

Converting Colors

CIELCh(74, 49.012, 128.051)

Have a look what the booklet for
CIELCh(74, 49.012, 128.051)
contains.

CIELCh(74, 48.755, 128.244)	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, 48.755, 128.244)

Conversions

Conversions Part 1

Format	Color
Hex	95C36D
RGB	149, 195, 109
RGB Percent	58%, 76%, 43%
CMY	0.4145, 0.2340, 0.5714
CMYK	0.24, 0.00, 0.44, 0.23
HSL	92°, 42%, 60%
HSV	92°, 44%, 77%
XYZ	34.8154, 46.7039, 21.7322
YIQ	171.4420, 0.1900, -36.4980

Conversions

Conversions Part 2

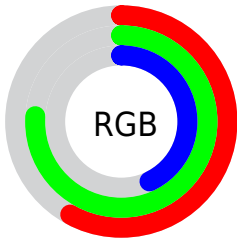
Format	Color
RYB	109, 195, 155
Decimal	9814893
CIELab	74.00, -30.18, 38.29
CIELCh	74, 48.755, 128.244
Yxy	46.7039, 0.3372, 0.4523
Android (android.graphics.Color)	4288004973 (0xFF95C36D)
YUV	171.4420, -30.7839, -19.6816
Hunter-Lab	68.3403, -28.6601, 28.9840

Details

The CIELCh color **74, 48.755, 128.244** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **54, 51.679, 312.381**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 48.746, 128.166**, and **54, 48.712, 128.217** is the 20% darker color. If you saturate the color by 10%, you get **73, 59.080, 127.836**, and if you desaturate by 10%, it is **75, 37.955, 128.714**.

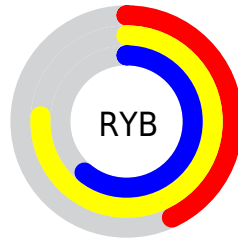
Distribution



Red (58%)

Green (76%)

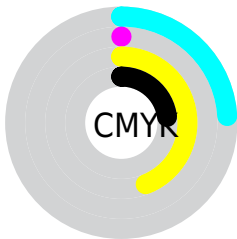
Blue (43%)



Red (43%)

Yellow (76%)

Blue (61%)

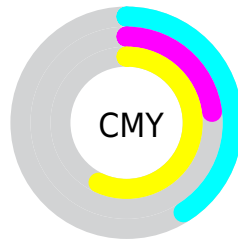


Cyan (24%)

Magenta (0%)

Yellow (44%)

Black (23%)



Cyan (41%)

Magenta (23%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 48.755, 128.244 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, 48.755, 128.244 by changing the saturation by 10% instead.

 74, 48.755,
128.244

 74, 48.755,
128.244

 100, 48.755,
128.244

 64, 48.755,
128.244

 94, 48.755,
128.244

 54, 48.755,
128.244

 44, 48.755,
128.244

 34, 48.755,
128.244

 24, 48.755,
128.244

 14, 48.755,
128.244

 4, 48.755, 128.244

■ 0, 48.755, 128.244

■ 74, 48.755,
128.244

■ 74, 48.755,
128.244

■ 73, 59.080,
127.836

■ 75, 37.955,
128.714

■ 72, 68.621,
127.557

■ 76, 26.887,
129.198

■ 72, 76.971,
127.513

■ 77, 15.702,
129.672

■ 71, 83.652,
127.828

■ 78, 4.503, 130.135

■ 71, 88.282,
128.612

■ 80, 6.636, 310.496

■ 70, 90.310,
129.212

■ 81, 17.664,
310.879

■ 83, 28.543,

311.216

■ 84, 34.111,
314.474

■ 85, 35.515,
319.997

Harmonies

Complementary

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



74, 48.755, 128.244



54, 51.679, 312.381

Rectangle

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



74, 48.755, 128.244



74, 48.755, 178.244



74, 48.755, 308.244



74, 48.755, 358.244

Sweetspot

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



74, 48.756, 128.245



98, 18.048, 129.711



67, 31.012, 73.265



52, 12.633, 129.607



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, 48.756, 128.245



93, 71.965, 127.843



72, 54.799, 141.878



40, 6.292, 129.888



59, 77.944, 128.978



11, 21.367, 133.622

Inverse Universe

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



54, 51.679, 312.381



63, 77.370, 312.844



58, 54.616, 327.725



38, 6.372, 310.669



25, 87.578, 312.839



2, 20.343, 306.605

Previews

White Background



This preview shows how the CIELCh color 74, 48.755, 128.244 looks on a white background.

Color Contrast Check

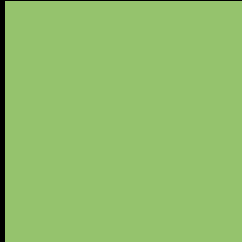
Large Text (above 18pt) WCAG AA × Fail

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, 48.755, 128.244 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, 48.755, 128.244

Background



This preview shows how black text looks on a background with the CIELCh color 74, 48.755, 128.244.



This preview shows how white text looks on a background with the CIELCh color 74, 48.755, 128.244.

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, 48.755, 128.244

Protanopia

74, 41.538, 95.430

Deuteranopia

74, 37.819, 75.441



Tritanopia
74, 10.991, 246.859

Trichromacy



Original Color
74, 48.755, 128.244

Protanomaly
74, 42.130, 108.963

Deuteranomaly
73, 37.130, 98.013

Tritanomaly
74, 16.682, 152.728

Monochromacy



Original Color
74, 48.755, 128.244

Achromatopsia
70, 0.009, 296.813

Achromatomaly
71, 17.942, 128.874

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 48.755, 128.244 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, 109)` looks like.

```
.text, #text, p{  
    color:rgb(149, 195, 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(149, 195, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 195, 109) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 48.755, 128.244 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, 109) }
```

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

```
.border{ border-color:rgb(149, 195, 109) }
```

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, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 195, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 195, 109);  
box-shadow:4px 4px 4px 4px rgb(149, 195,  
109) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 48.755, 128.244 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, 109) }
```

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

```
.background{ background-color: rgb(149,  
195, 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](#).

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