

Converting Colors

CIELCh(74, 74.212, 149.474)

Have a look what the booklet for
CIELCh(74, 74.212, 149.474)
contains.

CIELCh(74, 74.338, 149.454)	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, 74.338, 149.454)

Conversions

Conversions Part 1

Format	Color
Hex	19D16D
RGB	25, 209, 109
RGB Percent	10%, 82%, 43%
CMY	0.9023, 0.1820, 0.5740
CMYK	0.88, 0.00, 0.48, 0.18
HSL	147°, 79%, 46%
HSV	147°, 88%, 82%
XYZ	25.8404, 46.7039, 22.0182
YIQ	142.5840, -77.5640, -70.1080

Conversions

Conversions Part 2

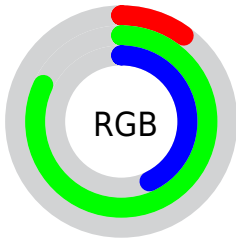
Format	Color
RYB	25, 151, 209
Decimal	1692013
CIELab	74.00, -64.02, 37.78
CIELCh	74, 74.338, 149.454
Yxy	46.7039, 0.2733, 0.4939
Android (android.graphics.Color)	4279882093 (0xFF19D16D)
YUV	142.5840, -16.5569, -103.1212
Hunter-Lab	68.3403, -52.1021, 28.7359

Details

The CIELCh color **74, 74.338, 149.454** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed spring green. A complement of this color would be **47, 72.101, 354.147**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **90, 67.785, 150.925**, and **55, 67.238, 144.437** is the 20% darker color. If you saturate the color by 10%, you get **74, 79.396, 147.246**, and if you desaturate by 10%, it is **74, 68.431, 151.512**.

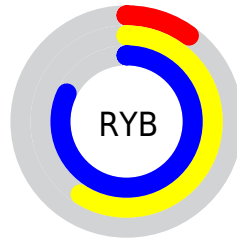
Distribution



Red (10%)

Green (82%)

Blue (43%)



Red (10%)

Yellow (59%)

Blue (82%)

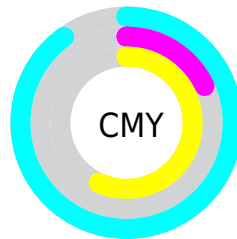


Cyan (88%)

Magenta (0%)

Yellow (48%)

Black (18%)



Cyan (90%)


Magenta (18%)


Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 74.338, 149.454 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, 74.338, 149.454 by changing the saturation by 10% instead.

 74, 74.338,
149.454

 74, 74.338,
149.454

 100, 74.338,
149.454


 64, 74.338,
149.454


 94, 74.338,
149.454

 54, 74.338,
149.454

 44, 74.338,
149.454

 34, 74.338,
149.454

 24, 74.338,
149.454

 14, 74.338,
149.454

 4, 74.338, 149.454

■ 0, 74.338, 149.454

■ 74, 74.338,
149.454

■ 74, 74.338,
149.454

■ 74, 79.396,
147.246

■ 74, 68.431,
151.512

■ 74, 80.328,
146.832

■ 75, 61.618,
153.366

■ 76, 53.953,
155.009

■ 77, 45.556,
156.456

■ 78, 36.582,
157.727

■ 79, 27.198,
158.848

■ 81, 17.567,
159.844

■ 82, 7.831, 160.752

■ 84, 1.890, 341.278

Harmonies

Complementary

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



74, 74.338, 149.454



47, 72.101, 354.147

Rectangle

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



74, 74.338, 149.454



74, 74.338, 199.454



74, 74.338, 329.454



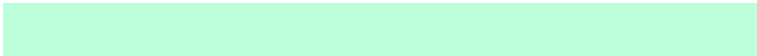
74, 74.338, 19.454

Sweetspot

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



74, 74.338, 149.454



95, 29.694, 159.031



76, 87.953, 125.191



50, 20.087, 158.662



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, 74.338, 149.454



88, 94.033, 146.548



76, 43.786, 189.735



43, 5.528, 160.632



60, 67.931, 147.202



13, 23.252, 152.735

Inverse Universe

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



47, 72.101, 354.147



55, 85.387, 358.700



45, 80.299, 34.159



41, 5.586, 342.053



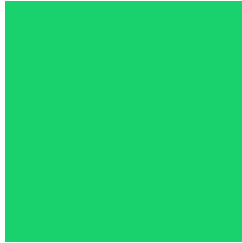
36, 62.768, 357.581



5, 22.299, 351.047

Previews

White Background



This preview shows how the CIELCh color 74, 74.338, 149.454 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, 74.338, 149.454 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, 74.338, 149.454

Background



This preview shows how black text looks on a background with the CIELCh color 74, 74.338, 149.454.

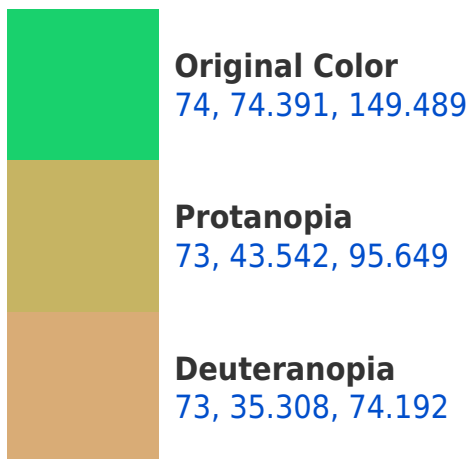


This preview shows how white text looks on a background with the CIELCh color 74, 74.338, 149.454.

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



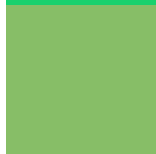


Tritanopia
74, 32.711, 212.730

Trichromacy



Original Color
74, 74.391, 149.489



Protanomaly
72, 50.882, 131.382



Deuteranomaly
71, 40.368, 128.816



Tritanomaly
73, 43.143, 177.037

Monochromacy



Original Color
74, 74.391, 149.489



Achromatopsia
59, 0.008, 296.813



Achromatomaly
63, 31.972, 157.861

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 74.338, 149.454 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(25, 209, 109)` looks like.

```
.text, #text, p{  
    color:rgb(25, 209, 109)  
}
```

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(25, 209, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(25, 209, 109) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 74.338, 149.454 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(25, 209, 109) }
```

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

```
.border{ border-color:rgb(25, 209, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(25, 209, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(25, 209, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(25, 209, 109);  
box-shadow:4px 4px 4px 4px rgb(25, 209,  
109) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 74.338, 149.454 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(25, 209, 109) }
```

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

```
.background{ background-color: rgb(25, 209,  
109) }
```

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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