

Converting Colors

CIELCh(74, 57.748, 154.236)

Have a look what the booklet for
CIELCh(74, 57.748, 154.236)
contains.

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Color

CIELCh(74, 57.759, 154.305)

Conversions

Conversions Part 1

Format	Color
Hex	49CD86
RGB	73, 205, 134
RGB Percent	29%, 80%, 53%
CMY	0.7145, 0.1968, 0.4751
CMYK	0.64, 0.00, 0.35, 0.20
HSL	148°, 57%, 54%
HSV	148°, 64%, 80%
XYZ	28.8134, 46.7039, 29.9913
YIQ	157.4380, -55.8810, -50.0650

Conversions

Conversions Part 2

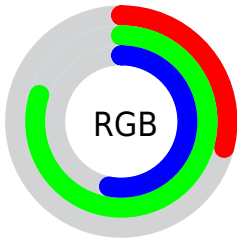
Format	Color
RYB	73, 163, 205
Decimal	4836742
CIELab	74.00, -52.05, 25.04
CIELCh	74, 57.759, 154.305
Yxy	46.7039, 0.2731, 0.4427
Android (android.graphics.Color)	4283026822 (0xFF49CD86)
YUV	157.4380, -11.5549, -74.0521
Hunter-Lab	68.3403, -44.3369, 21.8187

Details

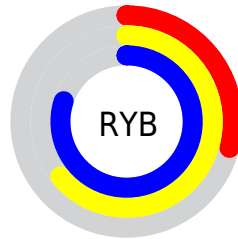
The CIELCh color **74, 57.759, 154.305** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle muted spring green. A complement of this color would be **51, 59.857, 349.025**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **92, 53.375, 156.010**, and **55, 55.758, 152.780** is the 20% darker color. If you saturate the color by 10%, you get **73, 64.739, 152.529**, and if you desaturate by 10%, it is **75, 49.983, 155.874**.

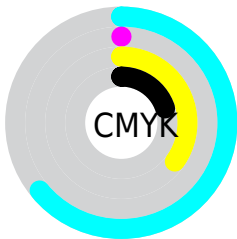
Distribution



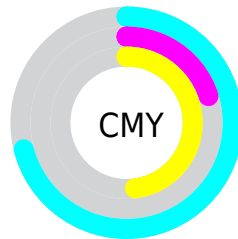
- Red (29%)
- Green (80%)
- Blue (53%)



- Red (29%)
- Yellow (64%)
- Blue (80%)



- Cyan (64%)
- Magenta (0%)
- Yellow (35%)
- Black (20%)





- Cyan (71%)
- Magenta (20%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 57.759, 154.305 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, 57.759, 154.305 by changing the saturation by 10% instead.


 74, 57.759,
154.305


 74, 57.759,
154.305

 100, 57.759,
154.305

 64, 57.759,
154.305


 94, 57.759,
154.305

 54, 57.759,
154.305

 44, 57.759,
154.305

 34, 57.759,
154.305

 24, 57.759,
154.305

 14, 57.759,
154.305

 4, 57.759, 154.305

0, 57.759, 154.305

74, 57.759,
154.305

74, 57.759,
154.305

73, 64.739,
152.529

75, 49.983,
155.874

73, 70.841,
150.544

76, 41.538,
157.255

73, 76.066,
148.371

77, 32.585,
158.470

72, 78.689,
147.159

78, 23.286,
159.544

80, 13.794,
160.505

82, 4.242, 161.419

■ 83, 5.264, 342.013

■ 85, 14.641,
342.757

■ 87, 23.229,
342.143

Harmonies

Complementary

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



74, 57.759, 154.305



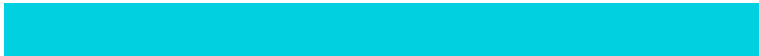
51, 59.857, 349.025

Rectangle

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



74, 57.759, 154.305



74, 57.759, 204.305



74, 57.759, 334.305



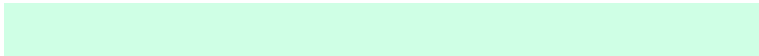
74, 57.759, 24.305

Sweetspot

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



74, 57.760, 154.305



96, 21.645, 160.057



76, 69.985, 124.537



51, 14.885, 159.776



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, 57.760, 154.305



89, 79.019, 151.853



75, 37.609, 191.195



42, 5.391, 160.962



60, 66.705, 147.531



12, 22.008, 153.692

Inverse Universe

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



51, 59.857, 349.025



59, 79.771, 351.872



50, 58.202, 25.271



40, 5.449, 342.387



36, 61.957, 358.126



4, 20.323, 351.153

Previews

White Background



This preview shows how the CIELCh color 74, 57.759, 154.305 looks on a white background.

Color Contrast Check

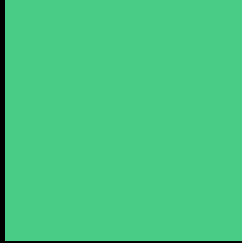
Large Text (above 18pt) WCAG AA × Fail

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, 57.759, 154.305 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, 57.759, 154.305

Background



This preview shows how black text looks on a background with the CIELCh color 74, 57.759, 154.305.

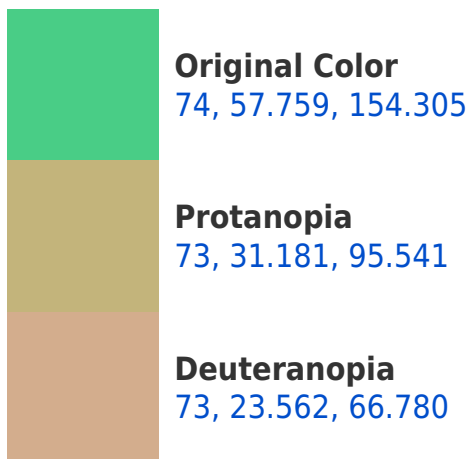


This preview shows how white text looks on a background with the CIELCh color 74, 57.759, 154.305.

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



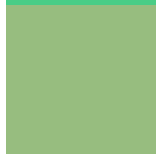


Tritanopia
74, 29.140, 214.936

Trichromacy



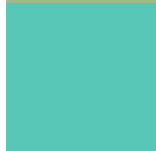
Original Color
74, 57.759, 154.305



Protanomaly
73, 36.408, 131.412



Deuteranomaly
72, 27.011, 128.287



Tritanomaly
74, 35.349, 182.460

Monochromacy



Original Color
74, 57.759, 154.305



Achromatopsia
65, 0.008, 296.813



Achromatomaly
67, 22.666, 160.096

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 57.759, 154.305 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(73, 205, 134)` looks like.

```
.text, #text, p{  
    color:rgb(73, 205, 134)  
}
```

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(73, 205, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 205, 134) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 57.759, 154.305 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(73, 205, 134) }
```

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

```
.border{ border-color:rgb(73, 205, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(73, 205, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 205, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 205, 134);  
box-shadow:4px 4px 4px 4px rgb(73, 205,  
134) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 57.759, 154.305 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 205, 134) }
```

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

```
.background{ background-color: rgb(73, 205,  
134) }
```

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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