

Converting Colors

CIELCh(74, 97.518, 131.586)

Have a look what the booklet for
CIELCh(74, 97.518, 131.586)
contains.

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Color

CIELCh(74, 97.257, 131.697)

Conversions

Conversions Part 1

Format	Color
Hex	4ED000
RGB	78, 208, 0
RGB Percent	31%, 82%, 0%
CMY	0.6944, 0.1845, 1.0000
CMYK	0.63, 0.00, 1.00, 0.18
HSL	98°, 100%, 41%
HSV	98°, 100%, 82%
XYZ	25.6797, 46.7039, 7.6572
YIQ	145.4180, -10.7120, -92.2480

Conversions

Conversions Part 2

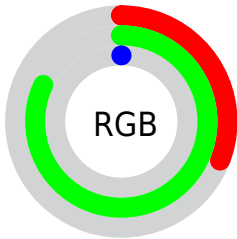
Format	Color
RYB	0, 208, 130
Decimal	5165056
CIELab	74.00, -64.69, 72.62
CIElCh	74, 97.257, 131.697
Yxy	46.7039, 0.3208, 0.5835
Android (android.graphics.Color)	4283355136 (0xFF4ED000)
YUV	145.4180, -71.6911, -59.1256
Hunter-Lab	68.3403, -52.5220, 41.1950

Details

The CIELCh color **74, 97.257, 131.697** is a dark color, and the websafe version is hex **33CC00**. The color can be described as dark washed green. A complement of this color would be **37, 104.255, 315.029**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **91, 91.877, 131.240**, and **55, 81.411, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **74, 97.246, 131.702**, and if you desaturate by 10%, it is **74, 93.452, 130.846**.

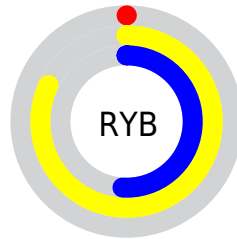
Distribution



Red (31%)

Green (82%)

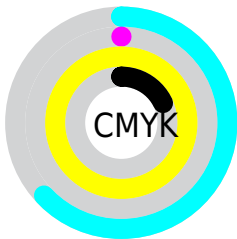
Blue (0%)



Red (0%)

Yellow (82%)

Blue (51%)

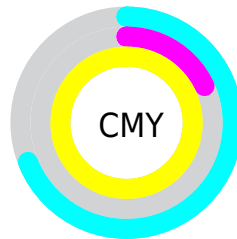


Cyan (63%)

Magenta (0%)

Yellow (100%)

Black (18%)



Cyan (69%)


Magenta (18%)

Yellow (100%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 97.257, 131.697 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, 97.257, 131.697 by changing the saturation by 10% instead.

 74, 97.257,
131.697

 74, 97.257,
131.697

 100, 97.257,
131.697

 64, 97.257,
131.697

 94, 97.257,
131.697

 54, 97.257,
131.697

 44, 97.257,
131.697

 34, 97.257,
131.697

 24, 97.257,
131.697

 14, 97.257,
131.697

 4, 97.257, 131.697

■ 0, 97.257, 131.697

■ 74, 97.257,
131.697

■ 74, 97.257,
131.697

■ 74, 97.246,
131.702

■ 74, 93.452,
130.846

■ 75, 87.594,
130.368

■ 76, 79.633,
130.309

■ 76, 70.056,
130.544

■ 77, 59.364,
130.950

■ 78, 47.962,
131.436

■ 79, 36.144,
131.945

■ 81, 24.118,
132.441

■ 82, 12.032,
132.911

Harmonies

Complementary

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



74, 97.257, 131.697



37, 104.255, 315.029

Rectangle

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



74, 97.257, 131.697



74, 97.257, 181.697



74, 97.257, 311.697



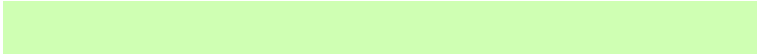
74, 97.257, 1.697

Sweetspot

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



74, 97.246, 131.702



95, 42.645, 131.927



61, 70.876, 70.658



50, 29.049, 131.710



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, 97.246, 131.702



89, 113.636, 131.872



73, 100.212, 137.029



43, 6.856, 132.938



61, 82.874, 131.484



14, 27.272, 133.707

Inverse Universe

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



37, 104.255, 315.029



45, 121.697, 314.903



48, 90.369, 333.545



41, 6.925, 313.695



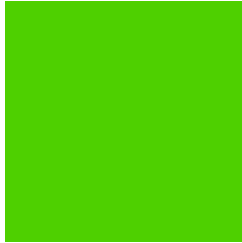
29, 88.968, 315.187



3, 27.632, 312.629

Previews

White Background



This preview shows how the CIELCh color 74, 97.257, 131.697 looks on a white background.

Color Contrast Check

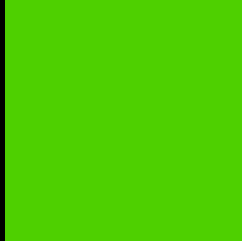
Large Text (above 18pt) WCAG AA × Fail

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, 97.257, 131.697 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

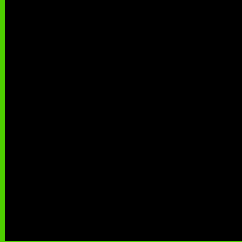
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 74, 97.257, 131.697

Background



This preview shows how black text looks on a background with the CIELCh color 74, 97.257, 131.697.



This preview shows how white text looks on a background with the CIELCh color 74, 97.257, 131.697.

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, 97.257, 131.697

Protanopia

73, 75.691, 94.969

Deuteranopia

73, 68.413, 81.954



Tritanopia
74, 25.667, 217.640

Trichromacy



Original Color
74, 97.257, 131.697



Protanomaly
73, 79.545, 113.213



Deuteranomaly
72, 71.996, 107.095



Tritanomaly
73, 49.506, 151.075

Monochromacy



Original Color
74, 97.257, 131.697



Achromatopsia
60, 0.008, 296.813



Achromatomaly
64, 45.333, 130.992

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 97.257, 131.697 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(78, 208, 0)` looks like.

```
.text, #text, p{  
    color:rgb(78, 208, 0)  
}
```

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(78, 208, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 208, 0) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 97.257, 131.697 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(78, 208, 0) }
```

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

```
.border{ border-color:rgb(78, 208, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(78, 208, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 208, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 208, 0);  
box-shadow:4px 4px 4px 4px rgb(78, 208, 0)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 74, 97.257, 131.697 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 208, 0) }
```

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

```
.background{ background-color: rgb(78, 208,  
0) }
```

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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