

Converting Colors

CIELCh(73, 67.728, 118.068)

Have a look what the booklet for
CIELCh(73, 67.728, 118.068)
contains.

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Color

CIELCh(73, 67.725, 118.133)

Conversions

Conversions Part 1

Format	Color
Hex	9AC13C
RGB	154, 193, 60
RGB Percent	60%, 76%, 24%
CMY	0.3973, 0.2443, 0.7659
CMYK	0.20, 0.00, 0.69, 0.24
HSL	78°, 53%, 49%
HSV	78°, 69%, 76%
XYZ	33.0748, 45.1644, 11.2055
YIQ	166.1770, 19.4490, -49.6310

Conversions

Conversions Part 2

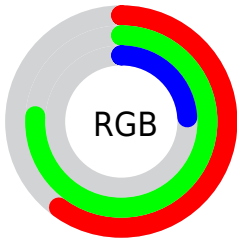
Format	Color
RYB	60, 193, 99
Decimal	10142012
CIELab	73.00, -31.93, 59.72
CIElCh	73, 67.725, 118.133
Yxy	45.1644, 0.3698, 0.5049
Android (android.graphics.Color)	4288332092 (0xFF9AC13C)
YUV	166.1770, -52.3453, -10.6792
Hunter-Lab	67.2044, -29.7586, 37.1573

Details

The CIELCh color **73, 67.725, 118.133** 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 **37, 80.026, 307.129**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **93, 67.819, 118.325**, and **53, 64.721, 118.958** is the 20% darker color. If you saturate the color by 10%, you get **73, 74.491, 118.194**, and if you desaturate by 10%, it is **74, 59.537, 118.359**.

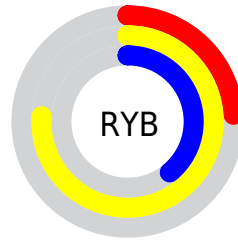
Distribution



Red (60%)

Green (76%)

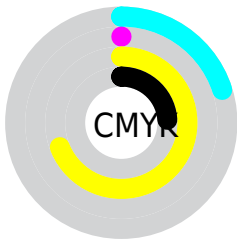
Blue (24%)



Red (24%)

Yellow (76%)

Blue (39%)

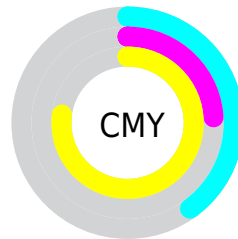


Cyan (20%)

Magenta (0%)

Yellow (69%)

Black (24%)



Cyan (40%)


Magenta (24%)


Yellow (77%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 67.725, 118.133 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 73, 67.725, 118.133 by changing the saturation by 10% instead.


 73, 67.725,
118.133


 73, 67.725,
118.133


 100, 67.725,
118.133


 63, 67.725,
118.133


 93, 67.725,
118.133

 53, 67.725,
118.133

 43, 67.725,
118.133

 33, 67.725,
118.133

 23, 67.725,
118.133

 13, 67.725,
118.133

 3, 67.725, 118.133

■ 0, 67.725, 118.133

■ 73, 67.725,
118.133

■ 73, 67.725,
118.133

■ 73, 74.491,
118.194

■ 74, 59.537,
118.359

■ 72, 79.383,
118.647

■ 74, 50.372,
118.769

■ 72, 82.380,
119.507

■ 75, 40.580,
119.286

■ 72, 82.643,
119.594

■ 75, 30.404,
119.858

■ 76, 20.008,
120.449

■ 77, 9.503, 121.039

■ 78, 1.037, 301.560

■ 79, 11.559,
302.142

■ 80, 22.024,
302.654

Harmonies

Complementary

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



73, 67.725, 118.133



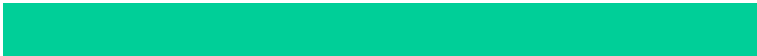
37, 80.026, 307.129

Rectangle

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



73, 67.725, 118.133



73, 67.725, 168.133



73, 67.725, 298.133



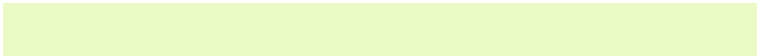
73, 67.725, 348.133

Sweetspot

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



73, 67.726, 118.135



96, 27.258, 120.313



52, 52.134, 47.458



51, 18.428, 120.148



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



73, 67.726, 118.135



91, 94.024, 118.378



70, 77.482, 134.386



41, 5.997, 121.019



61, 72.140, 119.402



11, 19.645, 123.498

Inverse Universe

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



37, 80.026, 307.129



40, 116.162, 308.118



46, 79.180, 320.821



38, 6.110, 302.104



21, 91.910, 308.335



2, 19.728, 299.005

Previews

White Background



This preview shows how the CIELCh color 73, 67.725, 118.133 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 73, 67.725, 118.133 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 73, 67.725, 118.133

Background



This preview shows how black text looks on a background with the CIELCh color 73, 67.725, 118.133.



This preview shows how white text looks on a background with the CIELCh color 73, 67.725, 118.133.

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](#).

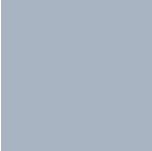
Dichromacy



Original Color
73, 67.725, 118.133

Protanopia
73, 62.346, 95.409

Deuteranopia
73, 58.742, 80.799



Tritanopia
73, 8.469, 263.420

Trichromacy



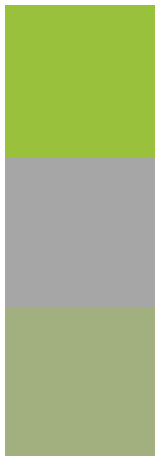
Original Color
73, 67.725, 118.133

Protanomaly
73, 63.084, 104.432

Deuteranomaly
72, 58.343, 95.654

Tritanomaly
73, 23.232, 129.843

Monochromacy



Original Color
73, 67.725, 118.133

Achromatopsia
68, 0.008, 296.813

Achromatomaly
70, 27.075, 119.633

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 67.725, 118.133 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, 193, 60)` looks like.

```
.text, #text, p{  
    color:rgb(154, 193, 60)  
}
```

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, 193, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 193, 60) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 67.725, 118.133 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, 193, 60) }
```

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

```
.border{ border-color:rgb(154, 193, 60) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 193, 60)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 193, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 193, 60);  
box-shadow:4px 4px 4px 4px rgb(154, 193,  
60) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 67.725, 118.133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 193, 60) }
```

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

```
.background{ background-color: rgb(154,  
193, 60) }
```

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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