

Converting Colors

CIELCh(69, 74.939, 117.768)

Have a look what the booklet for
CIELCh(69, 74.939, 117.768)
contains.

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Color

CIELCh(69, 74.909, 117.775)

Conversions

Conversions Part 1

Format	Color
Hex	8BB719
RGB	139, 183, 25
RGB Percent	55%, 72%, 10%
CMY	0.4556, 0.2830, 0.9029
CMYK	0.24, 0.00, 0.86, 0.28
HSL	77°, 76%, 41%
HSV	77°, 86%, 72%
XYZ	27.6928, 39.3444, 7.0402
YIQ	151.8320, 24.4940, -58.4660

Conversions

Conversions Part 2

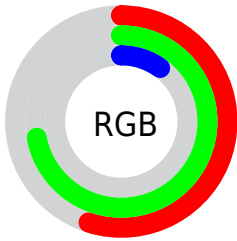
Format	Color
R_{YB}	25, 183, 69
Decimal	9156377
CIE _{Lab}	69.00, -34.91, 66.28
CIE _{LCh}	69, 74.909, 117.775
Yxy	39.3444, 0.3738, 0.5311
Android (android.graphics.Color)	4287346457 (0xFF8BB719)
YUV	151.8320, -62.5282, -11.2537
Hunter-Lab	62.7251, -30.9620, 37.2529

Details

The CIELCh color **69, 74.909, 117.775** is a dark color, and the websafe version is hex **99CC33**. A complement of this color would be **28, 93.518, 307.932**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **89, 74.838, 117.848**, and **49, 63.009, 122.255** is the 20% darker color. If you saturate the color by 10%, you get **69, 78.163, 118.510**, and if you desaturate by 10%, it is **69, 69.717, 117.471**.

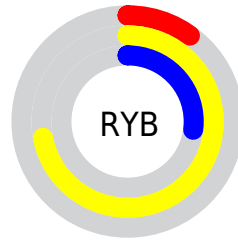
Distribution



Red (55%)

Green (72%)

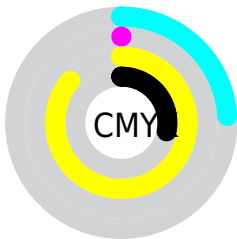
Blue (10%)



Red (10%)

Yellow (72%)

Blue (27%)

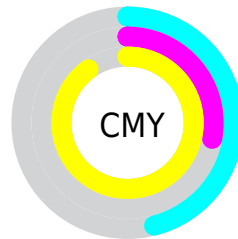


Cyan (24%)

Magenta (0%)

Yellow (86%)

Black (28%)



Cyan (46%)


Magenta (28%)


Yellow (90%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 74.909, 117.775 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 69, 74.909, 117.775 by changing the saturation by 10% instead.

 69, 74.909,
117.775

 69, 74.909,
117.775


 100, 74.909,
117.775


 59, 74.909,
117.775

 89, 74.909,
117.775

 49, 74.909,
117.775

 99, 74.909,
117.775

 39, 74.909,
117.775

 29, 74.909,
117.775

 19, 74.909,
117.775

 9, 74.909, 117.775

 0, 74.909, 117.775

■ 69, 74.909,
117.775

■ 69, 74.909,
117.775

■ 69, 78.163,
118.510

■ 69, 69.717,
117.471

■ 69, 79.101,
118.806

■ 70, 62.843,
117.521

■ 70, 54.733,
117.820

■ 71, 45.791,
118.277

■ 72, 36.320,
118.824

■ 72, 26.529,
119.415

■ 73, 16.558,
120.019

■ 74, 6.501, 120.618

Harmonies

Complementary

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



69, 74.909, 117.775



28, 93.518, 307.932

Rectangle

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



69, 74.909, 117.775



69, 74.909, 167.775



69, 74.909, 297.775



69, 74.909, 347.775

Sweetspot

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



69, 74.909, 117.777



91, 32.203, 119.417



44, 65.388, 46.438



49, 21.967, 119.210



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



69, 74.909, 117.777



87, 96.253, 119.036



66, 85.940, 133.747



39, 5.723, 120.446



59, 70.129, 118.635



9, 15.947, 124.818

Inverse Universe

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



28, 93.518, 307.932



32, 123.585, 307.923



38, 87.635, 320.141



36, 5.832, 301.553



20, 89.952, 308.172



1, 15.565, 298.299

Previews

White Background



This preview shows how the CIELCh color 69, 74.909, 117.775 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 69, 74.909, 117.775 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

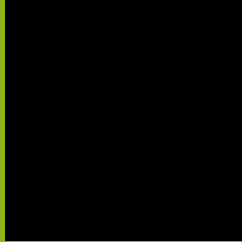
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 74.909, 117.775

Background



This preview shows how black text looks on a background with the CIELCh color 69, 74.909, 117.775.

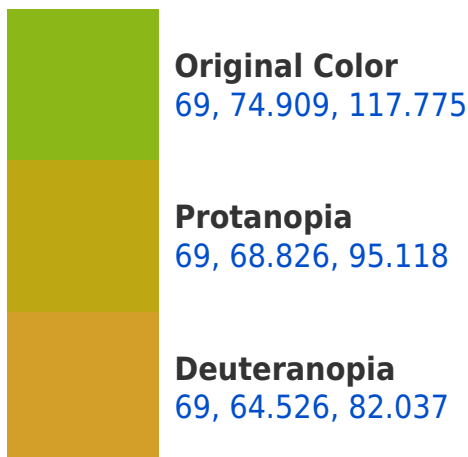


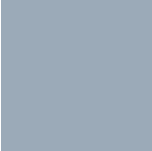
This preview shows how white text looks on a background with the CIELCh color 69, 74.909, 117.775.

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
69, 9.247, 255.677

Trichromacy



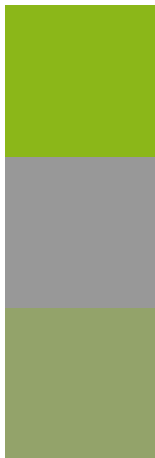
Original Color
69, 74.909, 117.775

Protanomaly
68, 69.369, 103.890

Deuteranomaly
68, 64.977, 96.654

Tritanomaly
68, 28.582, 128.870

Monochromacy



Original Color
69, 74.909, 117.775

Achromatopsia
63, 0.008, 296.813

Achromatomaly
65, 31.780, 119.023

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 74.909, 117.775 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(139, 183, 25)` looks like.

```
.text, #text, p{  
    color:rgb(139, 183, 25)  
}
```

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(139, 183, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 183, 25) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 74.909, 117.775 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(139, 183, 25) }
```

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

```
.border{ border-color:rgb(139, 183, 25) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 183, 25)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 183, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 183, 25);  
box-shadow:4px 4px 4px 4px rgb(139, 183,  
25) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 74.909, 117.775 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 183, 25) }
```

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

```
.background{ background-color: rgb(139,  
183, 25) }
```

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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