

Converting Colors

CIELCh(69, 62.546, 156.252)

Have a look what the booklet for
CIELCh(69, 62.546, 156.252)
contains.

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Color

CIELCh(69, 62.953, 155.986)

Conversions

Conversions Part 1

Format	Color
Hex	04C178
RGB	4, 193, 120
RGB Percent	2%, 76%, 47%
CMY	0.9833, 0.2446, 0.5308
CMYK	0.98, 0.00, 0.38, 0.24
HSL	157°, 96%, 39%
HSV	157°, 98%, 76%
XYZ	22.4067, 39.3444, 24.0712
YIQ	128.1670, -89.2110, -62.7710

Conversions

Conversions Part 2

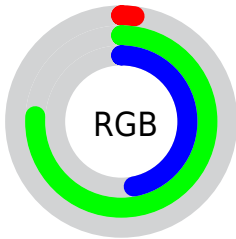
Format	Color
RYB	4, 121, 193
Decimal	311672
CIELab	69.00, -57.50, 25.62
CIELCh	69, 62.953, 155.986
Yxy	39.3444, 0.2611, 0.4584
Android (android.graphics.Color)	4278501752 (0xFF04C178)
YUV	128.1670, -4.0263, -108.8945
Hunter-Lab	62.7251, -46.0052, 21.1546

Details

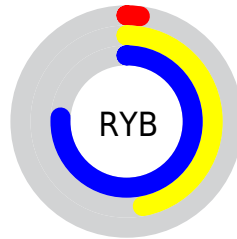
The CIELCh color **69, 62.953, 155.986** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **41, 68.304, 11.992**, and the grayscale version is **54, 0.007, 296.813**.

A 20% lighter version of the original color is **89, 63.140, 156.028**, and **50, 54.897, 150.480** is the 20% darker color. If you saturate the color by 10%, you get **69, 63.729, 155.511**, and if you desaturate by 10%, it is **69, 59.279, 158.188**.

Distribution



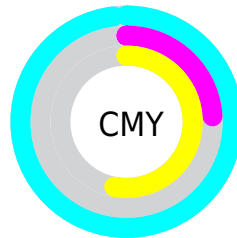
- Red (2%)
- Green (76%)
- Blue (47%)



- Red (2%)
- Yellow (47%)
- Blue (76%)



- Cyan (98%)
- Magenta (0%)
- Yellow (38%)
- Black (24%)




- Cyan (98%)
- Magenta (24%)
- Yellow (53%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 62.953, 155.986 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, 62.953, 155.986 by changing the saturation by 10% instead.

 69, 62.953,
155.986


 69, 62.953,
155.986


 100, 62.953,
155.986


 59, 62.953,
155.986

 89, 62.953,
155.986

 49, 62.953,
155.986

 99, 62.953,
155.986

 39, 62.953,
155.986

 29, 62.953,
155.986

 19, 62.953,
155.986

 9, 62.953, 155.986

 0, 62.953, 155.986

■ 69, 62.953,
155.986

■ 69, 62.953,
155.986

■ 69, 63.729,
155.511

■ 69, 59.279,
158.188

■ 70, 54.901,
160.213

■ 70, 49.736,
162.029

■ 71, 43.804,
163.646

■ 72, 37.186,
165.085

■ 73, 30.000,
166.371

■ 74, 22.380,
167.529

■ 75, 14.459,

168.583

■ 77, 6.361, 169.575

Harmonies

Complementary

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



69, 62.953, 155.986



41, 68.304, 11.992

Rectangle

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



69, 62.953, 155.986



69, 62.953, 205.986



69, 62.953, 335.986



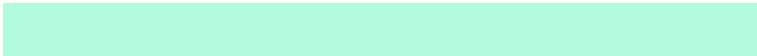
69, 62.953, 25.986

Sweetspot

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



69, 62.953, 155.986



93, 28.790, 167.344



69, 90.358, 130.828



49, 19.636, 166.852



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



69, 62.953, 155.986



87, 78.069, 155.117



65, 36.063, 213.880



40, 4.648, 169.419



58, 55.372, 155.847



10, 16.900, 162.099

Inverse Universe

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



41, 68.304, 11.992



53, 83.956, 14.002



41, 81.773, 40.671



38, 4.740, 350.996



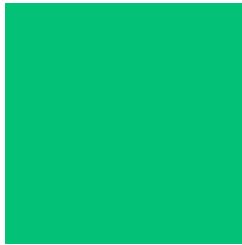
34, 60.103, 12.273



3, 15.026, 358.866

Previews

White Background



This preview shows how the CIE LCh color 69, 62.953, 155.986 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, 62.953, 155.986 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, 62.953, 155.986

Background



This preview shows how black text looks on a background with the CIELCh color 69, 62.953, 155.986.

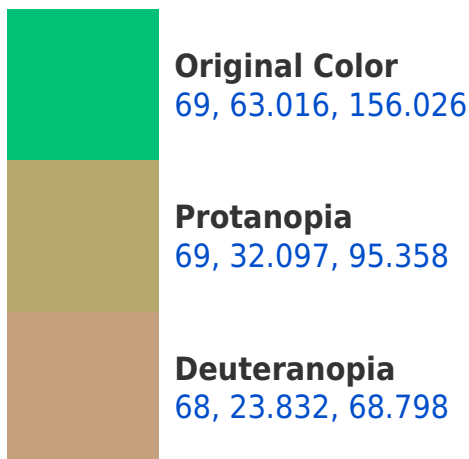


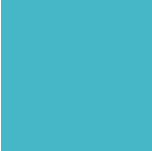
This preview shows how white text looks on a background with the CIELCh color 69, 62.953, 155.986.

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, 32.045, 212.184

Trichromacy



Original Color
69, 63.016, 156.026



Protanomaly
67, 41.349, 140.388



Deuteranomaly
66, 31.952, 141.557



Tritanomaly
68, 39.912, 183.439

Monochromacy



Original Color
69, 63.016, 156.026



Achromatopsia
54, 0.007, 296.813



Achromatomaly
58, 28.838, 165.873

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 62.953, 155.986 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, 193, 120)` looks like.

```
.text, #text, p{  
    color:rgb(4, 193, 120)  
}
```

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, 193, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(4, 193, 120) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 62.953, 155.986 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, 193, 120) }
```

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

```
.border{ border-color:rgb(4, 193, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(4, 193, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(4, 193, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(4, 193, 120);  
box-shadow:4px 4px 4px 4px rgb(4, 193,  
120) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 62.953, 155.986 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(4, 193, 120) }
```

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

```
.background{ background-color: rgb(4, 193,  
120) }
```

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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