

Converting Colors

CIELCh(70, 73.181, 119.965)

Have a look what the booklet for
CIELCh(70, 73.181, 119.965)
contains.

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Color

CIELCh(70, 73.169, 119.956)

Conversions

Conversions Part 1

Format	Color
Hex	89BA27
RGB	137, 186, 39
RGB Percent	54%, 73%, 15%
CMY	0.4614, 0.2693, 0.8455
CMYK	0.26, 0.00, 0.79, 0.27
HSL	80°, 65%, 44%
HSV	80°, 79%, 73%
XYZ	28.3705, 40.7494, 8.3236
YIQ	154.5910, 17.9830, -56.1050

Conversions

Conversions Part 2

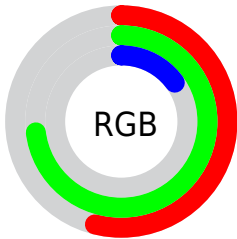
Format	Color
R_{YB}	39, 186, 88
Decimal	9026087
CIE _{Lab}	70.00, -36.54, 63.39
CIE _{LCh}	70, 73.169, 119.956
Yxy	40.7494, 0.3663, 0.5262
Android (android.graphics.Color)	4287216167 (0xFF89BA27)
YUV	154.5910, -56.9864, -15.4273
Hunter-Lab	63.8353, -32.3803, 36.9538

Details

The CIELCh color **70, 73.169, 119.956** is a dark color, and the websafe version is hex **99CC33**. A complement of this color would be **32, 87.753, 308.655**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **90, 73.017, 119.904**, and **50, 64.675, 123.535** is the 20% darker color. If you saturate the color by 10%, you get **70, 78.132, 120.449**, and if you desaturate by 10%, it is **70, 66.413, 119.867**.

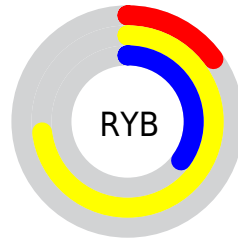
Distribution



Red (54%)

Green (73%)

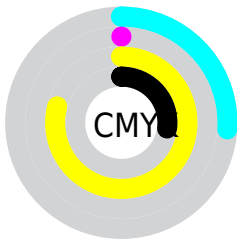
Blue (15%)



Red (15%)

Yellow (73%)

Blue (35%)

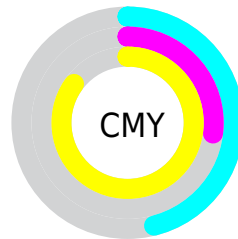


Cyan (26%)

Magenta (0%)

Yellow (79%)

Black (27%)



Cyan (46%)


Magenta (27%)


Yellow (85%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 73.169, 119.956 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 70, 73.169, 119.956 by changing the saturation by 10% instead.


 70, 73.169,
119.956


 70, 73.169,
119.956


 100, 73.169,
119.956


 60, 73.169,
119.956


 90, 73.169,
119.956

 50, 73.169,
119.956

 40, 73.169,
119.956

 30, 73.169,
119.956

 20, 73.169,
119.956

 10, 73.169,
119.956

 0, 73.169, 119.956

■ 70, 73.169,
119.956

■ 70, 73.169,
119.956

■ 70, 78.132,
120.449

■ 70, 66.413,
119.867

■ 69, 81.268,
121.359

■ 71, 58.300,
120.064

■ 69, 81.594,
121.465

■ 72, 49.260,
120.446

■ 72, 39.626,
120.934

■ 73, 29.629,
121.474

■ 74, 19.429,
122.032

■ 75, 9.132, 122.587

■ 76, 1.189, 303.064

■ 77, 11.482,
303.611

Harmonies

Complementary

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



70, 73.169, 119.956



32, 87.753, 308.655

Rectangle

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



70, 73.169, 119.956



70, 73.169, 169.956



70, 73.169, 299.956



70, 73.169, 349.956

Sweetspot

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



70, 73.169, 119.958



93, 30.558, 121.723



49, 58.099, 51.171



50, 21.132, 121.523



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



70, 73.169, 119.958



88, 98.119, 121.151



67, 83.964, 135.001



40, 5.904, 122.559



59, 72.166, 121.276



10, 18.163, 126.656

Inverse Universe

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



32, 87.753, 308.655



36, 121.961, 308.802



42, 84.402, 322.426



37, 6.010, 303.567



21, 90.178, 308.903



1, 17.714, 299.843

Previews

White Background



This preview shows how the CIELCh color 70, 73.169, 119.956 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 70, 73.169, 119.956 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 70, 73.169, 119.956

Background



This preview shows how black text looks on a background with the CIELCh color 70, 73.169, 119.956.

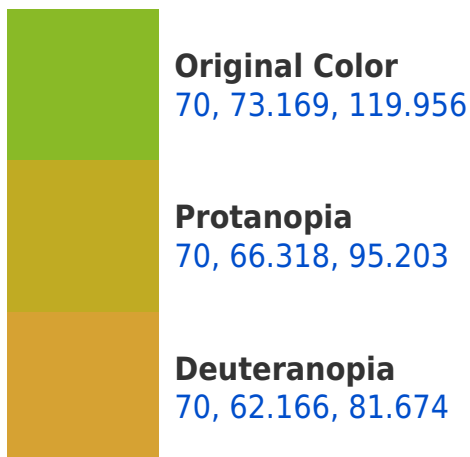


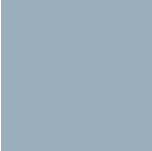
This preview shows how white text looks on a background with the CIELCh color 70, 73.169, 119.956.

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
70, 9.883, 245.284

Trichromacy



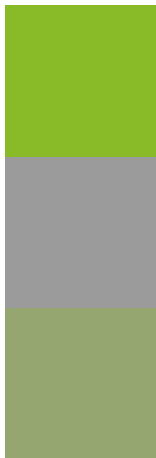
Original Color
70, 73.169, 119.956

Protanomaly
70, 67.144, 105.375

Deuteranomaly
69, 62.133, 97.589

Tritanomaly
69, 27.183, 133.528

Monochromacy



Original Color
70, 73.169, 119.956

Achromatopsia
64, 0.008, 296.813

Achromatomaly
66, 29.721, 120.814

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 73.169, 119.956 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(137, 186, 39)` looks like.

```
.text, #text, p{  
    color:rgb(137, 186, 39)  
}
```

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(137, 186, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 186, 39) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 73.169, 119.956 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(137, 186, 39) }
```

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

```
.border{ border-color:rgb(137, 186, 39) }
```

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

Here you see how a box with a 4 pixel rgb(137, 186, 39) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 186, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 186, 39);  
box-shadow:4px 4px 4px 4px rgb(137, 186,  
39) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 73.169, 119.956 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 186, 39) }
```

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

```
.background{ background-color: rgb(137,  
186, 39) }
```

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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