

Converting Colors

CIELCh(74, 94.913, 139.284)

Have a look what the booklet for
CIELCh(74, 94.913, 139.284)
contains.

CIELCh(74, 95.208, 139.233)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(74, 95.208, 139.233)

Conversions

Conversions Part 1

Format	Color
Hex	0CD334
RGB	12, 211, 52
RGB Percent	5%, 83%, 20%
CMY	0.9527, 0.1742, 0.7978
CMYK	0.94, 0.00, 0.76, 0.17
HSL	132°, 89%, 44%
HSV	132°, 94%, 83%
XYZ	23.9530, 46.7039, 10.9487
YIQ	133.3730, -67.5650, -91.6370

Conversions

Conversions Part 2

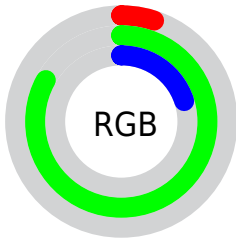
Format	Color
RYB	12, 178, 211
Decimal	840500
CIELab	74.00, -72.11, 62.17
CIELCh	74, 95.208, 139.233
Yxy	46.7039, 0.2935, 0.5723
Android (android.graphics.Color)	4279030580 (0xFF0CD334)
YUV	133.3730, -40.1169, -106.4441
Hunter-Lab	68.3403, -57.0319, 38.3394

Details

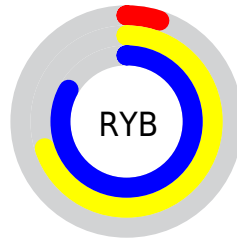
The CIELCh color **74, 95.208, 139.233** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **48, 85.243, 337.577**, and the grayscale version is **56, 0.007, 296.813**.

A 20% lighter version of the original color is **90, 88.092, 139.585**, and **56, 82.586, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **74, 97.900, 138.396**, and if you desaturate by 10%, it is **74, 89.294, 140.871**.

Distribution



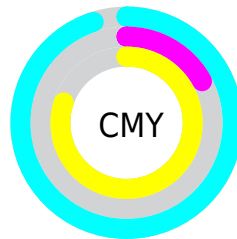
- Red (5%)
- Green (83%)
- Blue (20%)



- Red (5%)
- Yellow (70%)
- Blue (83%)



- Cyan (94%)
- Magenta (0%)
- Yellow (76%)
- Black (17%)





- Cyan (95%)
- Magenta (17%)
- Yellow (80%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 95.208, 139.233 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, 95.208, 139.233 by changing the saturation by 10% instead.


 74, 95.208,
139.233


 74, 95.208,
139.233


 100, 95.208,
139.233


 64, 95.208,
139.233


 94, 95.208,
139.233

 54, 95.208,
139.233

 44, 95.208,
139.233

 34, 95.208,
139.233

 24, 95.208,
139.233

 14, 95.208,
139.233

 4, 95.208, 139.233

■ 0, 95.208, 139.233

■ 74, 95.208,
139.233

■ 74, 95.208,
139.233

■ 74, 97.900,
138.396

■ 74, 89.294,
140.871

■ 75, 81.803,
142.510

■ 75, 72.939,
144.059

■ 76, 62.950,
145.466

■ 77, 52.104,
146.711

■ 79, 40.664,
147.796

■ 80, 28.873,
148.735

■ 82, 16.941,
149.549

■ 84, 5.035, 150.288

Harmonies

Complementary

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



74, 95.208, 139.233



48, 85.243, 337.577

Rectangle

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



74, 95.208, 139.233



74, 95.208, 189.233



74, 95.208, 319.233



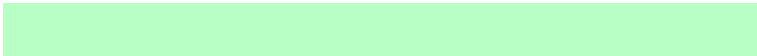
74, 95.208, 9.233

Sweetspot

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



74, 95.208, 139.234



94, 38.889, 148.373



79, 84.495, 113.495



49, 26.810, 147.956



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, 95.208, 139.234



88, 113.583, 138.218



75, 60.890, 161.586



43, 6.680, 149.909



60, 82.340, 138.659



13, 27.580, 145.536

Inverse Universe

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



48, 85.243, 337.577



58, 98.750, 338.332



45, 73.462, 17.058



41, 6.701, 331.046



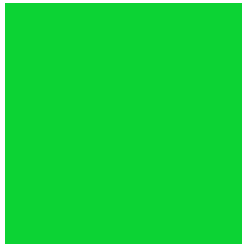
38, 72.626, 338.009



5, 26.679, 335.605

Previews

White Background



This preview shows how the CIE LCh color 74, 95.208, 139.233 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, 95.208, 139.233 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, 95.208, 139.233

Background



This preview shows how black text looks on a background with the CIELCh color 74, 95.208, 139.233.

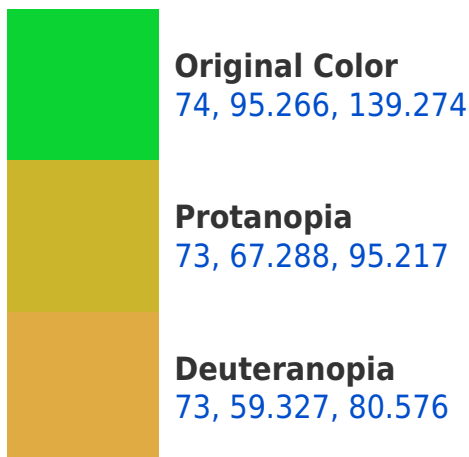


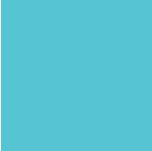
This preview shows how white text looks on a background with the CIELCh color 74, 95.208, 139.233.

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
74, 31.642, 213.345

Trichromacy



Original Color

74, 95.266, 139.274



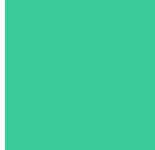
Protanomaly

72, 74.088, 122.636



Deuteranomaly

70, 63.757, 118.499



Tritanomaly

73, 50.030, 165.154

Monochromacy



Original Color

74, 95.266, 139.274



Achromatopsia

56, 0.007, 296.813



Achromatomaly

60, 42.458, 146.609

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 95.208, 139.233 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(12, 211, 52)` looks like.

```
.text, #text, p{  
    color:rgb(12, 211, 52)  
}
```

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(12, 211, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(12, 211, 52) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 95.208, 139.233 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(12, 211, 52) }
```

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

```
.border{ border-color:rgb(12, 211, 52) }
```

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

Here you see how a box with a 4 pixel `rgb(12, 211, 52)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(12, 211, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(12, 211, 52);  
box-shadow:4px 4px 4px 4px rgb(12, 211,  
52) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 95.208, 139.233 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(12, 211, 52) }
```

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

```
.background{ background-color: rgb(12, 211,  
52) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor