

Converting Colors

CIELCh(69, 67.365, 152.291)

Have a look what the booklet for
CIELCh(69, 67.365, 152.291)
contains.

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Color

CIELCh(69, 67.201, 152.407)

Conversions

Conversions Part 1

Format	Color
Hex	08C16D
RGB	8, 193, 109
RGB Percent	3%, 76%, 43%
CMY	0.9668, 0.2427, 0.5722
CMYK	0.96, 0.00, 0.44, 0.24
HSL	153°, 92%, 40%
HSV	153°, 96%, 76%
XYZ	21.9628, 39.3444, 20.9300
YIQ	128.1090, -83.2960, -65.3440

Conversions

Conversions Part 2

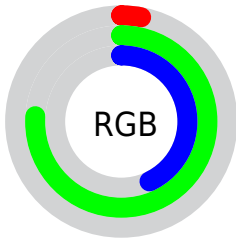
Format	Color
R_{YB}	8, 128, 193
Decimal	573805
CIE _{Lab}	69.00, -59.56, 31.13
CIE _{LCh}	69, 67.201, 152.407
Yxy	39.3444, 0.2671, 0.4784
Android (android.graphics.Color)	4278763885 (0xFF08C16D)
YUV	128.1090, -9.4207, -105.3356
Hunter-Lab	62.7251, -47.2684, 24.1237

Details

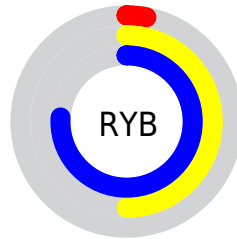
The CIELCh color **69, 67.201, 152.407** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark washed spring green. A complement of this color would be **42, 67.756, 4.575**, and the grayscale version is **54, 0.007, 296.813**.

A 20% lighter version of the original color is **89, 67.508, 152.215**, and **50, 59.396, 146.679** is the 20% darker color. If you saturate the color by 10%, you get **69, 68.969, 151.447**, and if you desaturate by 10%, it is **69, 62.857, 154.611**.

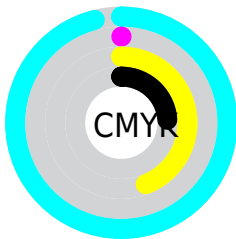
Distribution



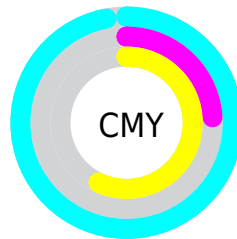
- Red (3%)
- Green (76%)
- Blue (43%)



- Red (3%)
- Yellow (50%)
- Blue (76%)



- Cyan (96%)
- Magenta (0%)
- Yellow (44%)
- Black (24%)




- Cyan (97%)
- Magenta (24%)
- Yellow (57%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 67.201, 152.407 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, 67.201, 152.407 by changing the saturation by 10% instead.

 69, 67.201,
152.407


 69, 67.201,
152.407

 100, 67.201,
152.407

 59, 67.201,
152.407

 89, 67.201,
152.407

 49, 67.201,
152.407

 99, 67.201,
152.407

 39, 67.201,
152.407

 29, 67.201,
152.407

 19, 67.201,
152.407

 9, 67.201, 152.407

 0, 67.201, 152.407

■ 69, 67.201,
152.407

■ 69, 67.201,
152.407

■ 69, 68.969,
151.447

■ 69, 62.857,
154.611

■ 70, 57.741,
156.619

■ 70, 51.825,
158.415

■ 71, 45.158,
160.008

■ 72, 37.842,
161.419

■ 73, 30.010,
162.670

■ 74, 21.804,
163.789

■ 76, 13.365,

164.801

■ 77, 4.812, 165.761

Harmonies

Complementary

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



69, 67.201, 152.407



42, 67.756, 4.575

Rectangle

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



69, 67.201, 152.407



69, 67.201, 202.407



69, 67.201, 332.407



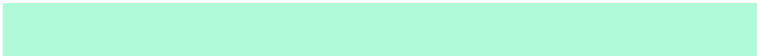
69, 67.201, 22.407

Sweetspot

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



69, 67.201, 152.407



93, 30.327, 163.375



70, 88.005, 128.723



49, 20.711, 162.889



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, 67.201, 152.407



87, 84.375, 151.055



69, 38.643, 201.599



40, 4.869, 165.397



58, 59.774, 151.790



10, 17.862, 158.498

Inverse Universe

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



42, 67.756, 4.575



54, 83.147, 7.318



41, 81.936, 39.182



38, 4.943, 346.910



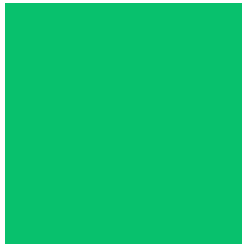
34, 59.767, 5.774



3, 15.467, 355.005

Previews

White Background



This preview shows how the CIE LCh color 69, 67.201, 152.407 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, 67.201, 152.407 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, 67.201, 152.407

Background



This preview shows how black text looks on a background with the CIELCh color 69, 67.201, 152.407.

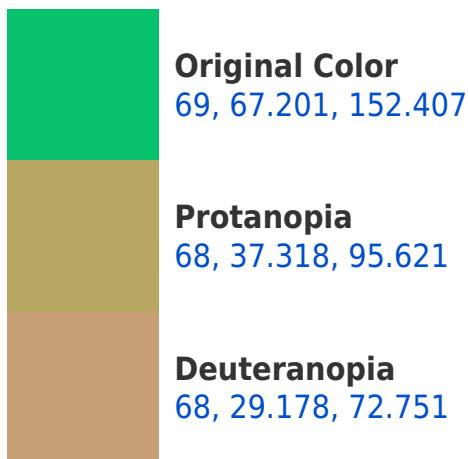


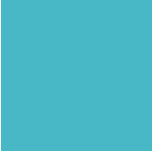
This preview shows how white text looks on a background with the CIELCh color 69, 67.201, 152.407.

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



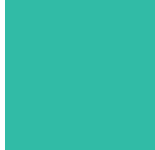
Original Color
69, 67.201, 152.407



Protanomaly
67, 45.283, 135.616



Deuteranomaly
66, 35.812, 134.846



Tritanomaly
69, 40.900, 179.712

Monochromacy



Original Color
69, 67.201, 152.407



Achromatopsia
54, 0.007, 296.813



Achromatomaly
58, 30.401, 161.299

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 67.201, 152.407 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, 193, 109)` looks like.

```
.text, #text, p{  
    color:rgb(8, 193, 109)  
}
```

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, 193, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(8, 193, 109) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 67.201, 152.407 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, 193, 109) }
```

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

```
.border{ border-color:rgb(8, 193, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(8, 193, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(8, 193, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(8, 193, 109);  
box-shadow:4px 4px 4px 4px rgb(8, 193,  
109) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 67.201, 152.407 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(8, 193, 109) }
```

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

```
.background{ background-color: rgb(8, 193,  
109) }
```

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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