

Converting Colors

CIE LCh(74, 92.201, 140.953)

Have a look what the booklet for
CIELCh(74, 92.201, 140.953)
contains.

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Color

CIELCh(74, 92.418, 140.916)

Conversions

Conversions Part 1

Format	Color
Hex	00D33F
RGB	0, 211, 63
RGB Percent	0%, 83%, 25%
CMY	1.0000, 0.1743, 0.7547
CMYK	1.00, 0.00, 0.70, 0.17
HSL	138°, 100%, 41%
HSV	138°, 100%, 83%
XYZ	24.0375, 46.7039, 12.3860
YIQ	131.0390, -78.2480, -90.7600

Conversions

Conversions Part 2

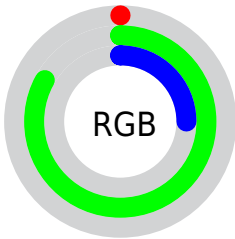
Format	Color
RYB	0, 162, 211
Decimal	54079
CIELab	74.00, -71.74, 58.27
CIELCh	74, 92.418, 140.916
Yxy	46.7039, 0.2892, 0.5618
Android (android.graphics.Color)	4278244159 (0xFF00D33F)
YUV	131.0390, -33.5432, -114.9212
Hunter-Lab	68.3403, -56.8112, 37.0925

Details

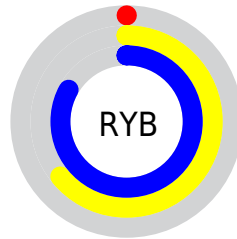
The CIELCh color **74, 92.418, 140.916** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **47, 79.907, 344.864**, and the grayscale version is **55, 0.007, 296.813**.

A 20% lighter version of the original color is **90, 85.230, 141.468**, and **56, 82.586, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **74, 92.357, 140.875**, and if you desaturate by 10%, it is **74, 86.946, 142.778**.

Distribution



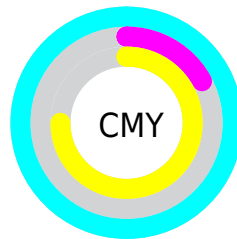
- Red (0%)
- Green (83%)
- Blue (25%)



- Red (0%)
- Yellow (64%)
- Blue (83%)



- Cyan (100%)
- Magenta (0%)
- Yellow (70%)
- Black (17%)





- Cyan (100%)
- Magenta (17%)
- Yellow (75%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 92.418, 140.916 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, 92.418, 140.916 by changing the saturation by 10% instead.


 74, 92.418,
140.916


 74, 92.418,
140.916


 100, 92.418,
140.916


 64, 92.418,
140.916


 94, 92.418,
140.916

 54, 92.418,
140.916

 44, 92.418,
140.916

 34, 92.418,
140.916

 24, 92.418,
140.916

 14, 92.418,
140.916

 4, 92.418, 140.916

■ 0, 92.418, 140.916

■ 74, 92.418,
140.916

■ 74, 92.418,
140.916

■ 74, 92.357,
140.875

■ 74, 86.946,
142.778

■ 75, 80.378,
144.681

■ 75, 72.637,
146.449

■ 76, 63.850,
148.043

■ 77, 54.195,
149.451

■ 78, 43.881,
150.680

■ 79, 33.119,
151.749

■ 81, 22.109,
152.679

■ 82, 11.021,
153.499

Harmonies

Complementary

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



74, 92.418, 140.916



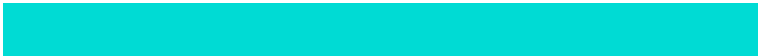
47, 79.907, 344.864

Rectangle

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



74, 92.418, 140.916



74, 92.418, 190.916



74, 92.418, 320.916



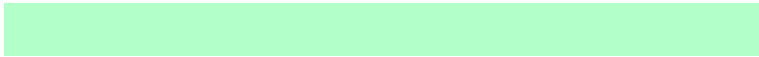
74, 92.418, 10.916

Sweetspot

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



74, 92.357, 140.875



94, 38.683, 151.716



78, 88.088, 119.185



49, 26.336, 151.276



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, 92.357, 140.875



88, 107.277, 140.647



76, 55.100, 169.008



43, 6.216, 153.546



60, 77.580, 141.205



13, 26.118, 147.596

Inverse Universe

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



47, 79.907, 344.864



57, 92.132, 345.108



44, 79.919, 28.705



41, 6.248, 334.777



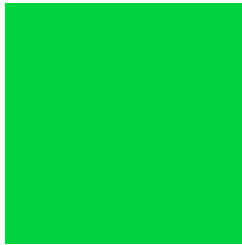
37, 67.834, 344.525



5, 24.754, 340.766

Previews

White Background



This preview shows how the CIELCh color 74, 92.418, 140.916 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, 92.418, 140.916 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

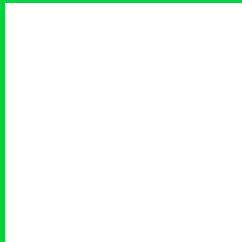
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 92.418, 140.916

Background



This preview shows how black text looks on a background with the CIELCh color 74, 92.418, 140.916.



This preview shows how white text looks on a background with the CIELCh color 74, 92.418, 140.916.

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, 92.418, 140.916

Protanopia

73, 63.481, 95.515

Deuteranopia

73, 55.961, 80.538



Tritanopia
74, 32.023, 213.115

Trichromacy



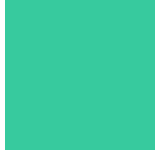
Original Color
74, 92.418, 140.916



Protanomaly
71, 71.256, 125.242



Deuteranomaly
70, 61.319, 121.639



Tritanomaly
73, 49.784, 167.145

Monochromacy



Original Color
74, 92.418, 140.916



Achromatopsia
55, 0.007, 296.813



Achromatomaly
60, 41.828, 149.872

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 92.418, 140.916 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, 63)` looks like.

```
.text, #text, p{  
    color:rgb(0, 211, 63)  
}
```

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, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 211, 63) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 92.418, 140.916 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, 63) }
```

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

```
.border{ border-color:rgb(0, 211, 63) }
```

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, 63)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 211, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 211, 63);  
box-shadow:4px 4px 4px 4px rgb(0, 211, 63)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 74, 92.418, 140.916 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, 63) }
```

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

```
.background{ background-color: rgb(0, 211,  
63) }
```

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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