

Converting Colors

CIELCh(69, 53.571, 110.855)

Have a look what the booklet for
CIELCh(69, 53.571, 110.855)
contains.

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Color

CIELCh(69, 53.571, 110.855)

Conversions

Conversions Part 1

Format	Color
Hex	A3B049
RGB	163, 176, 73
RGB Percent	64%, 69%, 29%
CMY	0.3606, 0.3096, 0.7135
CMYK	0.07, 0.00, 0.59, 0.31
HSL	68°, 41%, 49%
HSV	68°, 59%, 69%
XYZ	31.8546, 39.3444, 12.2271
YIQ	160.3710, 25.3150, -34.7890

Conversions

Conversions Part 2

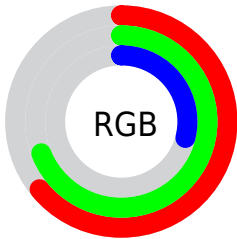
Format	Color
RYB	73, 176, 86
Decimal	10727497
CIELab	69.00, -19.07, 50.06
CIELCh	69, 53.571, 110.855
Yxy	39.3444, 0.3818, 0.4716
Android (android.graphics.Color)	4288917577 (0xFFA3B049)
YUV	160.3710, -43.0739, 2.3056
Hunter-Lab	62.7251, -19.1187, 32.3501

Details

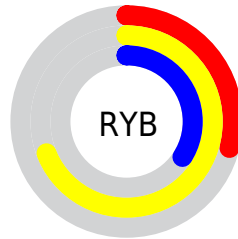
The CIELCh color **69, 53.571, 110.855** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **38, 62.930, 301.926**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **89, 53.947, 110.942**, and **49, 53.653, 110.874** is the 20% darker color. If you saturate the color by 10%, you get **69, 60.958, 110.379**, and if you desaturate by 10%, it is **69, 45.282, 111.477**.

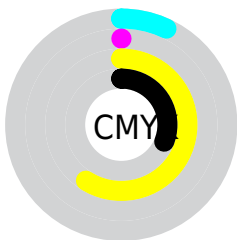
Distribution



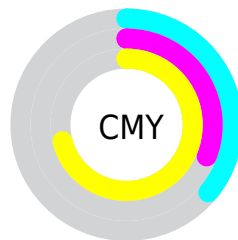
- Red (64%)
- Green (69%)
- Blue (29%)



- Red (29%)
- Yellow (69%)
- Blue (34%)



- Cyan (7%)
- Magenta (0%)
- Yellow (59%)
- Black (31%)





- Cyan (36%)
- Magenta (31%)
- Yellow (71%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 53.571, 110.855 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, 53.571, 110.855 by changing the saturation by 10% instead.


 69, 53.571,
110.855


 69, 53.571,
110.855


 100, 53.571,
110.855


 59, 53.571,
110.855


 89, 53.571,
110.855

 49, 53.571,
110.855

 99, 53.571,
110.855

 39, 53.571,
110.855

 29, 53.571,
110.855

 19, 53.571,
110.855

 9, 53.571, 110.855

 0, 53.571, 110.855

69, 53.571,
110.855

69, 53.571,
110.855

69, 60.958,
110.379

69, 45.282,
111.477

68, 67.026,
110.112

70, 36.409,
112.185

68, 71.347,
110.126

70, 27.176,
112.940

68, 73.871,
110.436

71, 17.729,
113.713

68, 74.206,
110.487

71, 8.167, 114.485

72, 1.446, 295.255

73, 11.066,
295.979

73, 20.662,
296.680

■ 74, 30.212,
297.346

Harmonies

Complementary

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



69, 53.571, 110.855



38, 62.930, 301.926

Rectangle

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



69, 53.571, 110.855



69, 53.571, 160.855



69, 53.571, 290.855



69, 53.571, 340.855

Sweetspot

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



69, 53.572, 110.857



90, 21.394, 113.728



47, 43.505, 34.121



47, 14.834, 113.507



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



69, 53.572, 110.857



87, 76.515, 110.283



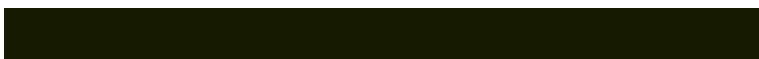
66, 59.763, 130.358



38, 5.499, 114.422



60, 66.899, 110.406



8, 13.443, 117.391

Inverse Universe

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



38, 62.930, 301.926



41, 94.476, 303.899



43, 63.386, 315.492



35, 5.616, 295.887



18, 90.615, 306.819



1, 13.359, 294.008

Previews

White Background



This preview shows how the CIELCh color 69, 53.571, 110.855 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, 53.571, 110.855 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

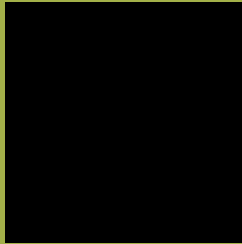
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 53.571, 110.855

Background



This preview shows how black text looks on a background with the CIELCh color 69, 53.571, 110.855.



This preview shows how white text looks on a background with the CIELCh color 69, 53.571, 110.855.

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
69, 53.571, 110.855

Protanopia
69, 51.528, 95.405

Deuteranopia
69, 49.476, 79.589



Tritanopia
69, 7.933, 315.768

Trichromacy



Original Color
69, 53.571, 110.855

Protanomaly
69, 51.669, 101.422

Deuteranomaly
69, 49.114, 91.500

Tritanomaly
69, 15.827, 107.093

Monochromacy



Original Color
69, 53.571, 110.855

Achromatopsia
66, 0.008, 296.813

Achromatomaly
67, 20.876, 113.606

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 53.571, 110.855 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(163, 176, 73)` looks like.

```
.text, #text, p{  
    color:rgb(163, 176, 73)  
}
```

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(163, 176, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 176, 73) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 53.571, 110.855 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(163, 176, 73) }
```

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

```
.border{ border-color:rgb(163, 176, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 176, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 176, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 176, 73);  
box-shadow:4px 4px 4px 4px rgb(163, 176,  
73) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 53.571, 110.855 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 176, 73) }
```

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

```
.background{ background-color: rgb(163,  
176, 73) }
```

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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