

Converting Colors

CIELCh(75, 103.343, 134.831)

Have a look what the booklet for
CIELCh(75, 103.343, 134.831)
contains.

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Color

CIELCh(75, 102.970, 134.877)

Conversions

Conversions Part 1

Format	Color
Hex	29D501
RGB	41, 213, 1
RGB Percent	16%, 84%, 0%
CMY	0.8397, 0.1630, 0.9950
CMYK	0.81, 0.00, 0.99, 0.16
HSL	109°, 99%, 42%
HSV	109°, 99%, 84%
XYZ	24.8197, 48.2781, 8.0467
YIQ	137.4040, -34.4600, -102.3960

Conversions

Conversions Part 2

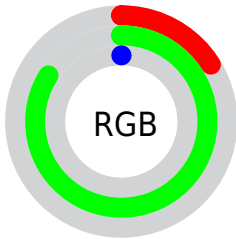
Format	Color
RYB	1, 213, 173
Decimal	2741505
CIELab	75.00, -72.65, 72.97
CIELCh	75, 102.970, 134.877
Yxy	48.2781, 0.3059, 0.5950
Android (android.graphics.Color)	4280931585 (0xFF29D501)
YUV	137.4040, -67.2472, -84.5463
Hunter-Lab	69.4824, -57.8327, 41.7714

Details

The CIELCh color **75, 102.970, 134.877** 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 **44, 102.650, 321.140**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **90, 94.906, 134.561**, and **56, 83.367, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **75, 103.147, 134.891**, and if you desaturate by 10%, it is **75, 99.421, 134.581**.

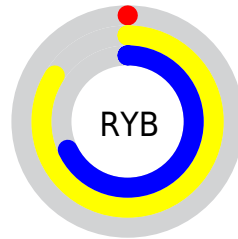
Distribution



Red (16%)

Green (84%)

Blue (0%)



Red (0%)

Yellow (84%)

Blue (68%)

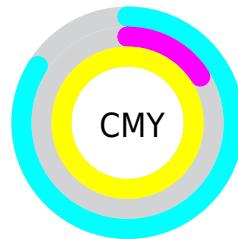


Cyan (81%)

Magenta (0%)

Yellow (99%)

Black (16%)



Cyan (84%)


Magenta (16%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 102.970, 134.877 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 75, 102.970, 134.877 by changing the saturation by 10% instead.


 75, 102.970,
134.877


 75, 102.970,
134.877


 100, 102.970,
134.877


 65, 102.970,
134.877


 95, 102.970,
134.877

 55, 102.970,
134.877

 45, 102.970,
134.877

 35, 102.970,
134.877

 25, 102.970,
134.877

 15, 102.970,
134.877

 5, 102.970,

134.877

■ 0, 102.970,
134.877

■ 75, 102.970,
134.877

■ 75, 102.970,
134.877

■ 75, 103.147,
134.891

■ 75, 99.421,
134.581

■ 76, 93.438,
134.615

■ 76, 85.085,
134.992

■ 77, 74.895,
135.585

■ 78, 63.415,
136.273

■ 79, 51.100,
136.974

■ 81, 38.296,
137.639

■ 82, 25.263,
138.245

■ 84, 12.189,
138.789

Harmonies

Complementary

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



75, 102.970, 134.877



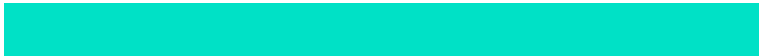
44, 102.650, 321.140

Rectangle

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



75, 102.970, 134.877



75, 102.970, 184.877



75, 102.970, 314.877



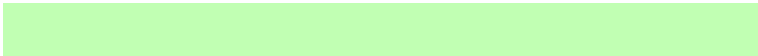
75, 102.970, 4.877

Sweetspot

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



75, 102.969, 134.878



94, 45.142, 137.581



72, 74.543, 87.798



50, 30.755, 137.302



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



75, 102.969, 134.878



88, 118.103, 134.977



75, 92.851, 141.050



44, 7.383, 138.788



61, 87.227, 134.754



14, 30.472, 137.377

Inverse Universe

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



44, 102.650, 321.140



52, 117.605, 321.046



48, 80.542, 344.980



42, 7.422, 319.612



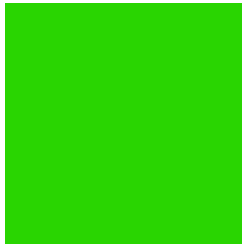
35, 87.057, 321.215



5, 31.627, 321.222

Previews

White Background



This preview shows how the CIE LCh color 75, 102.970, 134.877 looks on a white background.

Color Contrast Check

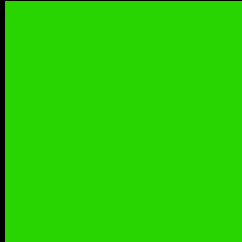
Large Text (above 18pt) WCAG AA × Fail

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 75, 102.970, 134.877 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 75, 102.970, 134.877

Background



This preview shows how black text looks on a background with the CIELCh color 75, 102.970, 134.877.

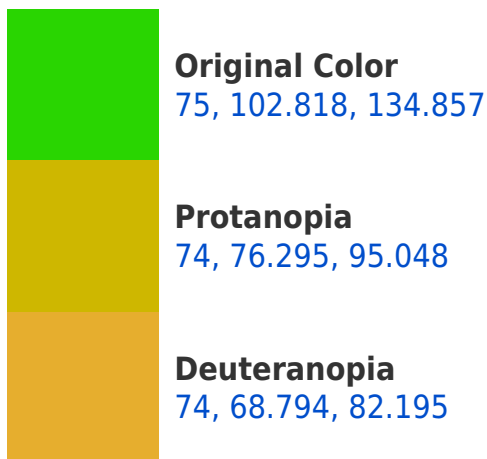


This preview shows how white text looks on a background with the CIELCh color 75, 102.970, 134.877.

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](#).

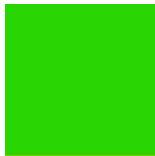
Dichromacy





Tritanopia
75, 30.184, 214.215

Trichromacy



Original Color

75, 102.818, 134.857



Protanomaly

73, 81.969, 117.283



Deuteranomaly

72, 73.795, 112.404



Tritanomaly

74, 55.428, 155.160

Monochromacy



Original Color

75, 102.818, 134.857



Achromatopsia

57, 0.007, 296.813



Achromatomaly

62, 48.681, 136.313

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 102.970, 134.877 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(41, 213, 1)` looks like.

```
.text, #text, p{  
    color:rgb(41, 213, 1)  
}
```

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(41, 213, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 213, 1) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 102.970, 134.877 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(41, 213, 1) }
```

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

```
.border{ border-color:rgb(41, 213, 1) }
```

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

Here you see how a box with a 4 pixel `rgb(41, 213, 1)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 213, 1); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 213, 1);  
box-shadow:4px 4px 4px 4px rgb(41, 213, 1)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 75, 102.970, 134.877 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 213, 1) }
```

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

```
.background{ background-color: rgb(41, 213,  
1) }
```

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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