

Converting Colors

CIELCh(74, 60.336, 154.563)

Have a look what the booklet for
CIELCh(74, 60.336, 154.563)
contains.

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Color

CIELCh(74, 60.479, 154.429)

Conversions

Conversions Part 1

Format	Color
Hex	3FCE84
RGB	63, 206, 132
RGB Percent	25%, 81%, 52%
CMY	0.7544, 0.1933, 0.4834
CMYK	0.70, 0.00, 0.36, 0.19
HSL	149°, 59%, 53%
HSV	149°, 70%, 81%
XYZ	28.1729, 46.7039, 29.2634
YIQ	154.8070, -61.4740, -53.3300

Conversions

Conversions Part 2

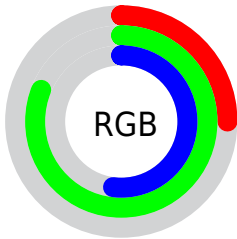
Format	Color
RYB	63, 159, 206
Decimal	4181636
CIELab	74.00, -54.56, 26.10
CIELCh	74, 60.479, 154.429
Yxy	46.7039, 0.2705, 0.4485
Android (android.graphics.Color)	4282371716 (0xFF3FCE84)
YUV	154.8070, -11.2439, -80.5147
Hunter-Lab	68.3403, -46.0100, 22.4501

Details

The CIELCh color **74, 60.479, 154.429** is a dark color, and the websafe version is hex **33CC99**. The color can be described as dark muted spring green. A complement of this color would be **50, 62.818, 351.406**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **91, 55.497, 156.327**, and **54, 56.580, 152.025** is the 20% darker color. If you saturate the color by 10%, you get **73, 66.873, 152.538**, and if you desaturate by 10%, it is **75, 53.246, 156.108**.

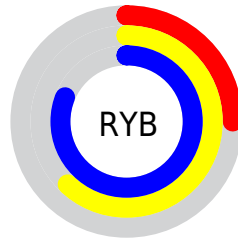
Distribution



Red (25%)

Green (81%)

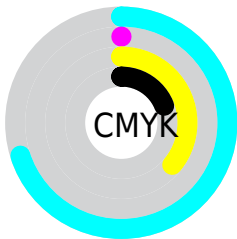
Blue (52%)



Red (25%)

Yellow (62%)

Blue (81%)

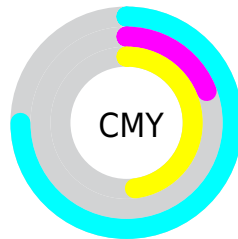


Cyan (70%)

Magenta (0%)

Yellow (36%)

Black (19%)



Cyan (75%)


Magenta (19%)

Yellow (48%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 60.479, 154.429 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, 60.479, 154.429 by changing the saturation by 10% instead.


 74, 60.479,
154.429

 74, 60.479,
154.429


 100, 60.479,
154.429


 64, 60.479,
154.429


 94, 60.479,
154.429

 54, 60.479,
154.429

 44, 60.479,
154.429

 34, 60.479,
154.429

 24, 60.479,
154.429

 14, 60.479,
154.429

 4, 60.479, 154.429

0, 60.479, 154.429

74, 60.479,
154.429

74, 60.479,
154.429

73, 66.873,
152.538

75, 53.246,
156.108

73, 72.391,
150.442

76, 45.274,
157.589

73, 77.147,
148.220

77, 36.706,
158.893

73, 77.352,
148.126

78, 27.703,
160.045

79, 18.422,
161.071

81, 9.007, 162.005

■ 83, 0.425, 341.818

■ 85, 9.777, 343.482

■ 87, 18.980,
344.183

Harmonies

Complementary

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



74, 60.479, 154.429



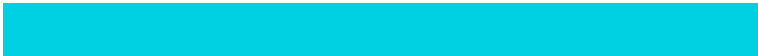
50, 62.818, 351.406

Rectangle

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



74, 60.479, 154.429



74, 60.479, 204.429



74, 60.479, 334.429



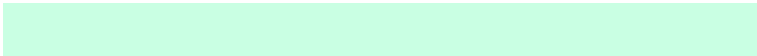
74, 60.479, 24.429

Sweetspot

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



74, 60.480, 154.429



96, 23.538, 160.904



76, 75.019, 125.116



51, 15.913, 160.623



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, 60.480, 154.429



89, 81.660, 151.623



76, 38.968, 192.782



42, 5.310, 162.020



60, 65.356, 148.507



12, 21.633, 154.557

Inverse Universe

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



50, 62.818, 351.406



57, 81.794, 355.074



48, 63.811, 28.079



40, 5.373, 343.471



35, 61.634, 0.028



4, 20.095, 352.462

Previews

White Background



This preview shows how the CIELCh color 74, 60.479, 154.429 looks on a white background.

Color Contrast Check

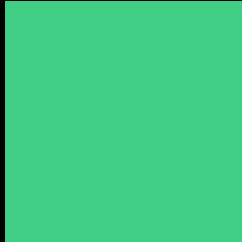
Large Text (above 18pt) WCAG AA × Fail

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, 60.479, 154.429 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, 60.479, 154.429

Background



This preview shows how black text looks on a background with the CIELCh color 74, 60.479, 154.429.

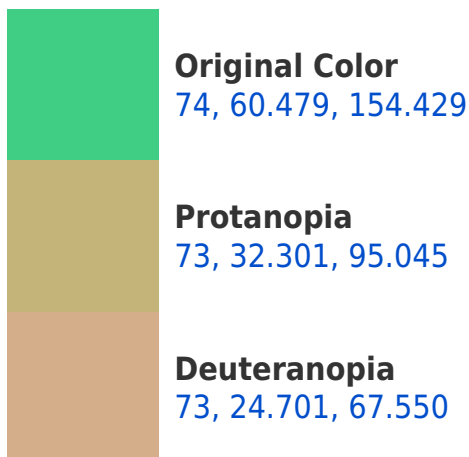


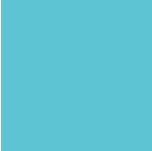
This preview shows how white text looks on a background with the CIELCh color 74, 60.479, 154.429.

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, 30.534, 214.015

Trichromacy



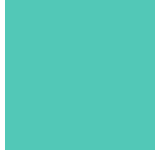
Original Color
74, 60.479, 154.429



Protanomaly
72, 37.869, 132.254



Deuteranomaly
72, 28.450, 129.645



Tritanomaly
74, 37.165, 182.186

Monochromacy



Original Color
74, 60.479, 154.429



Achromatopsia
64, 0.008, 296.813



Achromatomaly
67, 24.510, 159.917

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 60.479, 154.429 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(63, 206, 132)` looks like.

```
.text, #text, p{  
    color:rgb(63, 206, 132)  
}
```

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(63, 206, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 206, 132) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 60.479, 154.429 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(63, 206, 132) }
```

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

```
.border{ border-color:rgb(63, 206, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 206, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 206, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 206, 132);  
box-shadow:4px 4px 4px 4px rgb(63, 206,  
132) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 60.479, 154.429 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 206, 132) }
```

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

```
.background{ background-color: rgb(63, 206,  
132) }
```

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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