

Converting Colors

CIELCh(75, 62.510, 119.416)

Have a look what the booklet for
CIELCh(75, 62.510, 119.416)
contains.

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Color

CIELCh(75, 62.559, 119.302)

Conversions

Conversions Part 1

Format	Color
Hex	A0C64E
RGB	160, 198, 78
RGB Percent	63%, 78%, 31%
CMY	0.3735, 0.2244, 0.6950
CMYK	0.19, 0.00, 0.61, 0.22
HSL	79°, 51%, 54%
HSV	79°, 61%, 78%
XYZ	35.9584, 48.2781, 14.5891
YIQ	172.9580, 15.8720, -45.3760

Conversions

Conversions Part 2

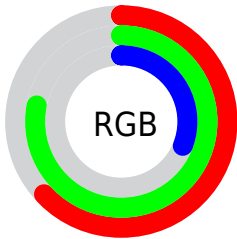
Format	Color
RYB	78, 198, 116
Decimal	10536526
CIELab	75.00, -30.62, 54.55
CIELCh	75, 62.559, 119.302
Yxy	48.2781, 0.3639, 0.4885
Android (android.graphics.Color)	4288726606 (0xFFA0C64E)
YUV	172.9580, -46.8143, -11.3642
Hunter-Lab	69.4824, -29.2173, 36.1887

Details

The CIELCh color **75, 62.559, 119.302** 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 **43, 71.723, 307.006**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 62.847, 119.299**, and **55, 62.668, 119.334** is the 20% darker color. If you saturate the color by 10%, you get **74, 70.770, 119.143**, and if you desaturate by 10%, it is **76, 53.283, 119.668**.

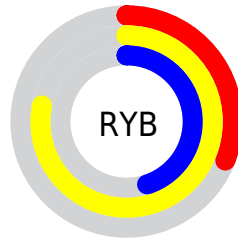
Distribution



Red (63%)

Green (78%)

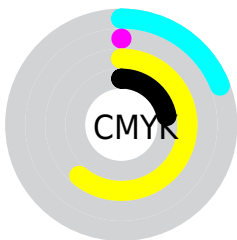
Blue (31%)



Red (31%)

Yellow (78%)

Blue (45%)

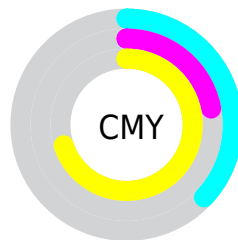


Cyan (19%)

Magenta (0%)

Yellow (61%)

Black (22%)



Cyan (37%)


Magenta (22%)


Yellow (70%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 62.559, 119.302 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 75, 62.559, 119.302 by changing the saturation by 10% instead.


 75, 62.559,
119.302


 75, 62.559,
119.302


 100, 62.559,
119.302


 65, 62.559,
119.302


 95, 62.559,
119.302

 55, 62.559,
119.302

 45, 62.559,
119.302

 35, 62.559,
119.302

 25, 62.559,
119.302

 15, 62.559,
119.302

 5, 62.559, 119.302

0, 62.559, 119.302

75, 62.559,
119.302

75, 62.559,
119.302

74, 70.770,
119.143

76, 53.283,
119.668

74, 77.443,
119.293

76, 43.315,
120.154

74, 82.143,
119.864

77, 32.921,
120.701

73, 84.888,
120.747

78, 22.282,
121.273

79, 11.520,
121.845

80, 0.716, 122.468

■ 81, 10.071,
302.913

■ 82, 20.800,
303.411

■ 83, 31.043,
304.004

Harmonies

Complementary

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



75, 62.559, 119.302



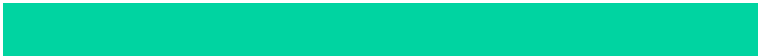
43, 71.723, 307.006

Rectangle

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



75, 62.559, 119.302



75, 62.559, 169.302



75, 62.559, 299.302



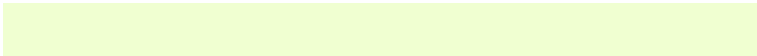
75, 62.559, 349.302

Sweetspot

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



75, 62.560, 119.304



98, 23.862, 121.411



57, 44.952, 50.368



52, 16.569, 121.241



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



75, 62.560, 119.304



93, 88.704, 119.154



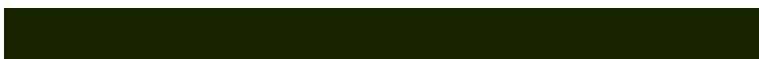
72, 71.810, 135.596



42, 6.149, 121.918



61, 73.508, 120.540



12, 21.460, 123.582

Inverse Universe

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



43, 71.723, 307.006



47, 105.705, 308.047



50, 72.986, 321.734



39, 6.263, 302.963



21, 92.618, 308.638



2, 21.841, 300.054

Previews

White Background



This preview shows how the CIELCh color 75, 62.559, 119.302 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 75, 62.559, 119.302 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 75, 62.559, 119.302

Background



This preview shows how black text looks on a background with the CIELCh color 75, 62.559, 119.302.



This preview shows how white text looks on a background with the CIELCh color 75, 62.559, 119.302.

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
75, 62.559, 119.302

Protanopia
75, 57.094, 95.369

Deuteranopia
75, 53.895, 79.536

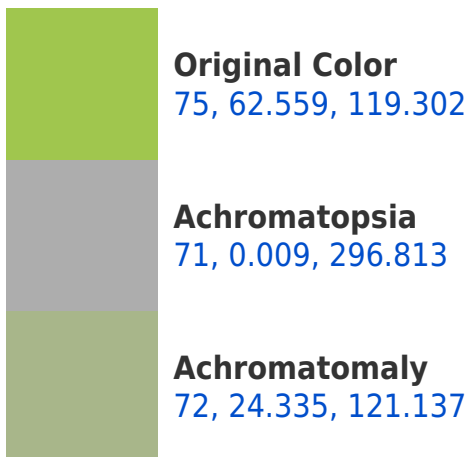


Tritanopia
75, 8.906, 265.080

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 62.559, 119.302 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(160, 198, 78)` looks like.

```
.text, #text, p{  
    color:rgb(160, 198, 78)  
}
```

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(160, 198, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 198, 78) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 62.559, 119.302 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(160, 198, 78) }
```

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

```
.border{ border-color:rgb(160, 198, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 198, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 198, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 198, 78);  
box-shadow:4px 4px 4px 4px rgb(160, 198,  
78) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 62.559, 119.302 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 198, 78) }
```

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

```
.background{ background-color: rgb(160,  
198, 78) }
```

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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