	28.8637, 54.9284, 9.0985
YIQ	150.1290, -26.4360, -104.6440

Conversions

Conversions Part 2

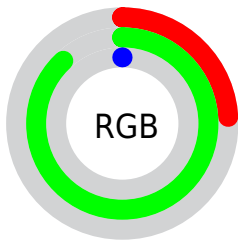
Format	Color
RYB	1, 225, 166
Decimal	3989761
CIELab	79.00, -73.40, 76.36
CIELCh	79, 105.916, 133.871
Yxy	54.9284, 0.3107, 0.5913
Android (android.graphics.Color)	4282179841 (0xFF3CE101)
YUV	150.1290, -73.5206, -79.0431
Hunter-Lab	74.1137, -60.1817, 44.6009

Details

The CIELCh color **79, 105.916, 133.871** 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 **44, 108.327, 318.375**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **90, 92.289, 132.994**, and **60, 87.629, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **79, 106.008, 133.887**, and if you desaturate by 10%, it is **79, 102.111, 133.279**.

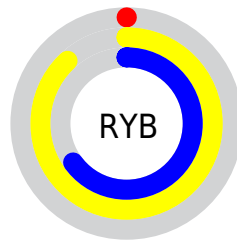
Distribution



Red (24%)

Green (88%)

Blue (0%)



Red (0%)

Yellow (88%)

Blue (65%)

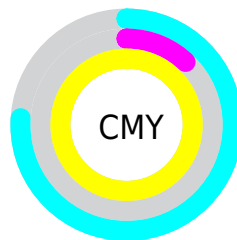


Cyan (73%)

Magenta (0%)

Yellow (100%)

Black (12%)



Cyan (76%)


Magenta (12%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 105.916, 133.871 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, 105.916, 133.871 by changing the saturation by 10% instead.


 79, 105.916,
133.871


 79, 105.916,
133.871


 100, 105.916,
133.871


 69, 105.916,
133.871


 99, 105.916,
133.871

 59, 105.916,
133.871

 49, 105.916,
133.871

 39, 105.916,
133.871

 29, 105.916,
133.871

 19, 105.916,
133.871

 9, 105.916,

133.871

■ 0, 105.916,
133.871

■ 79, 105.916,
133.871

■ 79, 105.916,
133.871

■ 79, 106.008,
133.887

■ 79, 102.111,
133.279

■ 80, 95.881,
133.048

■ 81, 87.265,
133.201

■ 81, 76.804,
133.614

■ 82, 65.061,
134.162

■ 84, 52.496,
134.757

■ 85, 39.452,
135.344

■ 86, 26.179,
135.894

■ 88, 12.857,
136.398

Harmonies

Complementary

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



79, 105.916, 133.871



44, 108.327, 318.375

Rectangle

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



79, 105.916, 133.871



79, 105.916, 183.871



79, 105.916, 313.871



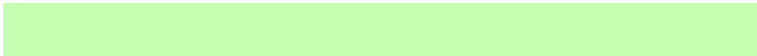
79, 105.916, 3.871

Sweetspot

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



79, 105.915, 133.872



95, 44.049, 135.316



72, 75.825, 81.628



50, 30.011, 135.069



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, 105.915, 133.872



88, 116.562, 133.965



79, 101.154, 139.130



46, 7.492, 136.411



63, 87.945, 133.697



17, 33.006, 134.561

Inverse Universe

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



44, 108.327, 318.375



49, 119.123, 318.298



51, 87.727, 340.413



44, 7.546, 317.193



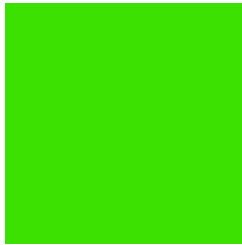
34, 90.085, 318.501



5, 35.056, 319.039

Previews

White Background



This preview shows how the CIE LCh color 79, 105.916, 133.871 looks on a white background.

Color Contrast Check

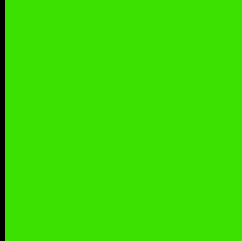
Large Text (above 18pt) WCAG AA × Fail

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, 105.916, 133.871 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, 105.916, 133.871

Background



This preview shows how black text looks on a background with the CIELCh color 79, 105.916, 133.871.



This preview shows how white text looks on a background with the CIELCh color 79, 105.916,

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, 105.839, 133.899

Protanopia

78, 79.733, 94.821

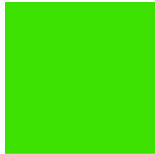
Deuteranopia

78, 72.268, 81.938



Tritanopia
79, 30.196, 215.184

Trichromacy



Original Color
79, 105.839, 133.899



Protanomaly
77, 84.701, 115.583



Deuteranomaly
76, 76.851, 110.336



Tritanomaly
78, 56.331, 153.730

Monochromacy



Original Color
79, 105.839, 133.899



Achromatopsia
62, 0.008, 296.813



Achromatomaly
67, 49.603, 134.618

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 105.916, 133.871 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(60, 225, 1)` looks like.

```
.text, #text, p{  
    color:rgb(60, 225, 1)  
}
```

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(60, 225, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 225, 1) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 105.916, 133.871 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(60, 225, 1) }
```

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

```
.border{ border-color:rgb(60, 225, 1) }
```

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

Here you see how a box with a 4 pixel `rgb(60, 225, 1)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 225, 1); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 225, 1);  
box-shadow:4px 4px 4px 4px rgb(60, 225, 1)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 79, 105.916, 133.871 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 225, 1) }
```

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

```
.background{ background-color: rgb(60, 225,  
1) }
```

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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