

Converting Colors

CIELCh(69, 89.032, 139.917)

Have a look what the booklet for
CIELCh(69, 89.032, 139.917)
contains.

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Color

CIELCh(69, 88.976, 139.908)

Conversions

Conversions Part 1

Format	Color
Hex	04C333
RGB	4, 195, 51
RGB Percent	2%, 76%, 20%
CMY	0.9860, 0.2348, 0.7995
CMYK	0.98, 0.00, 0.74, 0.23
HSL	135°, 96%, 39%
HSV	135°, 98%, 77%
XYZ	20.1855, 39.3444, 9.6759
YIQ	121.4750, -67.6120, -85.2760

Conversions

Conversions Part 2

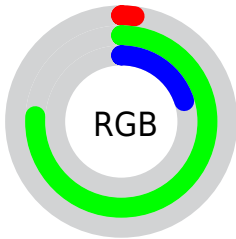
Format	Color
RYB	4, 157, 195
Decimal	312115
CIELab	69.00, -68.07, 57.30
CIELCh	69, 88.976, 139.908
Yxy	39.3444, 0.2917, 0.5685
Android (android.graphics.Color)	4278502195 (0xFF04C333)
YUV	121.4750, -34.7442, -103.0256
Hunter-Lab	62.7251, -52.3261, 34.7616

Details

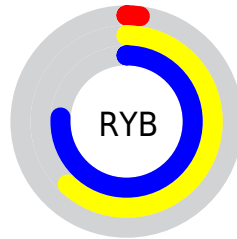
The CIELCh color **69, 88.976, 139.908** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **44, 77.964, 341.041**, and the grayscale version is **51, 0.007, 296.813**.

A 20% lighter version of the original color is **89, 89.050, 139.822**, and **50, 76.669, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **69, 89.830, 139.621**, and if you desaturate by 10%, it is **69, 83.724, 141.675**.

Distribution



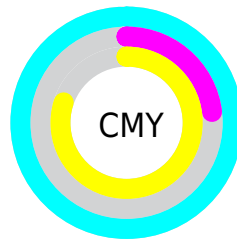
- Red (2%)
- Green (76%)
- Blue (20%)



- Red (2%)
- Yellow (62%)
- Blue (76%)



- Cyan (98%)
- Magenta (0%)
- Yellow (74%)
- Black (23%)



- Cyan (99%)
- Magenta (23%)
- Yellow (80%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 88.976, 139.908 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, 88.976, 139.908 by changing the saturation by 10% instead.

 69, 88.976,
139.908


 69, 88.976,
139.908

 100, 88.976,
139.908

 59, 88.976,
139.908

 89, 88.976,
139.908

 49, 88.976,
139.908

 99, 88.976,
139.908

 39, 88.976,
139.908

 29, 88.976,
139.908

 19, 88.976,
139.908

 9, 88.976, 139.908

 0, 88.976, 139.908

■ 69, 88.976,
139.908

■ 69, 88.976,
139.908

■ 69, 89.830,
139.621

■ 69, 83.724,
141.675

■ 70, 77.191,
143.445

■ 70, 69.460,
145.106

■ 71, 60.701,
146.611

■ 72, 51.117,
147.943

■ 73, 40.929,
149.106

■ 74, 30.351,
150.116

■ 76, 19.575,

150.993

■ 77, 8.762, 151.767

Harmonies

Complementary

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



69, 88.976, 139.908



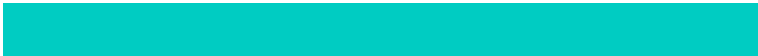
44, 77.964, 341.041

Rectangle

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



69, 88.976, 139.908



69, 88.976, 189.908



69, 88.976, 319.908



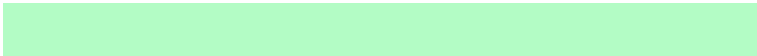
69, 88.976, 9.908

Sweetspot

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



69, 88.976, 139.909



93, 38.504, 149.995



73, 81.557, 116.408



49, 26.590, 149.565



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, 88.976, 139.909



87, 109.787, 139.331



70, 54.970, 164.893



40, 6.052, 151.678



58, 77.273, 139.898



10, 21.484, 148.973

Inverse Universe

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



44, 77.964, 341.041



57, 94.528, 341.563



41, 72.243, 23.344



38, 6.076, 332.846



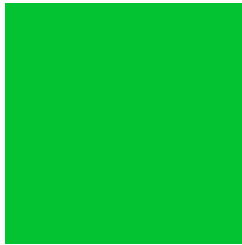
36, 67.774, 341.067



4, 19.132, 337.203

Previews

White Background



This preview shows how the CIELCh color 69, 88.976, 139.908 looks on a white background.

Color Contrast Check

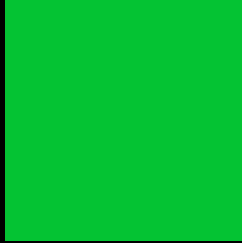
Large Text (above 18pt) WCAG AA × Fail

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, 88.976, 139.908 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, 88.976, 139.908

Background



This preview shows how black text looks on a background with the CIELCh color 69, 88.976, 139.908.



This preview shows how white text looks on a background with the CIELCh color 69, 88.976, 139.908.

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, 88.948, 139.888

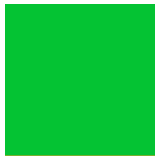
Protanopia
68, 62.075, 94.943

Deuteranopia
68, 54.949, 80.907



Tritanopia
69, 29.994, 213.389

Trichromacy



Original Color
69, 88.948, 139.888



Protanomaly
66, 68.659, 123.795



Deuteranomaly
66, 59.648, 120.163



Tritanomaly
68, 47.494, 165.907

Monochromacy



Original Color
69, 88.948, 139.888



Achromatopsia
51, 0.007, 296.813



Achromatomaly
56, 39.891, 148.487

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 88.976, 139.908 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(4, 195, 51)` looks like.

```
.text, #text, p{  
    color:rgb(4, 195, 51)  
}
```

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(4, 195, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(4, 195, 51) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 88.976, 139.908 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(4, 195, 51) }
```

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

```
.border{ border-color:rgb(4, 195, 51) }
```

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

Here you see how a box with a 4 pixel `rgb(4, 195, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(4, 195, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(4, 195, 51);  
box-shadow:4px 4px 4px 4px rgb(4, 195, 51)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 69, 88.976, 139.908 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(4, 195, 51) }
```

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

```
.background{ background-color: rgb(4, 195,  
51) }
```

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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