

Converting Colors

CIELCh(74, 48.530, 128.385)

Have a look what the booklet for
CIELCh(74, 48.530, 128.385)
contains.

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Color

CIELCh(74, 48.296, 128.484)

Conversions

Conversions Part 1

Format	Color
Hex	95C36E
RGB	149, 195, 110
RGB Percent	58%, 76%, 43%
CMY	0.4146, 0.2342, 0.5676
CMYK	0.24, 0.00, 0.44, 0.23
HSL	92°, 42%, 60%
HSV	92°, 44%, 77%
XYZ	34.8521, 46.7039, 22.0044
YIQ	171.5560, -0.1310, -36.1870

Conversions

Conversions Part 2

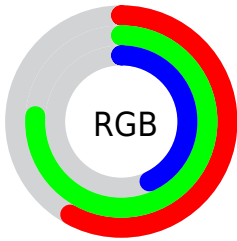
Format	Color
RYB	110, 195, 156
Decimal	9814894
CIELab	74.00, -30.05, 37.81
CIELCh	74, 48.296, 128.484
Yxy	46.7039, 0.3365, 0.4510
Android (android.graphics.Color)	4288004974 (0xFF95C36E)
YUV	171.5560, -30.3471, -19.7816
Hunter-Lab	68.3403, -28.5644, 28.7478

Details

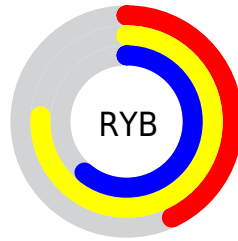
The CIELCh color **74, 48.296, 128.484** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **54, 51.104, 312.555**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 48.292, 128.391**, and **54, 48.270, 128.467** is the 20% darker color. If you saturate the color by 10%, you get **73, 58.670, 128.069**, and if you desaturate by 10%, it is **75, 37.459, 128.957**.

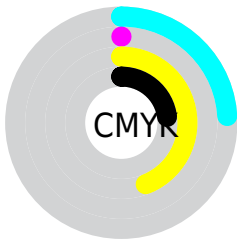
Distribution



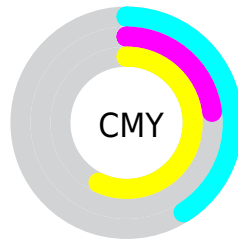
- Red (58%)
- Green (76%)
- Blue (43%)



- Red (43%)
- Yellow (76%)
- Blue (61%)



- Cyan (24%)
- Magenta (0%)
- Yellow (44%)
- Black (23%)



- Cyan (41%)
- Magenta (23%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 48.296, 128.484 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, 48.296, 128.484 by changing the saturation by 10% instead.

 74, 48.296,
128.484

 74, 48.296,
128.484

 100, 48.296,
128.484

 64, 48.296,
128.484

 94, 48.296,
128.484

 54, 48.296,
128.484

 44, 48.296,
128.484

 34, 48.296,
128.484

 24, 48.296,
128.484

 14, 48.296,
128.484

 4, 48.296, 128.484

■ 0, 48.296, 128.484

■ 74, 48.296,
128.484

■ 74, 48.296,
128.484

■ 73, 58.670,
128.069

■ 75, 37.459,
128.957

■ 72, 68.278,
127.778

■ 76, 26.364,
129.441

■ 72, 76.715,
127.714

■ 77, 15.158,
129.914

■ 71, 83.507,
128.003

■ 78, 3.945, 130.378

■ 71, 88.257,
128.755

■ 80, 7.204, 310.732

■ 70, 90.473,
129.401

■ 81, 18.237,
311.110

■ 83, 29.117,

311.442

■ 84, 34.247,
314.987

■ 85, 35.697,
320.536

Harmonies

Complementary

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



74, 48.296, 128.484



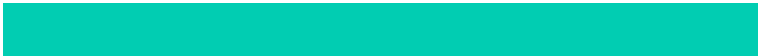
54, 51.104, 312.555

Rectangle

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



74, 48.296, 128.484



74, 48.296, 178.484



74, 48.296, 308.484



74, 48.296, 358.484

Sweetspot

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



74, 48.297, 128.485



98, 18.076, 129.929



67, 30.622, 73.333



52, 12.653, 129.825



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, 48.297, 128.485



93, 70.843, 128.096



72, 54.197, 141.931



40, 6.302, 130.105



59, 78.096, 129.169



11, 21.411, 133.823

Inverse Universe

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



54, 51.104, 312.555



64, 75.952, 312.991



59, 54.026, 327.700



38, 6.381, 310.883



26, 87.461, 312.993



2, 20.368, 306.837

Previews

White Background



This preview shows how the CIELCh color 74, 48.296, 128.484 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, 48.296, 128.484 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

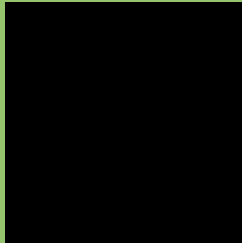
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 48.296, 128.484

Background



This preview shows how black text looks on a background with the CIELCh color 74, 48.296, 128.484.



This preview shows how white text looks on a background with the CIELCh color 74, 48.296, 128.484.

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, 48.296, 128.484

Protanopia
74, 41.043, 95.361

Deuteranopia
74, 37.358, 75.105



Tritanopia
74, 11.217, 245.585

Trichromacy



Original Color
74, 48.296, 128.484

Protanomaly
74, 41.633, 109.042

Deuteranomaly
73, 36.622, 97.955

Tritanomaly
74, 16.939, 153.560

Monochromacy



Original Color
74, 48.296, 128.484

Achromatopsia
70, 0.009, 296.813

Achromatomaly
71, 17.437, 129.501

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 48.296, 128.484 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(149, 195, 110)` looks like.

```
.text, #text, p{  
    color:rgb(149, 195, 110)  
}
```

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(149, 195, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 195, 110) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 48.296, 128.484 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(149, 195, 110) }
```

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

```
.border{ border-color:rgb(149, 195, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 195, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 195, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 195, 110);  
box-shadow:4px 4px 4px 4px rgb(149, 195,  
110) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 48.296, 128.484 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 195, 110) }
```

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

```
.background{ background-color: rgb(149,  
195, 110) }
```

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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