

Converting Colors

CIELCh(68, 75.074, 155.153)

Have a look what the booklet for
CIELCh(68, 75.074, 155.153)
contains.

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Color

CIELCh(69, 69.014, 151.393)

Conversions

Conversions Part 1

Format	Color
Hex	02C169
RGB	2, 193, 105
RGB Percent	1%, 76%, 41%
CMY	0.9932, 0.2416, 0.5869
CMYK	0.99, 0.00, 0.46, 0.24
HSL	152°, 98%, 38%
HSV	152°, 99%, 76%
XYZ	21.7420, 39.3444, 19.9044
YIQ	125.8590, -85.5880, -67.8600

Conversions

Conversions Part 2

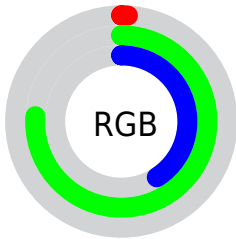
Format	Color
R_{YB}	2, 126, 193
Decimal	180585
CIE _{Lab}	69.00, -60.59, 33.04
CIE _{LCh}	69, 69.014, 151.393
Yxy	39.3444, 0.2685, 0.4858
Android (android.graphics.Color)	4278370665 (0xFF02C169)
YUV	125.8590, -10.2835, -108.6243
Hunter-Lab	62.7251, -47.8967, 25.0933

Details

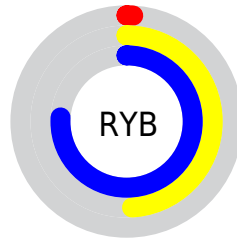
The CIELCh color **69, 69.014, 151.393** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark washed spring green. A complement of this color would be **41, 68.410, 5.680**, and the grayscale version is **53, 0.007, 296.813**.

A 20% lighter version of the original color is **89, 69.191, 151.191**, and **50, 60.983, 145.457** is the 20% darker color. If you saturate the color by 10%, you get **69, 69.379, 151.201**, and if you desaturate by 10%, it is **69, 64.823, 153.618**.

Distribution



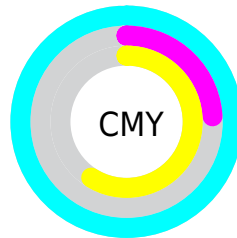
- Red (1%)
- Green (76%)
- Blue (41%)



- Red (1%)
- Yellow (49%)
- Blue (76%)



- Cyan (99%)
- Magenta (0%)
- Yellow (46%)
- Black (24%)





- Cyan (99%)
- Magenta (24%)
- Yellow (59%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 69.014, 151.393 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, 69.014, 151.393 by changing the saturation by 10% instead.


 69, 69.014,
151.393


 69, 69.014,
151.393


 100, 69.014,
151.393


 59, 69.014,
151.393


 89, 69.014,
151.393

 49, 69.014,
151.393

 99, 69.014,
151.393

 39, 69.014,
151.393

 29, 69.014,
151.393

 19, 69.014,
151.393

 9, 69.014, 151.393

 0, 69.014, 151.393

■ 69, 69.014,
151.393

■ 69, 69.014,
151.393

■ 69, 69.379,
151.201

■ 69, 64.823,
153.618

■ 70, 59.944,
155.699

■ 70, 54.262,
157.569

■ 71, 47.804,
159.232

■ 72, 40.655,
160.703

■ 73, 32.943,
162.007

■ 74, 24.808,
163.168

■ 75, 16.394,

164.212

■ 77, 7.829, 165.173

Harmonies

Complementary

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



69, 69.014, 151.393



41, 68.410, 5.680

Rectangle

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



69, 69.014, 151.393



69, 69.014, 201.393



69, 69.014, 331.393



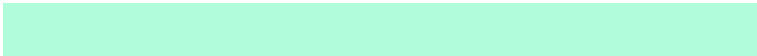
69, 69.014, 21.393

Sweetspot

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



69, 69.014, 151.393



94, 31.710, 163.015



70, 89.281, 129.071



50, 21.708, 162.524



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, 69.014, 151.393



88, 85.463, 150.798



69, 38.833, 201.756



40, 4.884, 165.148



58, 60.061, 151.547



10, 17.924, 158.288

Inverse Universe

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



41, 68.410, 5.680



54, 83.783, 6.911



41, 83.948, 40.072



38, 4.957, 346.656



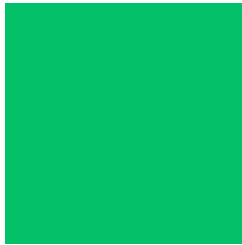
34, 59.777, 5.352



3, 15.500, 354.746

Previews

White Background



This preview shows how the CIE LCh color 69, 69.014, 151.393 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, 69.014, 151.393 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, 69.014, 151.393

Background



This preview shows how black text looks on a background with the CIELCh color 69, 69.014, 151.393.

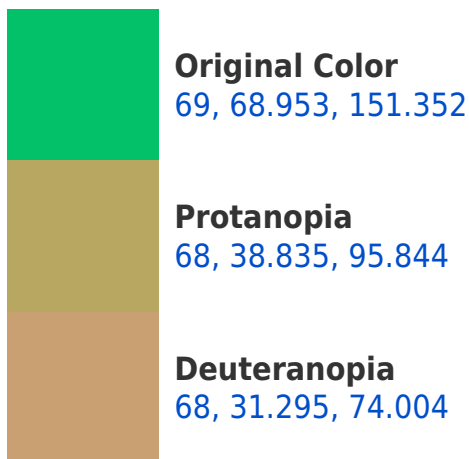


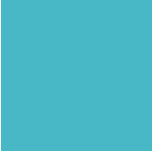
This preview shows how white text looks on a background with the CIELCh color 69, 69.014, 151.393.

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, 31.568, 212.449

Trichromacy



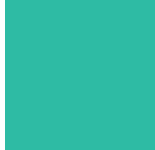
Original Color
69, 68.953, 151.352



Protanomaly
67, 48.260, 135.510



Deuteranomaly
66, 38.077, 134.285



Tritanomaly
69, 41.810, 178.432

Monochromacy



Original Color
69, 68.953, 151.352



Achromatopsia
53, 0.007, 296.813



Achromatomaly
57, 31.914, 160.535

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 69.014, 151.393 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, 193, 105)` looks like.

```
.text, #text, p{  
    color:rgb(2, 193, 105)  
}
```

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, 193, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(2, 193, 105) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 69.014, 151.393 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, 193, 105) }
```

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

```
.border{ border-color:rgb(2, 193, 105) }
```

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

Here you see how a box with a 4 pixel rgb(2, 193, 105) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(2, 193, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(2, 193, 105);  
box-shadow:4px 4px 4px 4px rgb(2, 193,  
105) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 69.014, 151.393 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(2, 193, 105) }
```

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

```
.background{ background-color: rgb(2, 193,  
105) }
```

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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