

Converting Colors

CIELCh(76, 97.175, 139.541)

Have a look what the booklet for
CIELCh(76, 97.175, 139.541)
contains.

CIELCh(76, 97.170, 139.561)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(76, 97.170, 139.561)

Conversions

Conversions Part 1

Format	Color
Hex	04D937
RGB	4, 217, 55
RGB Percent	2%, 85%, 22%
CMY	0.9859, 0.1493, 0.7846
CMYK	0.98, 0.00, 0.75, 0.15
HSL	134°, 97%, 43%
HSV	134°, 98%, 85%
XYZ	25.5273, 49.8872, 11.8889
YIQ	134.8450, -74.9460, -95.5380

Conversions

Conversions Part 2

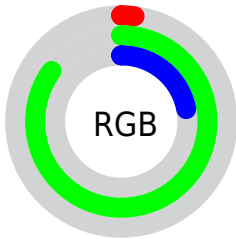
Format	Color
RYB	4, 176, 217
Decimal	317751
CIELab	76.00, -73.96, 63.03
CIELCh	76, 97.170, 139.561
Yxy	49.8872, 0.2924, 0.5714
Android (android.graphics.Color)	4278507831 (0xFF04D937)
YUV	134.8450, -39.3636, -114.7511
Hunter-Lab	70.6309, -59.0909, 39.4617

Details

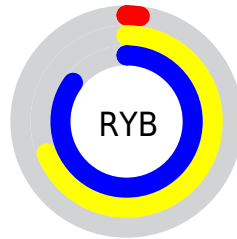
The CIELCh color **76, 97.170, 139.561** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **49, 84.817, 340.667**, and the grayscale version is **56, 0.007, 296.813**.

A 20% lighter version of the original color is **90, 87.001, 140.082**, and **57, 84.535, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **76, 97.980, 139.303**, and if you desaturate by 10%, it is **76, 91.599, 141.313**.

Distribution



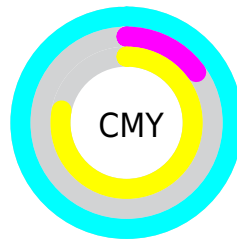
- Red (2%)
- Green (85%)
- Blue (22%)



- Red (2%)
- Yellow (69%)
- Blue (85%)



- Cyan (98%)
- Magenta (0%)
- Yellow (75%)
- Black (15%)





- Cyan (99%)
- Magenta (15%)
- Yellow (78%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 97.170, 139.561 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 76, 97.170, 139.561 by changing the saturation by 10% instead.


 76, 97.170,
139.561


 76, 97.170,
139.561


 100, 97.170,
139.561


 66, 97.170,
139.561


 96, 97.170,
139.561

 56, 97.170,
139.561

 46, 97.170,
139.561

 36, 97.170,
139.561

 26, 97.170,
139.561

 16, 97.170,
139.561

 6, 97.170, 139.561

■ 0, 97.170, 139.561

■ 76, 97.170,
139.561

■ 76, 97.170,
139.561

■ 76, 97.980,
139.303

■ 76, 91.599,
141.313

■ 77, 84.574,
143.082

■ 77, 76.198,
144.752

■ 78, 66.663,
146.270

■ 79, 56.200,
147.615

■ 80, 45.056,
148.790

■ 82, 33.470,
149.808

■ 83, 21.661,
150.691

■ 85, 9.807, 151.469

Harmonies

Complementary

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



76, 97.170, 139.561



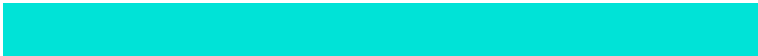
49, 84.817, 340.667

Rectangle

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



76, 97.170, 139.561



76, 97.170, 189.561



76, 97.170, 319.561



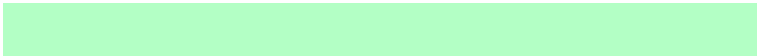
76, 97.170, 9.561

Sweetspot

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



76, 97.170, 139.562



94, 40.375, 149.623



81, 88.420, 116.494



49, 27.493, 149.195



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



76, 97.170, 139.562



88, 111.139, 139.136



77, 59.708, 164.710



45, 6.739, 151.387



62, 82.350, 139.588



15, 29.760, 144.635

Inverse Universe

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



49, 84.817, 340.667



57, 95.762, 341.050



46, 78.535, 23.838



43, 6.765, 332.568



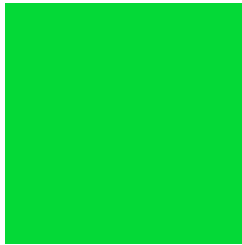
39, 72.015, 340.660



6, 29.179, 338.049

Previews

White Background



This preview shows how the CIELCh color 76, 97.170, 139.561 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 76, 97.170, 139.561 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

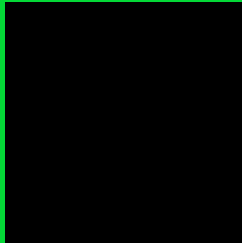
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 76, 97.170, 139.561

Background



This preview shows how black text looks on a background with the CIELCh color 76, 97.170, 139.561.

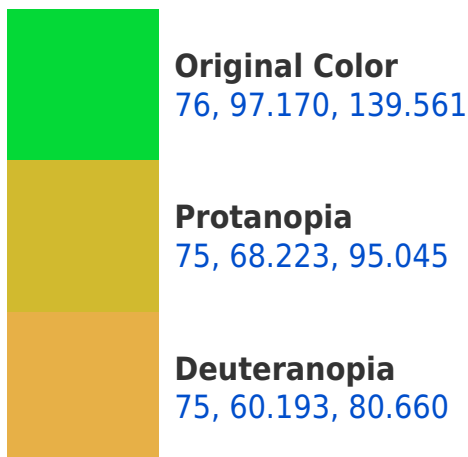


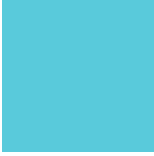
This preview shows how white text looks on a background with the CIELCh color 76, 97.170, 139.561.

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





Tritanopia
76, 32.538, 213.797

Trichromacy



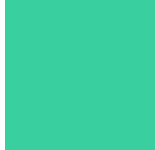
Original Color
76, 97.170, 139.561



Protanomaly
73, 75.573, 123.735

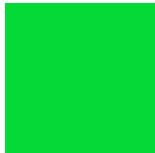


Deuteranomaly
72, 65.594, 120.224



Tritanomaly
75, 51.561, 165.600

Monochromacy



Original Color
76, 97.170, 139.561



Achromatopsia
56, 0.007, 296.813



Achromatomaly
62, 44.002, 147.961

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 97.170, 139.561 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(4, 217, 55)` looks like.

```
.text, #text, p{  
    color:rgb(4, 217, 55)  
}
```

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(4, 217, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(4, 217, 55) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 97.170, 139.561 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(4, 217, 55) }
```

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

```
.border{ border-color:rgb(4, 217, 55) }
```

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

Here you see how a box with a 4 pixel `rgb(4, 217, 55)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(4, 217, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(4, 217, 55);  
box-shadow:4px 4px 4px 4px rgb(4, 217, 55)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 76, 97.170, 139.561 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(4, 217, 55) }
```

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

```
.background{ background-color: rgb(4, 217,  
55) }
```

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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