

Converting Colors

CIELCh(74, 98.428, 138.364)

Have a look what the booklet for
CIELCh(74, 98.428, 138.364)
contains.

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Color

CIELCh(74, 98.270, 138.300)

Conversions

Conversions Part 1

Format	Color
Hex	00D329
RGB	0, 211, 41
RGB Percent	0%, 83%, 16%
CMY	1.0000, 0.1729, 0.8396
CMYK	1.00, 0.00, 0.81, 0.17
HSL	132°, 100%, 41%
HSV	132°, 100%, 83%
XYZ	23.6665, 46.7039, 9.8560
YIQ	128.5310, -71.1860, -97.6020

Conversions

Conversions Part 2

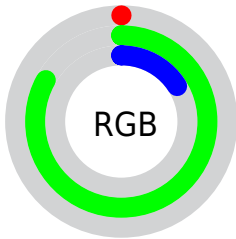
Format	Color
RYB	0, 177, 211
Decimal	54057
CIELab	74.00, -73.37, 65.37
CIELCh	74, 98.270, 138.300
Yxy	46.7039, 0.2950, 0.5822
Android (android.graphics.Color)	4278244137 (0xFF00D329)
YUV	128.5310, -43.1528, -112.7217
Hunter-Lab	68.3403, -57.7802, 39.2874

Details

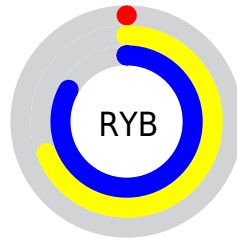
The CIELCh color **74, 98.270, 138.300** is a dark color, and the websafe version is hex **00CC00**. The color can be described as dark washed green. A complement of this color would be **48, 86.040, 337.893**, and the grayscale version is **54, 0.007, 296.813**.

A 20% lighter version of the original color is **90, 91.228, 138.562**, and **56, 82.586, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **74, 98.259, 138.293**, and if you desaturate by 10%, it is **74, 93.277, 139.797**.

Distribution



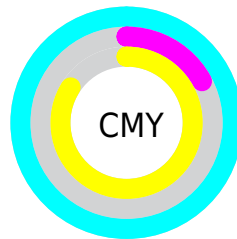
- Red (0%)
- Green (83%)
- Blue (16%)



- Red (0%)
- Yellow (69%)
- Blue (83%)



- Cyan (100%)
- Magenta (0%)
- Yellow (81%)
- Black (17%)





- Cyan (100%)
- Magenta (17%)
- Yellow (84%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 98.270, 138.300 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, 98.270, 138.300 by changing the saturation by 10% instead.

 74, 98.270,
138.300

 74, 98.270,
138.300


 100, 98.270,
138.300


 64, 98.270,
138.300


 94, 98.270,
138.300

 54, 98.270,
138.300

 44, 98.270,
138.300

 34, 98.270,
138.300

 24, 98.270,
138.300

 14, 98.270,
138.300

 4, 98.270, 138.300

■ 0, 98.270, 138.300

■ 74, 98.270,
138.300

■ 74, 98.270,
138.300

■ 74, 98.259,
138.293

■ 74, 93.277,
139.797

■ 75, 86.672,
141.434

■ 75, 78.546,
143.034

■ 76, 69.134,
144.520

■ 77, 58.698,
145.855

■ 78, 47.512,
147.028

■ 79, 35.836,
148.047

■ 81, 23.902,
148.927

■ 83, 11.904,
149.694

Harmonies

Complementary

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



74, 98.270, 138.300



48, 86.040, 337.893

Rectangle

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



74, 98.270, 138.300



74, 98.270, 188.300



74, 98.270, 318.300



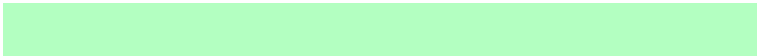
74, 98.270, 8.300

Sweetspot

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



74, 98.259, 138.293



94, 41.798, 148.016



79, 85.890, 113.873



49, 28.466, 147.598



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, 98.259, 138.293



88, 113.850, 138.120



75, 62.727, 160.345



43, 6.704, 149.738



60, 82.547, 138.553



13, 27.653, 145.441

Inverse Universe

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



48, 86.040, 337.893



58, 99.124, 338.022



45, 75.616, 20.145



41, 6.725, 330.870



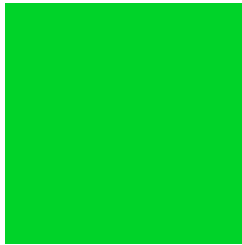
38, 72.895, 337.710



5, 26.783, 335.369

Previews

White Background



This preview shows how the CIELCh color 74, 98.270, 138.300 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, 98.270, 138.300 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

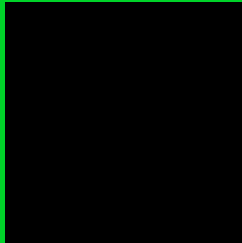
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 74, 98.270, 138.300

Background



This preview shows how black text looks on a background with the CIELCh color 74, 98.270, 138.300.



This preview shows how white text looks on a background with the CIELCh color 74, 98.270, 138.300.

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

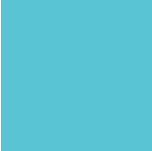
74, 98.270, 138.300

Protanopia

73, 70.387, 95.270

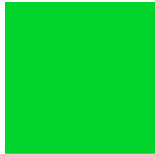
Deuteranopia

73, 62.673, 81.045



Tritanopia
74, 31.462, 213.451

Trichromacy



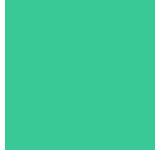
Original Color
74, 98.270, 138.300



Protanomaly
71, 77.805, 122.967



Deuteranomaly
70, 67.972, 119.101



Tritanomaly
73, 51.978, 163.548

Monochromacy



Original Color
74, 98.270, 138.300



Achromatopsia
54, 0.007, 296.813



Achromatomaly
59, 45.337, 146.162

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 98.270, 138.300 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(0, 211, 41)` looks like.

```
.text, #text, p{  
    color:rgb(0, 211, 41)  
}
```

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(0, 211, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 211, 41) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 98.270, 138.300 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(0, 211, 41) }
```

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

```
.border{ border-color:rgb(0, 211, 41) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 211, 41)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 211, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 211, 41);  
box-shadow:4px 4px 4px 4px rgb(0, 211, 41)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 74, 98.270, 138.300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 211, 41) }
```

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

```
.background{ background-color: rgb(0, 211,  
41) }
```

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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