

Converting Colors

CIELCh(69, 90.081, 139.288)

Have a look what the booklet for
CIELCh(69, 90.081, 139.288)
contains.

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Color

CIELCh(69, 89.977, 139.299)

Conversions

Conversions Part 1

Format	Color
Hex	08C32F
RGB	8, 195, 47
RGB Percent	3%, 76%, 18%
CMY	0.9701, 0.2348, 0.8151
CMYK	0.96, 0.00, 0.76, 0.23
HSL	133°, 92%, 40%
HSV	133°, 96%, 77%
XYZ	20.1559, 39.3444, 9.2361
YIQ	122.2150, -63.9440, -85.6720

Conversions

Conversions Part 2

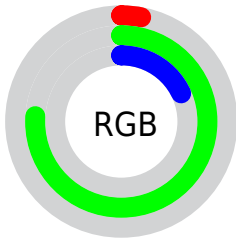
Format	Color
RYB	8, 163, 195
Decimal	574255
CIELab	69.00, -68.21, 58.68
CIELCh	69, 89.977, 139.299
Yxy	39.3444, 0.2932, 0.5724
Android (android.graphics.Color)	4278764335 (0xFF08C32F)
YUV	122.2150, -37.0810, -100.1666
Hunter-Lab	62.7251, -52.4104, 35.1772

Details

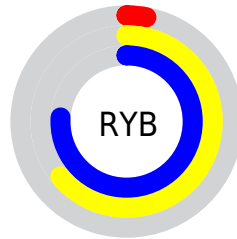
The CIELCh color **69, 89.977, 139.299** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **44, 79.934, 338.417**, and the grayscale version is **51, 0.007, 296.813**.

A 20% lighter version of the original color is **89, 89.978, 139.236**, and **50, 76.669, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **69, 91.742, 138.731**, and if you desaturate by 10%, it is **69, 84.579, 140.961**.

Distribution



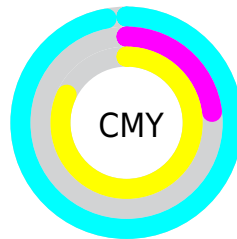
- Red (3%)
- Green (76%)
- Blue (18%)



- Red (3%)
- Yellow (64%)
- Blue (76%)



- Cyan (96%)
- Magenta (0%)
- Yellow (76%)
- Black (23%)




- Cyan (97%)
- Magenta (23%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 89.977, 139.299 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, 89.977, 139.299 by changing the saturation by 10% instead.

 69, 89.977,
139.299

 69, 89.977,
139.299

 100, 89.977,
139.299

 59, 89.977,
139.299

 89, 89.977,
139.299

 49, 89.977,
139.299

 99, 89.977,
139.299

 39, 89.977,
139.299

 29, 89.977,
139.299

 19, 89.977,
139.299

 9, 89.977, 139.299

 0, 89.977, 139.299

■ 69, 89.977,
139.299

■ 69, 89.977,
139.299

■ 69, 91.742,
138.731

■ 69, 84.579,
140.961

■ 70, 77.740,
142.629

■ 70, 69.625,
144.207

■ 71, 60.448,
145.642

■ 72, 50.446,
146.914

■ 73, 39.861,
148.025

■ 74, 28.916,
148.987

■ 76, 17.809,

149.822

■ 78, 6.701, 150.565

Harmonies

Complementary

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



69, 89.977, 139.299



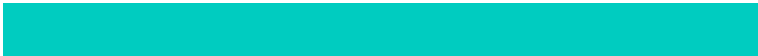
44, 79.934, 338.417

Rectangle

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



69, 89.977, 139.299



69, 89.977, 189.299



69, 89.977, 319.299



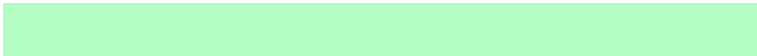
69, 89.977, 9.299

Sweetspot

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



69, 89.977, 139.300



93, 39.596, 148.679



74, 80.410, 114.484



49, 27.347, 148.258



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, 89.977, 139.300



87, 112.049, 138.470



70, 56.743, 162.582



40, 6.220, 150.326



58, 78.955, 138.983



10, 21.893, 148.157

Inverse Universe

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



44, 79.934, 338.417



57, 97.146, 339.071



41, 70.293, 19.293



38, 6.241, 331.460



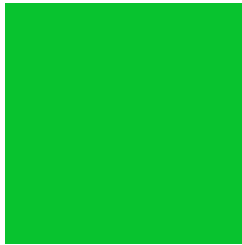
36, 69.612, 338.680



4, 19.826, 335.114

Previews

White Background



This preview shows how the CIELCh color 69, 89.977, 139.299 looks on a white background.

Color Contrast Check

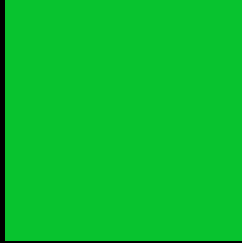
Large Text (above 18pt) WCAG AA × Fail

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, 89.977, 139.299 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, 89.977, 139.299

Background



This preview shows how black text looks on a background with the CIELCh color 69, 89.977, 139.299.



This preview shows how white text looks on a background with the CIELCh color 69, 89.977, 139.299.

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, 89.949, 139.278

Protanopia
68, 63.388, 94.980

Deuteranopia
68, 56.193, 81.275



Tritanopia
69, 29.812, 213.502

Trichromacy



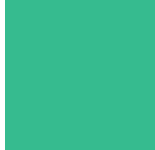
Original Color
69, 89.949, 139.278



Protanomaly
66, 69.780, 123.043



Deuteranomaly
66, 60.699, 119.396



Tritanomaly
68, 47.587, 165.220

Monochromacy



Original Color
69, 89.949, 139.278



Achromatopsia
51, 0.007, 296.813



Achromatomaly
56, 40.516, 147.223

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 89.977, 139.299 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(8, 195, 47)` looks like.

```
.text, #text, p{  
    color:rgb(8, 195, 47)  
}
```

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(8, 195, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(8, 195, 47) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 89.977, 139.299 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(8, 195, 47) }
```

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

```
.border{ border-color:rgb(8, 195, 47) }
```

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

Here you see how a box with a 4 pixel `rgb(8, 195, 47)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(8, 195, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(8, 195, 47);  
box-shadow:4px 4px 4px 4px rgb(8, 195, 47)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 69, 89.977, 139.299 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(8, 195, 47) }
```

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

```
.background{ background-color: rgb(8, 195,  
47) }
```

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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