

Converting Colors

CIELCh(75, 70.705, 119.753)

Have a look what the booklet for
CIELCh(75, 70.705, 119.753)
contains.

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Color

CIELCh(75, 70.739, 119.754)

Conversions

Conversions Part 1

Format	Color
Hex	9AC83D
RGB	154, 200, 61
RGB Percent	60%, 78%, 24%
CMY	0.3977, 0.2173, 0.7624
CMYK	0.23, 0.00, 0.70, 0.22
HSL	80°, 56%, 51%
HSV	80°, 70%, 78%
XYZ	34.6359, 48.2781, 11.8483
YIQ	170.4000, 17.2030, -52.9810

Conversions

Conversions Part 2

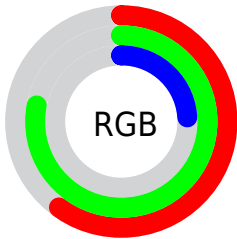
Format	Color
RYB	61, 200, 107
Decimal	10143805
CIELab	75.00, -35.11, 61.41
CIELCh	75, 70.739, 119.754
Yxy	48.2781, 0.3655, 0.5095
Android (android.graphics.Color)	4288333885 (0xFF9AC83D)
YUV	170.4000, -53.9342, -14.3828
Hunter-Lab	69.4824, -32.6149, 38.5275

Details

The CIELCh color **75, 70.739, 119.754** is a dark color, and the websafe version is hex **99CC33**. The color can be described as middle muted chartreuse. A complement of this color would be **39, 82.893, 308.075**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 69.880, 119.471**, and **55, 67.932, 120.959** is the 20% darker color. If you saturate the color by 10%, you get **74, 77.682, 119.885**, and if you desaturate by 10%, it is **76, 62.301, 119.929**.

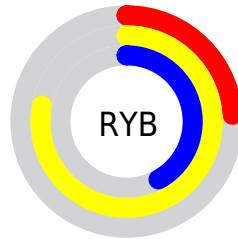
Distribution



Red (60%)

Green (78%)

Blue (24%)



Red (24%)

Yellow (78%)

Blue (42%)

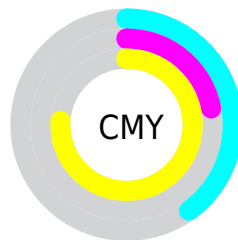


Cyan (23%)

Magenta (0%)

Yellow (70%)

Black (22%)



Cyan (40%)


Magenta (22%)


Yellow (76%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 70.739, 119.754 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, 70.739, 119.754 by changing the saturation by 10% instead.


 75, 70.739,
119.754


 75, 70.739,
119.754


 100, 70.739,
119.754


 65, 70.739,
119.754


 95, 70.739,
119.754

 55, 70.739,
119.754

 45, 70.739,
119.754

 35, 70.739,
119.754

 25, 70.739,
119.754

 15, 70.739,
119.754

 5, 70.739, 119.754

0, 70.739, 119.754

75, 70.739,
119.754

75, 70.739,
119.754

74, 77.682,
119.885

76, 62.301,
119.929

74, 82.673,
120.430

76, 52.832,
120.299

74, 85.762,
121.389

77, 42.700,
120.783

74, 85.862,
121.423

78, 32.163,
121.325

79, 21.396,
121.887

79, 10.517,
122.447

■ 80, 0.394, 302.828

■ 82, 11.279,
303.485

■ 83, 22.099,
303.966

Harmonies

Complementary

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



75, 70.739, 119.754



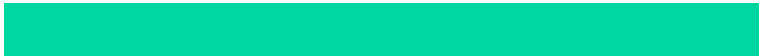
39, 82.893, 308.075

Rectangle

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



75, 70.739, 119.754



75, 70.739, 169.754



75, 70.739, 299.754



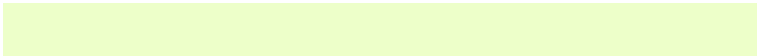
75, 70.739, 349.754

Sweetspot

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



75, 70.740, 119.756



98, 27.888, 121.793



55, 53.492, 50.157



52, 18.859, 121.636



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, 70.740, 119.756



93, 97.080, 120.131



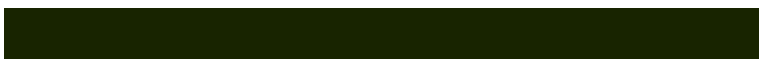
72, 80.943, 135.063



42, 6.164, 122.462



61, 73.834, 121.201



12, 21.558, 124.265

Inverse Universe

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



39, 82.893, 308.075



42, 118.478, 308.836



48, 82.057, 321.877



39, 6.275, 303.481



22, 92.380, 308.842



2, 21.869, 300.452

Previews

White Background



This preview shows how the CIELCh color 75, 70.739, 119.754 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, 70.739, 119.754 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

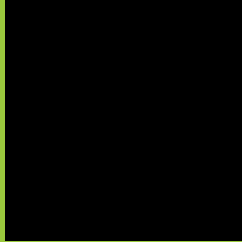
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 75, 70.739, 119.754

Background



This preview shows how black text looks on a background with the CIELCh color 75, 70.739, 119.754.



This preview shows how white text looks on a background with the CIELCh color 75, 70.739, 119.754.

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, 70.739, 119.754

Protanopia

75, 63.971, 95.238

Deuteranopia

75, 60.421, 81.101



Tritanopia
75, 9.734, 255.766

Trichromacy



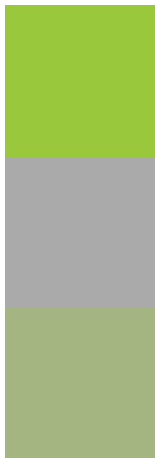
Original Color
75, 70.739, 119.754

Protanomaly
75, 65.043, 105.150

Deuteranomaly
74, 60.200, 96.772

Tritanomaly
74, 24.387, 133.455

Monochromacy



Original Color
75, 70.739, 119.754

Achromatopsia
70, 0.009, 296.813

Achromatomaly
71, 28.266, 121.510

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 70.739, 119.754 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(154, 200, 61)` looks like.

```
.text, #text, p{  
    color:rgb(154, 200, 61)  
}
```

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(154, 200, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 200, 61) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 70.739, 119.754 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(154, 200, 61) }
```

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

```
.border{ border-color:rgb(154, 200, 61) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 200, 61)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 200, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 200, 61);  
box-shadow:4px 4px 4px 4px rgb(154, 200,  
61) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 70.739, 119.754 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 200, 61) }
```

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

```
.background{ background-color: rgb(154,  
200, 61) }
```

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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