

Converting Colors

CIELCh(79, 107.534, 136.474)

Have a look what the booklet for
CIELCh(79, 107.534, 136.474)
contains.

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Color

CIELCh(79, 107.598, 136.487)

Conversions

Conversions Part 1

Format	Color
Hex	0DE314
RGB	13, 227, 20
RGB Percent	5%, 89%, 8%
CMY	0.9505, 0.1108, 0.9197
CMYK	0.94, 0.00, 0.91, 0.11
HSL	122°, 89%, 47%
HSV	122°, 94%, 89%
XYZ	27.6876, 54.9284, 9.8263
YIQ	139.4160, -61.0970, -109.7450

Conversions

Conversions Part 2

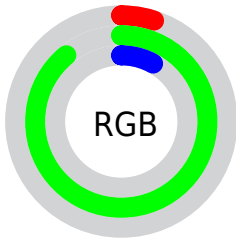
Format	Color
R_{YB}	13, 220, 227
Decimal	910100
CIE _{Lab}	79.00, -78.03, 74.08
CIE _{LCh}	79, 107.598, 136.487
Yxy	54.9284, 0.2995, 0.5942
Android (android.graphics.Color)	4279100180 (0xFF0DE314)
YUV	139.4160, -58.8721, -110.8668
Hunter-Lab	74.1137, -63.0144, 44.0187

Details

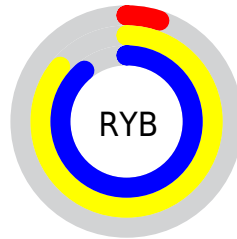
The CIELCh color **79, 107.598, 136.487** is a dark color, and the websafe version is hex **00CC00**. The color can be described as dark washed green. A complement of this color would be **54, 101.876, 329.657**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **90, 93.162, 136.341**, and **61, 88.399, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **79, 108.989, 136.246**, and if you desaturate by 10%, it is **79, 103.071, 137.272**.

Distribution



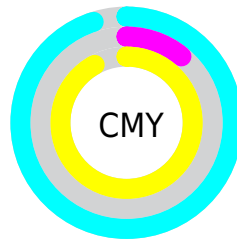
- Red (5%)
- Green (89%)
- Blue (8%)



- Red (5%)
- Yellow (86%)
- Blue (89%)



- Cyan (94%)
- Magenta (0%)
- Yellow (91%)
- Black (11%)





- Cyan (95%)
- Magenta (11%)
- Yellow (92%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 107.598, 136.487 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, 107.598, 136.487 by changing the saturation by 10% instead.


 79, 107.598,
136.487


 79, 107.598,
136.487


 100, 107.598,
136.487

 69, 107.598,
136.487


 99, 107.598,
136.487

 59, 107.598,
136.487

 49, 107.598,
136.487

 39, 107.598,
136.487

 29, 107.598,
136.487

 19, 107.598,
136.487

 9, 107.598,

136.487

■ 0, 107.598,
136.487

■ 79, 107.598,
136.487

■ 79, 107.598,
136.487

■ 79, 108.989,
136.246

■ 79, 103.071,
137.272

■ 80, 95.830,
138.336

■ 80, 86.262,
139.537

■ 81, 74.885,
140.746

■ 82, 62.205,
141.880

■ 84, 48.665,
142.896

■ 85, 34.635,
143.784

■ 87, 20.412,
144.549

■ 89, 6.224, 145.228

Harmonies

Complementary

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



79, 107.598, 136.487



54, 101.876, 329.657

Rectangle

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



79, 107.598, 136.487



79, 107.598, 186.487



79, 107.598, 316.487



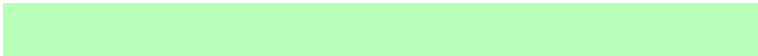
79, 107.598, 6.487

Sweetspot

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



79, 107.597, 136.488



94, 43.640, 143.466



87, 87.719, 104.927



49, 30.082, 143.076



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, 107.597, 136.488



88, 119.200, 136.215



80, 76.645, 151.816



46, 7.940, 144.892



63, 89.985, 136.331



16, 34.611, 140.087

Inverse Universe

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



54, 101.876, 329.657



60, 112.230, 329.776



49, 76.465, 3.390



44, 7.953, 325.940



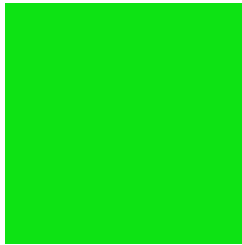
41, 85.021, 329.739



8, 35.058, 329.478

Previews

White Background



This preview shows how the CIE LCh color 79, 107.598, 136.487 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, 107.598, 136.487 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

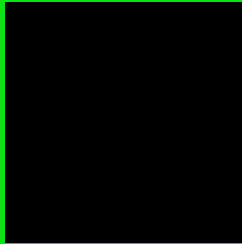
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 79, 107.598, 136.487

Background



This preview shows how black text looks on a background with the CIELCh color 79, 107.598, 136.487.



This preview shows how white text looks on a background with the CIELCh color 79, 107.598, 136.487.

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, 107.741, 136.459

Protanopia

78, 79.733, 94.821

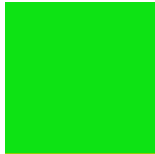
Deuteranopia

78, 70.818, 82.012



Tritanopia
79, 33.294, 213.285

Trichromacy



Original Color

79, 107.741, 136.459



Protanomaly

76, 86.467, 120.206



Deuteranomaly

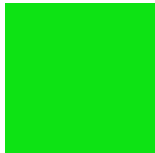
75, 76.370, 116.582



Tritanomaly

78, 57.925, 159.492

Monochromacy



Original Color

79, 107.741, 136.459



Achromatopsia

58, 0.007, 296.813



Achromatomaly

64, 50.682, 141.892

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 107.598, 136.487 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(13, 227, 20)` looks like.

```
.text, #text, p{  
    color:rgb(13, 227, 20)  
}
```

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(13, 227, 20) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(13, 227, 20) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 107.598, 136.487 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(13, 227, 20) }
```

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

```
.border{ border-color:rgb(13, 227, 20) }
```

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

Here you see how a box with a 4 pixel rgb(13, 227, 20) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(13, 227, 20); -webkit-box-  
shadow:4px 4px 4px 4px rgb(13, 227, 20);  
box-shadow:4px 4px 4px 4px rgb(13, 227,  
20) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 107.598, 136.487 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(13, 227, 20) }
```

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

```
.background{ background-color: rgb(13, 227,  
20) }
```

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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