

Converting Colors

CIELCh(66, 79.723, 154.699)

Have a look what the booklet for
CIELCh(66, 79.723, 154.699)
contains.

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Color

CIELCh(67, 70.469, 149.382)

Conversions

Conversions Part 1

Format	Color
Hex	00BC5F
RGB	0, 188, 95
RGB Percent	0%, 74%, 37%
CMY	1.0000, 0.2641, 0.6286
CMYK	1.00, 0.00, 0.50, 0.26
HSL	150°, 100%, 37%
HSV	150°, 100%, 74%
XYZ	19.9434, 36.6320, 16.7730
YIQ	121.1860, -82.1950, -68.7790

Conversions

Conversions Part 2

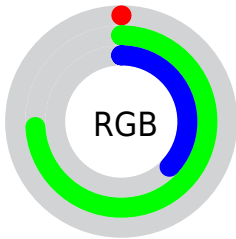
Format	Color
RYB	0, 125, 188
Decimal	48223
CIELab	67.00, -60.64, 35.89
CIELCh	67, 70.469, 149.382
Yxy	36.6320, 0.2719, 0.4994
Android (android.graphics.Color)	4278238303 (0xFF00BC5F)
YUV	121.1860, -12.9097, -106.2801
Hunter-Lab	60.5244, -47.1001, 25.9362

Details

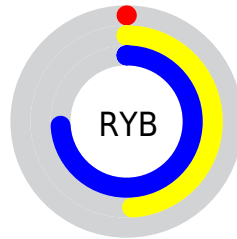
The CIELCh color **67, 70.469, 149.382** is a dark color, and the websafe version is hex **33CC66**. A complement of this color would be **40, 67.251, 2.490**, and the grayscale version is **51, 0.007, 296.813**.

A 20% lighter version of the original color is **87, 70.214, 149.449**, and **48, 62.329, 143.259** is the 20% darker color. If you saturate the color by 10%, you get **67, 70.422, 149.349**, and if you desaturate by 10%, it is **67, 66.104, 151.548**.

Distribution



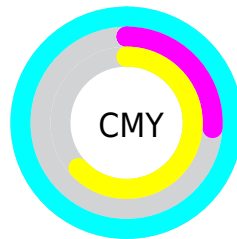
- Red (0%)
- Green (74%)
- Blue (37%)



- Red (0%)
- Yellow (49%)
- Blue (74%)



- Cyan (100%)
- Magenta (0%)
- Yellow (50%)
- Black (26%)





- Cyan (100%)
- Magenta (26%)
- Yellow (63%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 70.469, 149.382 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 67, 70.469, 149.382 by changing the saturation by 10% instead.

 67, 70.469,
149.382


 67, 70.469,
149.382


 100, 70.469,
149.382


 57, 70.469,
149.382


 87, 70.469,
149.382

 47, 70.469,
149.382

 97, 70.469,
149.382

 37, 70.469,
149.382

 27, 70.469,
149.382

 17, 70.469,
149.382

 7, 70.469, 149.382

 0, 70.469, 149.382

■ 67, 70.469,
149.382

■ 67, 70.469,
149.382

■ 67, 70.422,
149.349

■ 67, 66.104,
151.548

■ 68, 61.130,
153.636

■ 68, 55.360,
155.519

■ 69, 48.822,
157.192

■ 70, 41.604,
158.670

■ 71, 33.832,
159.976

■ 72, 25.650,
161.133

■ 73, 17.200,

162.167

■ 74, 8.611, 163.111

Harmonies

Complementary

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



67, 70.469, 149.382



40, 67.251, 2.490

Rectangle

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



67, 70.469, 149.382



67, 70.469, 199.382



67, 70.469, 329.382



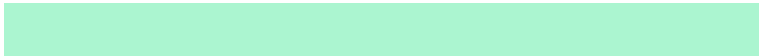
67, 70.469, 19.382

Sweetspot

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



67, 70.422, 149.349



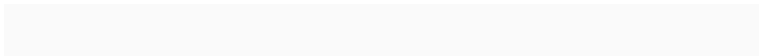
91, 31.818, 161.079



68, 86.651, 128.062



48, 21.612, 160.604



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



67, 70.422, 149.349



85, 86.703, 148.938



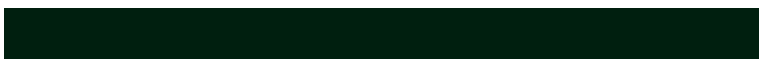
69, 39.800, 196.386



39, 4.902, 163.170



57, 61.626, 149.674



9, 16.558, 157.225

Inverse Universe

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



40, 67.251, 2.490



53, 82.016, 3.286



39, 83.050, 40.000



37, 4.965, 344.630



34, 59.301, 1.873



3, 13.913, 351.878

Previews

White Background



This preview shows how the CIELCh color 67, 70.469, 149.382 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 67, 70.469, 149.382 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 67, 70.469, 149.382

Background



This preview shows how black text looks on a background with the CIELCh color 67, 70.469, 149.382.



This preview shows how white text looks on a background with the CIELCh color 67, 70.469, 149.382.

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
67, 70.469, 149.382

Protanopia
67, 41.501, 95.996

Deuteranopia
67, 33.861, 75.911



Tritanopia
67, 30.350, 212.107

Trichromacy



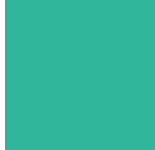
Original Color
67, 70.469, 149.382



Protanomaly
64, 49.919, 133.551



Deuteranomaly
64, 40.450, 131.988



Tritanomaly
67, 41.371, 176.470

Monochromacy



Original Color
67, 70.469, 149.382



Achromatopsia
51, 0.007, 296.813



Achromatomaly
55, 31.974, 158.979

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 70.469, 149.382 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(0, 188, 95)` looks like.

```
.text, #text, p{  
    color:rgb(0, 188, 95)  
}
```

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(0, 188, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 188, 95) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 70.469, 149.382 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(0, 188, 95) }
```

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

```
.border{ border-color:rgb(0, 188, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 188, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 188, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 188, 95);  
box-shadow:4px 4px 4px 4px rgb(0, 188, 95)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 67, 70.469, 149.382 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 188, 95) }
```

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

```
.background{ background-color: rgb(0, 188,  
95) }
```

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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