

Converting Colors

CIELCh(79, 106.653, 134.571)

Have a look what the booklet for
CIELCh(79, 106.653, 134.571)
contains.

CIELCh(79, 106.775, 134.571)	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, 106.775, 134.571)

Conversions

Conversions Part 1

Format	Color
Hex	32E203
RGB	50, 226, 3
RGB Percent	20%, 89%, 1%
CMY	0.8021, 0.1149, 0.9879
CMYK	0.78, 0.00, 0.99, 0.11
HSL	107°, 97%, 45%
HSV	107°, 99%, 89%
XYZ	28.4713, 54.9284, 9.1895
YIQ	147.9540, -33.3130, -106.6650

Conversions

Conversions Part 2

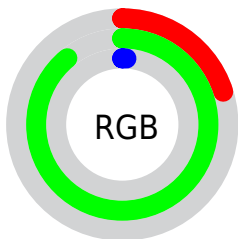
Format	Color
RYB	3, 226, 179
Decimal	3334659
CIELab	79.00, -74.93, 76.06
CIELCh	79, 106.775, 134.571
Yxy	54.9284, 0.3075, 0.5932
Android (android.graphics.Color)	4281524739 (0xFF32E203)
YUV	147.9540, -71.4623, -85.9057
Hunter-Lab	74.1137, -61.1269, 44.5281

Details

The CIELCh color **79, 106.775, 134.571** 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 **46, 107.289, 320.231**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **90, 92.880, 133.985**, and **60, 88.014, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **79, 107.195, 134.621**, and if you desaturate by 10%, it is **79, 102.924, 134.168**.

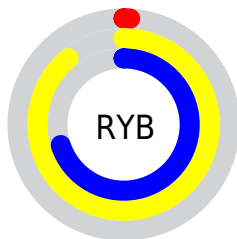
Distribution



Red (20%)

Green (89%)

Blue (1%)



Red (1%)

Yellow (89%)

Blue (70%)

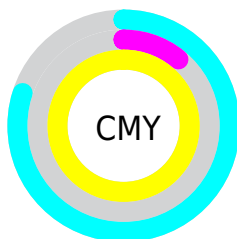


Cyan (78%)

Magenta (0%)

Yellow (99%)

Black (11%)



Cyan (80%)


Magenta (11%)


Yellow (99%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 106.775, 134.571 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, 106.775, 134.571 by changing the saturation by 10% instead.


 79, 106.775,
134.571


 79, 106.775,
134.571


 100, 106.775,
134.571


 69, 106.775,
134.571


 99, 106.775,
134.571

 59, 106.775,
134.571

 49, 106.775,
134.571

 39, 106.775,
134.571

 29, 106.775,
134.571

 19, 106.775,
134.571

 9, 106.775,

134.571

■ 0, 106.775,
134.571

■ 79, 106.775,
134.571

■ 79, 106.775,
134.571

■ 79, 107.195,
134.621

■ 79, 102.924,
134.168

■ 80, 96.477,
134.137

■ 81, 87.610,
134.458

■ 81, 76.885,
135.000

■ 82, 64.871,
135.645

■ 84, 52.031,
136.309

■ 85, 38.715,
136.944

■ 86, 25.181,
137.526

■ 88, 11.617,
138.052

Harmonies

Complementary

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



79, 106.775, 134.571



46, 107.289, 320.231

Rectangle

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



79, 106.775, 134.571



79, 106.775, 184.571



79, 106.775, 314.571



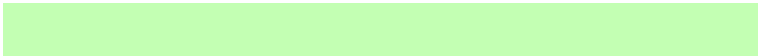
79, 106.775, 4.571

Sweetspot

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



79, 106.774, 134.572



94, 44.774, 136.847



75, 77.040, 86.391



50, 30.504, 136.580



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, 106.774, 134.572



88, 117.650, 134.685



79, 97.705, 140.624



46, 7.610, 138.011



63, 88.806, 134.460



17, 33.439, 135.618

Inverse Universe

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



46, 107.289, 320.231



51, 118.070, 320.111



50, 84.849, 343.690



44, 7.655, 318.822



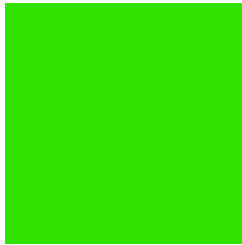
35, 89.317, 320.283



6, 35.343, 320.932

Previews

White Background



This preview shows how the CIE LCh color 79, 106.775, 134.571 looks on a white background.

Color Contrast Check

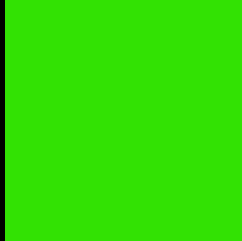
Large Text (above 18pt) WCAG AA × Fail

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, 106.775, 134.571 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

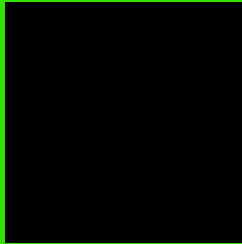
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 79, 106.775, 134.571

Background



This preview shows how black text looks on a background with the CIELCh color 79, 106.775, 134.571.



This preview shows how white text looks on a background with the CIELCh color 79, 106.775, 134.571.

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, 106.929, 134.600

Protanopia

78, 79.733, 94.821

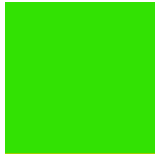
Deuteranopia

78, 71.960, 81.878



Tritanopia
79, 31.212, 214.518

Trichromacy



Original Color

79, 106.929, 134.600



Protanomaly

77, 85.324, 116.596



Deuteranomaly

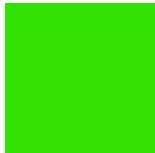
76, 76.828, 111.313



Tritanomaly

78, 57.108, 155.054

Monochromacy



Original Color

79, 106.929, 134.600



Achromatopsia

61, 0.008, 296.813



Achromatomaly

66, 50.205, 135.618

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 106.775, 134.571 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(50, 226, 3)` looks like.

```
.text, #text, p{  
    color:rgb(50, 226, 3)  
}
```

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(50, 226, 3) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(50, 226, 3) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 106.775, 134.571 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(50, 226, 3) }
```

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

```
.border{ border-color:rgb(50, 226, 3) }
```

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

Here you see how a box with a 4 pixel rgb(50, 226, 3) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(50, 226, 3); -webkit-box-  
shadow:4px 4px 4px 4px rgb(50, 226, 3);  
box-shadow:4px 4px 4px 4px rgb(50, 226, 3)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 79, 106.775, 134.571 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(50, 226, 3) }
```

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

```
.background{ background-color: rgb(50, 226,  
3) }
```

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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