

Converting Colors

CIELCh(68, 74.136, 110.302)

Have a look what the booklet for
CIELCh(68, 74.136, 110.302)
contains.

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Color

CIELCh(68, 74.174, 110.415)

Conversions

Conversions Part 1

Format	Color
Hex	9AB000
RGB	154, 176, 0
RGB Percent	60%, 69%, 0%
CMY	0.3957, 0.3094, 0.9989
CMYK	0.12, 0.00, 1.00, 0.31
HSL	68°, 100%, 35%
HSV	68°, 100%, 69%
XYZ	28.8938, 37.9720, 5.8139
YIQ	149.3580, 43.3840, -59.4000

Conversions

Conversions Part 2

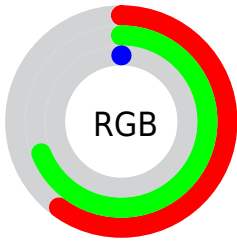
Format	Color
RYB	0, 176, 22
Decimal	10137600
CIELab	68.00, -25.87, 69.52
CIELCh	68, 74.174, 110.415
Yxy	37.9720, 0.3975, 0.5225
Android (android.graphics.Color)	4288327680 (0xFF9AB000)
YUV	149.3580, -73.6335, 4.0710
Hunter-Lab	61.6215, -24.1402, 37.5411

Details

The CIELCh color **68, 74.174, 110.415** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **21, 100.524, 306.746**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **88, 74.546, 110.534**, and **48, 58.348, 114.852** is the 20% darker color. If you saturate the color by 10%, you get **68, 74.209, 110.422**, and if you desaturate by 10%, it is **68, 71.780, 110.092**.

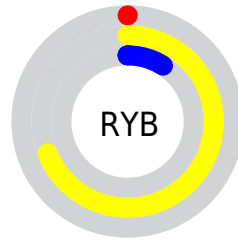
Distribution



Red (60%)

Green (69%)

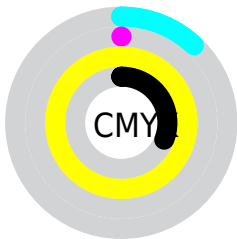
Blue (0%)



Red (0%)

Yellow (69%)

Blue (9%)

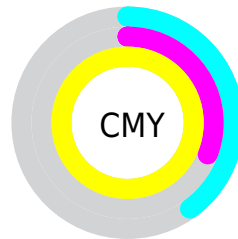


Cyan (12%)

Magenta (0%)

Yellow (100%)

Black (31%)



Cyan (40%)

Magenta (31%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 68, 74.174, 110.415 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 68, 74.174, 110.415 by changing the saturation by 10% instead.


 68, 74.174,
110.415

 68, 74.174,
110.415

 100, 74.174,
110.415


 58, 74.174,
110.415


 88, 74.174,
110.415

 48, 74.174,
110.415

 98, 74.174,
110.415

 38, 74.174,
110.415

 28, 74.174,
110.415

 18, 74.174,
110.415

 8, 74.174, 110.415

 0, 74.174, 110.415

■ 68, 74.174,
110.415

■ 68, 74.174,
110.415

■ 68, 74.209,
110.422

■ 68, 71.780,
110.092

■ 68, 67.719,
110.039

■ 69, 61.863,
110.275

■ 69, 54.626,
110.731

■ 69, 46.436,
111.337

■ 70, 37.625,
112.037

■ 70, 28.429,
112.789

■ 71, 19.003,

113.563

■ 71, 9.451, 114.338

Harmonies

Complementary

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



68, 74.174, 110.415



21, 100.524, 306.746

Rectangle

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



68, 74.174, 110.415



68, 74.174, 160.415



68, 74.174, 290.415



68, 74.174, 340.415

Sweetspot

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



68, 74.174, 110.417



89, 35.428, 112.737



37, 77.234, 41.481



47, 24.068, 112.424



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



68, 74.174, 110.417



86, 90.490, 110.550



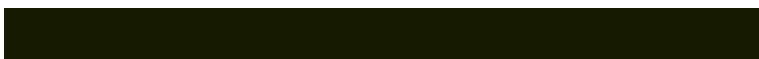
64, 85.497, 131.319



38, 5.498, 114.377



60, 66.887, 110.342



8, 13.441, 117.332

Inverse Universe

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



21, 100.524, 306.746



29, 122.792, 306.678



30, 92.128, 314.917



35, 5.616, 295.845



18, 90.624, 306.813



1, 13.358, 293.974

Previews

White Background



This preview shows how the CIELCh color 68, 74.174, 110.415 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 68, 74.174, 110.415 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 68, 74.174, 110.415

Background



This preview shows how black text looks on a background with the CIELCh color 68, 74.174, 110.415.



This preview shows how white text looks on a background with the CIELCh color 68, 74.174, 110.415.

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
68, 74.174, 110.415

Protanopia
68, 70.980, 95.054

Deuteranopia
68, 67.045, 82.439



Tritanopia
68, 7.342, 302.503

Trichromacy



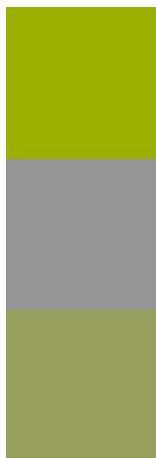
Original Color
68, 74.174, 110.415

Protanomaly
68, 71.551, 101.033

Deuteranomaly
68, 68.020, 93.409

Tritanomaly
67, 29.879, 111.085

Monochromacy



Original Color
68, 74.174, 110.415

Achromatopsia
62, 0.008, 296.813

Achromatomaly
64, 34.968, 112.025

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 74.174, 110.415 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, 176, 0)` looks like.

```
.text, #text, p{  
    color:rgb(154, 176, 0)  
}
```

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, 176, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 176, 0) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 74.174, 110.415 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, 176, 0) }
```

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

```
.border{ border-color:rgb(154, 176, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 176, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 176, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 176, 0);  
box-shadow:4px 4px 4px 4px rgb(154, 176,  
0) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 74.174, 110.415 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 176, 0) }
```

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

```
.background{ background-color: rgb(154,  
176, 0) }
```

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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