

Converting Colors

CIELCh(74, 58.233, 124.388)

Have a look what the booklet for
CIELCh(74, 58.233, 124.388)
contains.

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Color

CIELCh(74, 58.262, 124.379)

Conversions

Conversions Part 1

Format	Color
Hex	95C459
RGB	149, 196, 89
RGB Percent	58%, 77%, 35%
CMY	0.4149, 0.2306, 0.6502
CMYK	0.24, 0.00, 0.55, 0.23
HSL	86°, 48%, 56%
HSV	86°, 55%, 77%
XYZ	34.0277, 46.7039, 16.7143
YIQ	169.7490, 6.3350, -43.2410

Conversions

Conversions Part 2

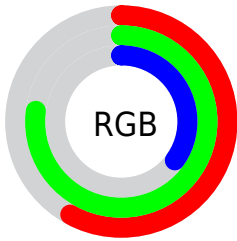
Format	Color
RYB	89, 196, 136
Decimal	9815129
CIELab	74.00, -32.90, 48.08
CIElCh	74, 58.262, 124.379
Yxy	46.7039, 0.3492, 0.4793
Android (android.graphics.Color)	4288005209 (0xFF95C459)
YUV	169.7490, -39.8093, -18.1969
Hunter-Lab	68.3403, -30.7175, 33.3374

Details

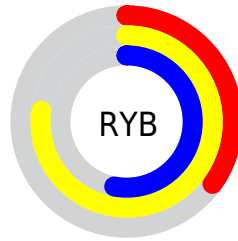
The CIELCh color **74, 58.262, 124.379** is a dark color, and the websafe version is hex **99CC66**. The color can be described as middle muted chartreuse. A complement of this color would be **48, 64.032, 310.010**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 58.308, 124.517**, and **54, 58.186, 124.423** is the 20% darker color. If you saturate the color by 10%, you get **73, 67.488, 124.135**, and if you desaturate by 10%, it is **75, 48.238, 124.774**.

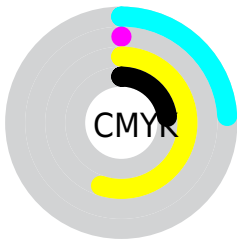
Distribution



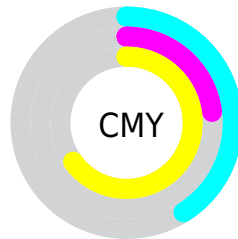
- Red (58%)
- Green (77%)
- Blue (35%)



- Red (35%)
- Yellow (77%)
- Blue (53%)



- Cyan (24%)
- Magenta (0%)
- Yellow (55%)
- Black (23%)





- Cyan (41%)
- Magenta (23%)
- Yellow (65%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 58.262, 124.379 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, 58.262, 124.379 by changing the saturation by 10% instead.


 74, 58.262,
124.379

 74, 58.262,
124.379


 100, 58.262,
124.379


 64, 58.262,
124.379


 94, 58.262,
124.379

 54, 58.262,
124.379

 44, 58.262,
124.379

 34, 58.262,
124.379

 24, 58.262,
124.379

 14, 58.262,
124.379

 4, 58.262, 124.379

0, 58.262, 124.379

74, 58.262,
124.379

74, 58.262,
124.379

73, 67.488,
124.135

75, 48.238,
124.774

73, 75.502,
124.139

76, 37.717,
125.243

72, 81.830,
124.517

77, 26.911,
125.741

72, 86.109,
125.373

78, 15.963,
126.239

71, 87.843,
125.959

79, 4.975, 126.730

80, 5.985, 307.144

81, 16.867,

307.570

■ 82, 27.635,
307.954

■ 83, 32.885,
310.836

Harmonies

Complementary

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



74, 58.262, 124.379



48, 64.032, 310.010

Rectangle

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



74, 58.262, 124.379



74, 58.262, 174.379



74, 58.262, 304.379



74, 58.262, 354.379

Sweetspot

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



74, 58.263, 124.380



98, 21.729, 126.155



62, 38.588, 61.992



52, 14.669, 126.051



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, 58.263, 124.380



93, 83.751, 124.117



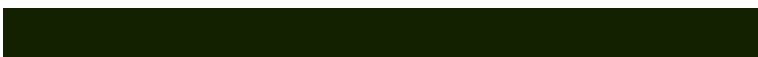
71, 67.129, 138.595



40, 6.158, 126.493



59, 75.580, 125.715



11, 20.677, 130.177

Inverse Universe

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



48, 64.032, 310.010



54, 94.208, 310.629



54, 67.120, 325.181



38, 6.252, 307.355



23, 89.371, 310.722



2, 20.026, 303.288

Previews

White Background



This preview shows how the CIELCh color 74, 58.262, 124.379 looks on a white background.

Color Contrast Check

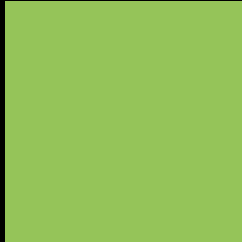
Large Text (above 18pt) WCAG AA × Fail

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, 58.262, 124.379 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

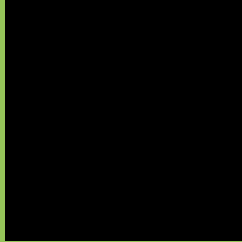
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 74, 58.262, 124.379

Background



This preview shows how black text looks on a background with the CIELCh color 74, 58.262, 124.379.

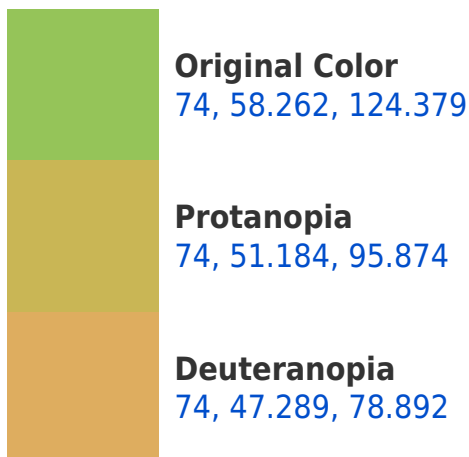


This preview shows how white text looks on a background with the CIELCh color 74, 58.262, 124.379.

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, 10.392, 246.050

Trichromacy



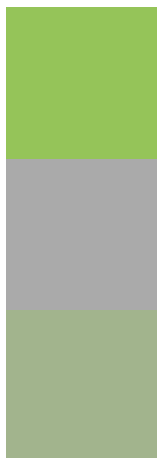
Original Color
74, 58.262, 124.379

Protanomaly
74, 51.707, 107.566

Deuteranomaly
73, 46.674, 97.602

Tritanomaly
74, 19.863, 143.476

Monochromacy



Original Color
74, 58.262, 124.379

Achromatopsia
70, 0.009, 296.813

Achromatomaly
71, 22.275, 126.708

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 58.262, 124.379 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, 196, 89)` looks like.

```
.text, #text, p{  
    color:rgb(149, 196, 89)  
}
```

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, 196, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 196, 89) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 58.262, 124.379 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, 196, 89) }
```

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

```
.border{ border-color:rgb(149, 196, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 196, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 196, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 196, 89);  
box-shadow:4px 4px 4px 4px rgb(149, 196,  
89) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 58.262, 124.379 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 196, 89) }
```

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

```
.background{ background-color: rgb(149,  
196, 89) }
```

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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