

Converting Colors

CIELCh(74, 100.498, 134.073)

Have a look what the booklet for
CIELCh(74, 100.498, 134.073)
contains.

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Color

CIELCh(74, 100.614, 134.107)

Conversions

Conversions Part 1

Format	Color
Hex	35D201
RGB	53, 210, 1
RGB Percent	21%, 82%, 0%
CMY	0.7939, 0.1775, 0.9952
CMYK	0.75, 0.00, 0.99, 0.18
HSL	105°, 99%, 41%
HSV	105°, 99%, 82%
XYZ	24.4295, 46.7039, 7.7618
YIQ	139.2310, -26.4830, -98.2830

Conversions

Conversions Part 2

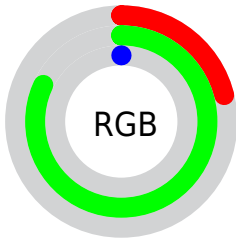
Format	Color
RYB	1, 210, 158
Decimal	3527169
CIELab	74.00, -70.03, 72.25
CIELCh	74, 100.614, 134.107
Yxy	46.7039, 0.3096, 0.5920
Android (android.graphics.Color)	4281717249 (0xFF35D201)
YUV	139.2310, -68.1479, -75.6246
Hunter-Lab	68.3403, -55.7873, 41.1043

Details

The CIELCh color **74, 100.614, 134.107** 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 **41, 102.231, 319.082**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **90, 94.480, 133.776**, and **55, 82.195, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **74, 100.801, 134.132**, and if you desaturate by 10%, it is **74, 96.894, 133.611**.

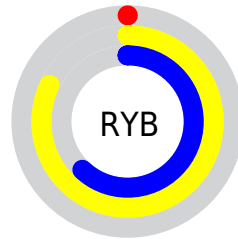
Distribution



Red (21%)

Green (82%)

Blue (0%)



Red (0%)

Yellow (82%)

Blue (62%)

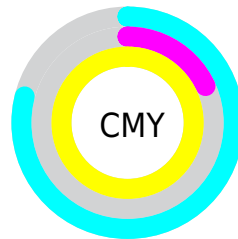


Cyan (75%)

Magenta (0%)

Yellow (99%)

Black (18%)



Cyan (79%)


Magenta (18%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 100.614, 134.107 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, 100.614, 134.107 by changing the saturation by 10% instead.


 74, 100.614,
134.107


 74, 100.614,
134.107


 100, 100.614,
134.107


 64, 100.614,
134.107


 94, 100.614,
134.107

 54, 100.614,
134.107

 44, 100.614,
134.107

 34, 100.614,
134.107

 24, 100.614,
134.107

 14, 100.614,
134.107

 4, 100.614,

134.107

■ 0, 100.614,
134.107

■ 74, 100.614,
134.107

■ 74, 100.614,
134.107

■ 74, 100.801,
134.132

■ 74, 96.894,
133.611

■ 75, 90.872,
133.464

■ 75, 82.608,
133.684

■ 76, 72.620,
134.145

■ 77, 61.434,
134.726

■ 78, 49.481,
135.343

■ 80, 37.082,
135.945

■ 81, 24.472,
136.504

■ 83, 11.823,
137.013

Harmonies

Complementary

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



74, 100.614, 134.107



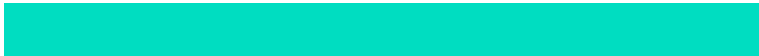
41, 102.231, 319.082

Rectangle

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



74, 100.614, 134.107



74, 100.614, 184.107



74, 100.614, 314.107



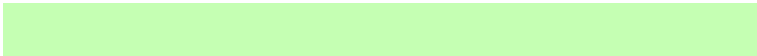
74, 100.614, 4.107

Sweetspot

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



74, 100.613, 134.108



95, 44.314, 135.891



68, 72.173, 83.332



50, 30.192, 135.637



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, 100.613, 134.108



88, 116.991, 134.253



74, 94.633, 139.668



43, 7.109, 137.013



60, 85.386, 133.963



13, 28.355, 136.931

Inverse Universe

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



41, 102.231, 319.082



50, 118.717, 318.957



47, 82.218, 341.415



41, 7.157, 317.798



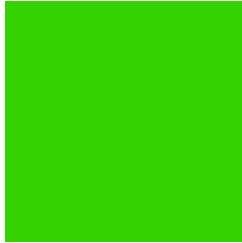
33, 86.872, 319.177



4, 28.871, 318.237

Previews

White Background



This preview shows how the CIE LCh color 74, 100.614, 134.107 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 CIE LCh color 74, 100.614, 134.107 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, 100.614, 134.107

Background



This preview shows how black text looks on a background with the CIELCh color 74, 100.614, 134.107.



This preview shows how white text looks on a background with the CIELCh color 74, 100.614, 134.107.

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, 100.698, 134.074

Protanopia

73, 75.623, 95.309

Deuteranopia

73, 68.100, 81.890



Tritanopia
74, 28.936, 215.076

Trichromacy



Original Color

74, 100.698, 134.074



Protanomaly

72, 80.536, 116.093



Deuteranomaly

71, 72.599, 110.524



Tritanomaly

73, 53.024, 154.429

Monochromacy



Original Color

74, 100.698, 134.074



Achromatopsia

58, 0.007, 296.813



Achromatomaly

62, 47.279, 134.873

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 100.614, 134.107 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(53, 210, 1)` looks like.

```
.text, #text, p{  
    color:rgb(53, 210, 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(53, 210, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 210, 1) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 100.614, 134.107 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(53, 210, 1) }
```

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

```
.border{ border-color:rgb(53, 210, 1) }
```

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

Here you see how a box with a 4 pixel `rgb(53, 210, 1)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 210, 1); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 210, 1);  
box-shadow:4px 4px 4px 4px rgb(53, 210, 1)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 74, 100.614, 134.107 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 210, 1) }
```

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

```
.background{ background-color: rgb(53, 210,  
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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