

Converting Colors

CIELCh(79, 105.179, 137.349)

Have a look what the booklet for
CIELCh(79, 105.179, 137.349)
contains.

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Color

CIELCh(79, 105.287, 137.354)

Conversions

Conversions Part 1

Format	Color
Hex	0DE323
RGB	13, 227, 35
RGB Percent	5%, 89%, 14%
CMY	0.9491, 0.1114, 0.8610
CMYK	0.94, 0.00, 0.84, 0.11
HSL	126°, 89%, 47%
HSV	126°, 94%, 89%
XYZ	27.8352, 54.9284, 10.7596
YIQ	141.1260, -65.9120, -105.0800

Conversions

Conversions Part 2

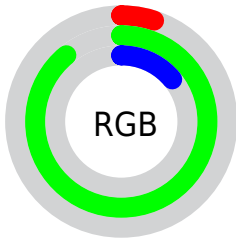
Format	Color
RYB	13, 207, 227
Decimal	910115
CIELab	79.00, -77.44, 71.33
CIELCh	79, 105.287, 137.354
Yxy	54.9284, 0.2976, 0.5873
Android (android.graphics.Color)	4279100195 (0xFF0DE323)
YUV	141.1260, -52.3201, -112.3665
Hunter-Lab	74.1137, -62.6590, 43.2720

Details

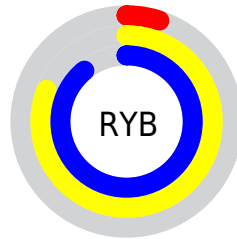
The CIELCh color **79, 105.287, 137.354** is a dark color, and the websafe version is hex **00CC00**. The color can be described as dark washed green. A complement of this color would be **53, 96.631, 332.693**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **90, 90.913, 137.445**, and **61, 88.399, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **79, 107.404, 136.832**, and if you desaturate by 10%, it is **79, 99.810, 138.557**.

Distribution



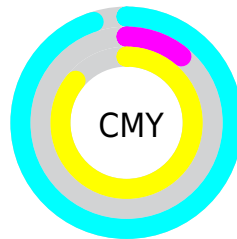
- Red (5%)
- Green (89%)
- Blue (14%)



- Red (5%)
- Yellow (81%)
- Blue (89%)



- Cyan (94%)
- Magenta (0%)
- Yellow (84%)
- Black (11%)





- Cyan (95%)
- Magenta (11%)
- Yellow (86%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 105.287, 137.354 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, 105.287, 137.354 by changing the saturation by 10% instead.


 79, 105.287,
137.354


 79, 105.287,
137.354


 100, 105.287,
137.354


 69, 105.287,
137.354


 99, 105.287,
137.354

 59, 105.287,
137.354

 49, 105.287,
137.354

 39, 105.287,
137.354

 29, 105.287,
137.354

 19, 105.287,
137.354

 9, 105.287,

137.354

■ 0, 105.287,
137.354

■ 79, 105.287,
137.354

■ 79, 105.287,
137.354

■ 79, 107.404,
136.832

■ 79, 99.810,
138.557

■ 80, 92.090,
139.914

■ 80, 82.473,
141.295

■ 81, 71.357,
142.606

■ 82, 59.137,
143.794

■ 84, 46.175,
144.841

■ 85, 32.786,
145.749

■ 87, 19.230,
146.531

■ 89, 5.712, 147.231

Harmonies

Complementary

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



79, 105.287, 137.354



53, 96.631, 332.693

Rectangle

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



79, 105.287, 137.354



79, 105.287, 187.354



79, 105.287, 317.354



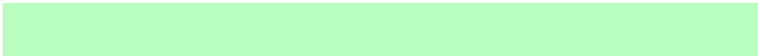
79, 105.287, 7.354

Sweetspot

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



79, 105.287, 137.355



94, 41.611, 145.409



86, 88.146, 108.842



49, 28.688, 145.009



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, 105.287, 137.355



88, 117.616, 136.766



80, 71.115, 155.747



46, 7.571, 146.872



63, 88.513, 137.012



16, 33.421, 141.290

Inverse Universe

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



53, 96.631, 332.693



59, 106.245, 333.021



49, 76.349, 9.545



44, 7.586, 327.952



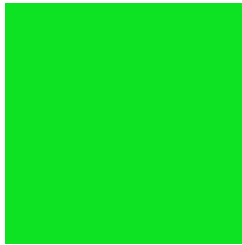
41, 80.587, 332.898



7, 33.470, 332.050

Previews

White Background



This preview shows how the CIE LCh color 79, 105.287, 137.354 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, 105.287, 137.354 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, 105.287, 137.354

Background



This preview shows how black text looks on a background with the CIELCh color 79, 105.287, 137.354.



This preview shows how white text looks on a background with the CIELCh color 79, 105.287, 137.354.

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, 105.523, 137.317

Protanopia

78, 76.371, 95.116

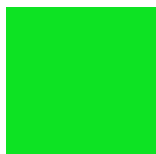
Deuteranopia

78, 68.450, 81.516

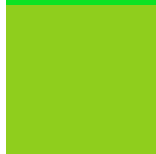


Tritanopia
79, 33.294, 213.285

Trichromacy



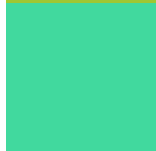
Original Color
79, 105.523, 137.317



Protanomaly
76, 83.669, 121.267

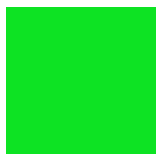


Deuteranomaly
75, 73.340, 117.010



Tritanomaly
78, 56.084, 161.493

Monochromacy



Original Color
79, 105.523, 137.317



Achromatopsia
59, 0.008, 296.813



Achromatomaly
64, 48.051, 144.063

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 105.287, 137.354 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, 35)` looks like.

```
.text, #text, p{  
    color:rgb(13, 227, 35)  
}
```

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, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(13, 227, 35) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 105.287, 137.354 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, 35) }
```

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

```
.border{ border-color:rgb(13, 227, 35) }
```

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, 35)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(13, 227, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(13, 227, 35);  
box-shadow:4px 4px 4px 4px rgb(13, 227,  
35) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 105.287, 137.354 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, 35) }
```

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

```
.background{ background-color: rgb(13, 227,  
35) }
```

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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