

Converting Colors

CIELCh(74, 98.688, 137.932)

Have a look what the booklet for
CIELCh(74, 98.688, 137.932)
contains.

CIELCh(74, 98.775, 137.922)	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(74, 98.775, 137.922)

Conversions

Conversions Part 1

Format	Color
Hex	05D326
RGB	5, 211, 38
RGB Percent	2%, 83%, 15%
CMY	0.9790, 0.1730, 0.8515
CMYK	0.97, 0.00, 0.82, 0.17
HSL	129°, 95%, 42%
HSV	129°, 97%, 83%
XYZ	23.6796, 46.7039, 9.5882
YIQ	129.6840, -67.2430, -97.4750

Conversions

Conversions Part 2

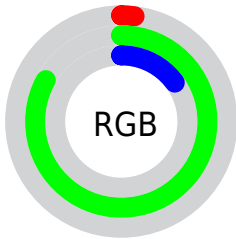
Format	Color
RYB	5, 183, 211
Decimal	381734
CIELab	74.00, -73.31, 66.19
CIELCh	74, 98.775, 137.922
Yxy	46.7039, 0.2961, 0.5840
Android (android.graphics.Color)	4278571814 (0xFF05D326)
YUV	129.6840, -45.2002, -109.3479
Hunter-Lab	68.3403, -57.7460, 39.5198

Details

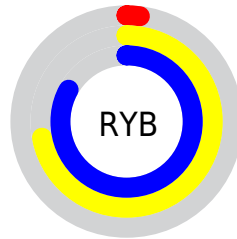
The CIELCh color **74, 98.775, 137.922** is a dark color, and the websafe version is hex **00CC00**. The color can be described as dark washed green. A complement of this color would be **48, 88.194, 335.591**, and the grayscale version is **54, 0.007, 296.813**.

A 20% lighter version of the original color is **90, 91.783, 138.152**, and **56, 82.586, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **74, 99.806, 137.634**, and if you desaturate by 10%, it is **74, 93.671, 139.331**.

Distribution



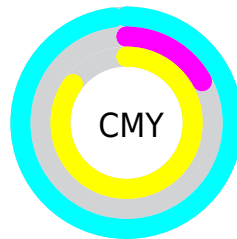
- Red (2%)
- Green (83%)
- Blue (15%)



- Red (2%)
- Yellow (72%)
- Blue (83%)



- Cyan (97%)
- Magenta (0%)
- Yellow (82%)
- Black (17%)




- Cyan (98%)
- Magenta (17%)
- Yellow (85%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 98.775, 137.922 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 74, 98.775, 137.922 by changing the saturation by 10% instead.


 74, 98.775,
137.922

 74, 98.775,
137.922


 100, 98.775,
137.922

 64, 98.775,
137.922


 94, 98.775,
137.922

 54, 98.775,
137.922

 44, 98.775,
137.922

 34, 98.775,
137.922

 24, 98.775,
137.922

 14, 98.775,
137.922

 4, 98.775, 137.922

■ 0, 98.775, 137.922

■ 74, 98.775,
137.922

■ 74, 98.775,
137.922

■ 74, 99.806,
137.634

■ 74, 93.671,
139.331

■ 75, 86.732,
140.855

■ 75, 78.176,
142.361

■ 76, 68.292,
143.768

■ 77, 57.389,
145.035

■ 78, 45.763,
146.149

■ 80, 33.690,
147.115

■ 81, 21.405,
147.949

■ 83, 9.101, 148.680

Harmonies

Complementary

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



74, 98.775, 137.922



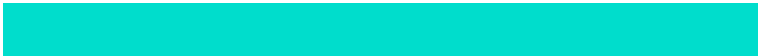
48, 88.194, 335.591

Rectangle

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



74, 98.775, 137.922



74, 98.775, 187.922



74, 98.775, 317.922



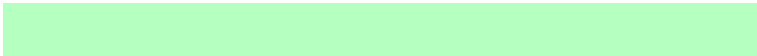
74, 98.775, 7.922

Sweetspot

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



74, 98.775, 137.923



94, 41.484, 146.947



80, 84.738, 111.836



49, 28.420, 146.537



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



74, 98.775, 137.923



88, 115.596, 137.484



75, 64.512, 158.443



43, 6.879, 148.544



60, 83.919, 137.861



13, 28.177, 144.770

Inverse Universe

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



48, 88.194, 335.591



58, 101.889, 335.894



45, 73.782, 15.698



41, 6.897, 329.648



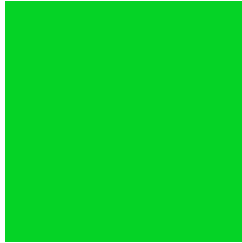
38, 74.881, 335.657



5, 27.540, 333.744

Previews

White Background



This preview shows how the CIELCh color 74, 98.775, 137.922 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 74, 98.775, 137.922 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

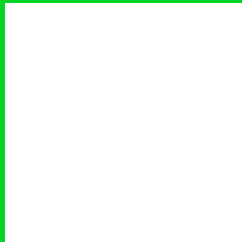
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 98.775, 137.922

Background



This preview shows how black text looks on a background with the CIELCh color 74, 98.775, 137.922.

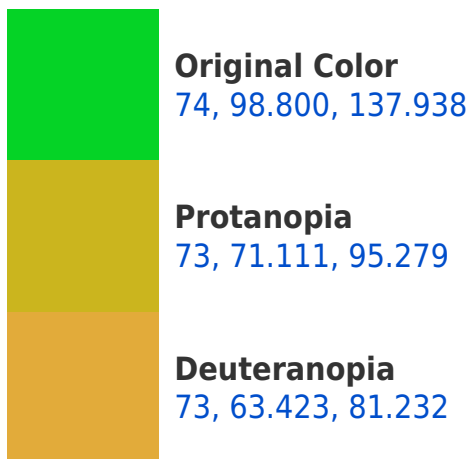


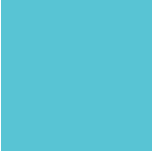
This preview shows how white text looks on a background with the CIELCh color 74, 98.775, 137.922.

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
74, 31.462, 213.451

Trichromacy



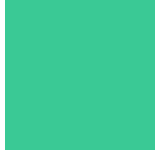
Original Color
74, 98.800, 137.938



Protanomaly
71, 78.235, 122.226



Deuteranomaly
71, 68.417, 118.250



Tritanomaly
73, 52.086, 162.932

Monochromacy



Original Color
74, 98.800, 137.938



Achromatopsia
54, 0.007, 296.813



Achromatomaly
60, 45.126, 144.958

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 98.775, 137.922 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(5, 211, 38)` looks like.

```
.text, #text, p{  
    color:rgb(5, 211, 38)  
}
```

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(5, 211, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(5, 211, 38) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 98.775, 137.922 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(5, 211, 38) }
```

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

```
.border{ border-color:rgb(5, 211, 38) }
```

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

Here you see how a box with a 4 pixel `rgb(5, 211, 38)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(5, 211, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(5, 211, 38);  
box-shadow:4px 4px 4px 4px rgb(5, 211, 38)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 74, 98.775, 137.922 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(5, 211, 38) }
```

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

```
.background{ background-color: rgb(5, 211,  
38) }
```

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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