

Converting Colors

CIELCh(69, 82.130, 143.304)

Have a look what the booklet for
CIELCh(69, 82.130, 143.304)
contains.

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Color

CIELCh(69, 82.238, 143.306)

Conversions

Conversions Part 1

Format	Color
Hex	02C348
RGB	2, 195, 72
RGB Percent	1%, 76%, 28%
CMY	0.9911, 0.2367, 0.7190
CMYK	0.99, 0.00, 0.63, 0.24
HSL	142°, 98%, 39%
HSV	142°, 99%, 76%
XYZ	20.6202, 39.3444, 12.5804
YIQ	123.2710, -75.5450, -79.1690

Conversions

Conversions Part 2

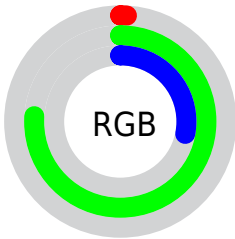
Format	Color
R_{YB}	2, 144, 195
Decimal	181064
CIE _{Lab}	69.00, -65.94, 49.14
CIE _{LCh}	69, 82.238, 143.306
Yxy	39.3444, 0.2842, 0.5423
Android (android.graphics.Color)	4278371144 (0xFF02C348)
YUV	123.2710, -25.2766, -106.3547
Hunter-Lab	62.7251, -51.0891, 32.0161

Details

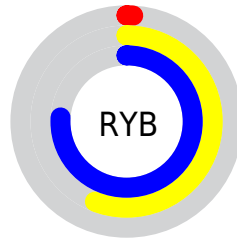
The CIELCh color **69, 82.238, 143.306** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed green. A complement of this color would be **43, 72.575, 349.421**, and the grayscale version is **52, 0.007, 296.813**.

A 20% lighter version of the original color is **89, 82.329, 143.425**, and **50, 74.563, 137.165** is the 20% darker color. If you saturate the color by 10%, you get **69, 82.806, 143.082**, and if you desaturate by 10%, it is **69, 77.064, 145.361**.

Distribution



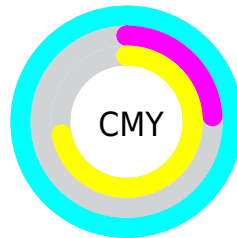
- Red (1%)
- Green (76%)
- Blue (28%)



- Red (1%)
- Yellow (56%)
- Blue (76%)



- Cyan (99%)
- Magenta (0%)
- Yellow (63%)
- Black (24%)





- Cyan (99%)
- Magenta (24%)
- Yellow (72%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 82.238, 143.306 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, 82.238, 143.306 by changing the saturation by 10% instead.

 69, 82.238,
143.306


 69, 82.238,
143.306


 100, 82.238,
143.306


 59, 82.238,
143.306


 89, 82.238,
143.306

 49, 82.238,
143.306

 99, 82.238,
143.306

 39, 82.238,
143.306

 29, 82.238,
143.306

 19, 82.238,
143.306

 9, 82.238, 143.306

 0, 82.238, 143.306

■ 69, 82.238,
143.306

■ 69, 82.238,
143.306

■ 69, 82.806,
143.082

■ 69, 77.064,
145.361

■ 70, 70.963,
147.334

■ 70, 63.902,
149.132

■ 71, 55.966,
150.735

■ 72, 47.297,
152.144

■ 73, 38.065,
153.376

■ 74, 28.448,
154.452

■ 76, 18.614,

155.397

■ 77, 8.708, 156.242

Harmonies

Complementary

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



69, 82.238, 143.306



43, 72.575, 349.421

Rectangle

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



69, 82.238, 143.306



69, 82.238, 193.306



69, 82.238, 323.306



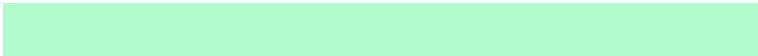
69, 82.238, 13.306

Sweetspot

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



69, 82.238, 143.306



93, 36.530, 154.286



72, 84.429, 122.147



49, 25.063, 153.831



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



69, 82.238, 143.306



87, 101.510, 142.727



71, 47.508, 176.339



40, 5.570, 156.199



58, 71.303, 143.409



10, 20.251, 151.694

Inverse Universe

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



43, 72.575, 349.421



55, 88.083, 350.173



41, 77.880, 32.635



38, 5.608, 337.488



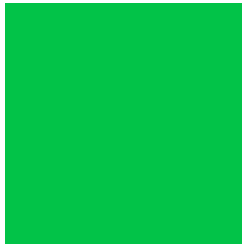
35, 63.184, 349.296



3, 17.369, 343.875

Previews

White Background



This preview shows how the CIE LCh color 69, 82.238, 143.306 looks on a white background.

Color Contrast Check

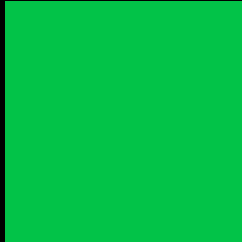
Large Text (above 18pt) WCAG AA × Fail

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, 82.238, 143.306 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, 82.238, 143.306

Background



This preview shows how black text looks on a background with the CIELCh color 69, 82.238, 143.306.

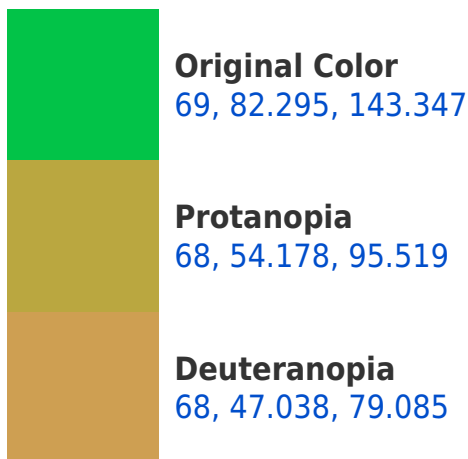


This preview shows how white text looks on a background with the CIELCh color 69, 82.238, 143.306.

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, 30.351, 213.170

Trichromacy



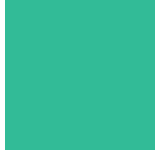
Original Color
69, 82.295, 143.347



Protanomaly
66, 61.662, 127.348



Deuteranomaly
66, 52.297, 123.874



Tritanomaly
68, 45.337, 169.948

Monochromacy



Original Color
69, 82.295, 143.347



Achromatopsia
52, 0.007, 296.813



Achromatomaly
56, 36.846, 152.357

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 82.238, 143.306 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(2, 195, 72)` looks like.

```
.text, #text, p{  
    color:rgb(2, 195, 72)  
}
```

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(2, 195, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(2, 195, 72) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 82.238, 143.306 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(2, 195, 72) }
```

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

```
.border{ border-color:rgb(2, 195, 72) }
```

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

Here you see how a box with a 4 pixel `rgb(2, 195, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(2, 195, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(2, 195, 72);  
box-shadow:4px 4px 4px 4px rgb(2, 195, 72)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 69, 82.238, 143.306 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(2, 195, 72) }
```

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

```
.background{ background-color: rgb(2, 195,  
72) }
```

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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