

Converting Colors

CIELCh(69, 66.663, 153.178)

Have a look what the booklet for
CIELCh(69, 66.663, 153.178)
contains.

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Color

CIELCh(69, 66.632, 153.158)

Conversions

Conversions Part 1

Format	Color
Hex	01C16F
RGB	1, 193, 111
RGB Percent	0%, 76%, 44%
CMY	0.9942, 0.2427, 0.5643
CMYK	0.99, 0.00, 0.42, 0.24
HSL	154°, 98%, 38%
HSV	154°, 99%, 76%
XYZ	21.9853, 39.3444, 21.5010
YIQ	126.2440, -88.1100, -66.2060

Conversions

Conversions Part 2

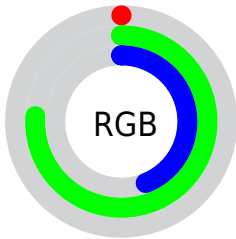
Format	Color
RYB	1, 123, 193
Decimal	115055
CIELab	69.00, -59.45, 30.09
CIElCh	69, 66.632, 153.158
Yxy	39.3444, 0.2654, 0.4750
Android (android.graphics.Color)	4278305135 (0xFF01C16F)
YUV	126.2440, -7.5153, -109.8390
Hunter-Lab	62.7251, -47.2043, 23.5840

Details

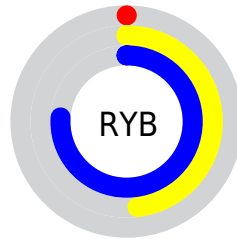
The CIELCh color **69, 66.632, 153.158** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark washed spring green. A complement of this color would be **41, 68.405, 8.771**, and the grayscale version is **53, 0.007, 296.813**.

A 20% lighter version of the original color is **89, 66.678, 153.310**, and **50, 58.591, 147.321** is the 20% darker color. If you saturate the color by 10%, you get **69, 66.926, 152.993**, and if you desaturate by 10%, it is **69, 62.687, 155.381**.

Distribution



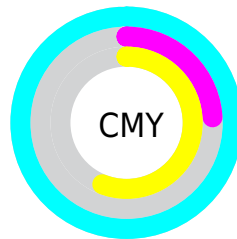
- Red (0%)
- Green (76%)
- Blue (44%)



- Red (0%)
- Yellow (48%)
- Blue (76%)



- Cyan (99%)
- Magenta (0%)
- Yellow (42%)
- Black (24%)





- Cyan (99%)
- Magenta (24%)
- Yellow (56%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 66.632, 153.158 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, 66.632, 153.158 by changing the saturation by 10% instead.


 69, 66.632,
153.158


 69, 66.632,
153.158


 100, 66.632,
153.158


 59, 66.632,
153.158


 89, 66.632,
153.158

 49, 66.632,
153.158

 99, 66.632,
153.158

 39, 66.632,
153.158

 29, 66.632,
153.158

 19, 66.632,
153.158

 9, 66.632, 153.158

 0, 66.632, 153.158

■ 69, 66.632,
153.158

■ 69, 66.632,
153.158

■ 69, 66.926,
152.993

■ 69, 62.687,
155.381

■ 70, 58.075,
157.458

■ 70, 52.670,
159.324

■ 71, 46.491,
160.985

■ 72, 39.618,
162.457

■ 73, 32.172,
163.766

■ 74, 24.289,
164.936

■ 75, 16.109,

165.994

■ 77, 7.760, 166.972

Harmonies

Complementary

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



69, 66.632, 153.158



41, 68.405, 8.771

Rectangle

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



69, 66.632, 153.158



69, 66.632, 203.158



69, 66.632, 333.158



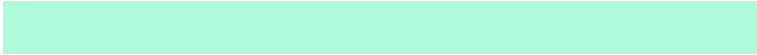
69, 66.632, 23.158

Sweetspot

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



69, 66.632, 153.158



93, 30.689, 164.799



70, 90.146, 130.059



49, 20.825, 164.310



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, 66.632, 153.158



87, 81.858, 152.601



67, 37.299, 207.685



40, 4.778, 166.959



58, 58.015, 153.337



10, 17.481, 159.848

Inverse Universe

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



41, 68.405, 8.771



53, 83.309, 9.993



41, 83.457, 40.472



38, 4.859, 348.500



34, 59.792, 8.367



3, 15.276, 356.571

Previews

White Background



This preview shows how the CIELCh color 69, 66.632, 153.158 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, 66.632, 153.158 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, 66.632, 153.158

Background



This preview shows how black text looks on a background with the CIELCh color 69, 66.632, 153.158.



This preview shows how white text looks on a background with the CIELCh color 69, 66.632, 153.158.

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](#).

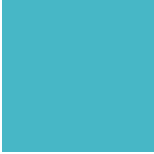
Dichromacy



Original Color
69, 66.632, 153.158

Protanopia
68, 36.301, 95.454

Deuteranopia
68, 28.260, 71.691



Tritanopia
69, 31.729, 212.359

Trichromacy



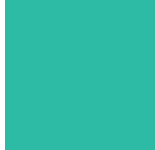
Original Color
69, 66.632, 153.158



Protanomaly
66, 44.957, 137.407



Deuteranomaly
66, 35.449, 137.195



Tritanomaly
69, 41.259, 179.830

Monochromacy



Original Color
69, 66.632, 153.158



Achromatopsia
53, 0.007, 296.813



Achromatomaly
57, 30.186, 163.461

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 66.632, 153.158 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(1, 193, 111)` looks like.

```
.text, #text, p{  
    color:rgb(1, 193, 111)  
}
```

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(1, 193, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 193, 111) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 66.632, 153.158 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(1, 193, 111) }
```

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

```
.border{ border-color:rgb(1, 193, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(1, 193, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 193, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(1, 193, 111);  
box-shadow:4px 4px 4px 4px rgb(1, 193,  
111) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 66.632, 153.158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(1, 193, 111) }
```

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

```
.background{ background-color: rgb(1, 193,  
111) }
```

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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