

Converting Colors

CIELCh(69, 57.297, 160.460)

Have a look what the booklet for
CIELCh(69, 57.297, 160.460)
contains.

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Color

CIELCh(69, 57.389, 160.442)

Conversions

Conversions Part 1

Format	Color
Hex	11C084
RGB	17, 192, 132
RGB Percent	7%, 75%, 52%
CMY	0.9332, 0.2482, 0.4834
CMYK	0.91, 0.00, 0.31, 0.25
HSL	159°, 84%, 41%
HSV	159°, 91%, 75%
XYZ	23.1606, 39.3444, 28.1039
YIQ	132.8350, -85.0400, -55.7600

Conversions

Conversions Part 2

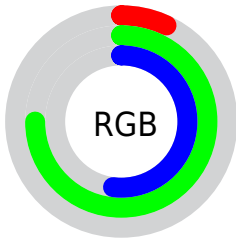
Format	Color
RYB	17, 123, 192
Decimal	1163396
CIELab	69.00, -54.08, 19.21
CIELCh	69, 57.389, 160.442
Yxy	39.3444, 0.2556, 0.4342
Android (android.graphics.Color)	4279353476 (0xFF11C084)
YUV	132.8350, -0.4117, -101.5873
Hunter-Lab	62.7251, -43.8595, 17.3428

Details

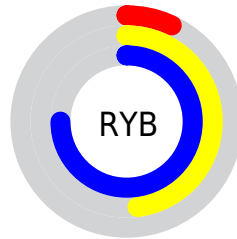
The CIELCh color **69, 57.389, 160.442** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **41, 66.791, 12.714**, and the grayscale version is **55, 0.007, 296.813**.

A 20% lighter version of the original color is **89, 57.231, 160.446**, and **50, 49.787, 155.295** is the 20% darker color. If you saturate the color by 10%, you get **69, 60.216, 158.519**, and if you desaturate by 10%, it is **69, 53.654, 162.490**.

Distribution



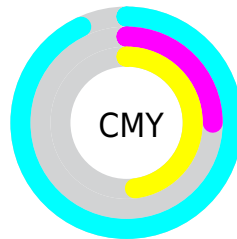
- Red (7%)
- Green (75%)
- Blue (52%)



- Red (7%)
- Yellow (48%)
- Blue (75%)



- Cyan (91%)
- Magenta (0%)
- Yellow (31%)
- Black (25%)



- Cyan (93%)
- Magenta (25%)
- Yellow (48%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 57.389, 160.442 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, 57.389, 160.442 by changing the saturation by 10% instead.

 69, 57.389,
160.442

 69, 57.389,
160.442

 100, 57.389,
160.442

 59, 57.389,
160.442

 89, 57.389,
160.442

 49, 57.389,
160.442

 99, 57.389,
160.442

 39, 57.389,
160.442

 29, 57.389,
160.442

 19, 57.389,
160.442

 9, 57.389, 160.442

 0, 57.389, 160.442

■ 69, 57.389,
160.442

■ 69, 57.389,
160.442

■ 69, 60.216,
158.519

■ 69, 53.654,
162.490

■ 70, 49.144,
164.334

■ 70, 43.852,
165.981

■ 71, 37.834,
167.452

■ 72, 31.190,
168.770

■ 73, 24.045,
169.960

■ 74, 16.531,
171.047

■ 76, 8.773, 172.061

Harmonies

Complementary

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



69, 57.389, 160.442



41, 66.791, 12.714

Rectangle

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



69, 57.389, 160.442



69, 57.389, 210.442



69, 57.389, 340.442



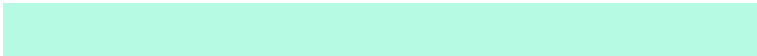
69, 57.389, 30.442

Sweetspot

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



69, 57.389, 160.442



93, 26.014, 170.371



69, 88.816, 131.505



49, 17.438, 169.988



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, 57.389, 160.442



87, 73.997, 158.124



63, 34.725, 222.345



40, 4.517, 172.235



58, 52.539, 158.841



10, 16.268, 164.873

Inverse Universe

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



41, 66.791, 12.714



53, 85.190, 18.257



43, 75.706, 41.218



38, 4.622, 353.840



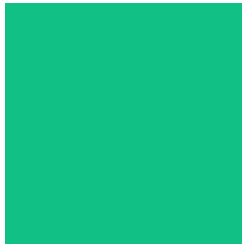
34, 60.806, 16.452



3, 14.798, 1.251

Previews

White Background



This preview shows how the CIELCh color 69, 57.389, 160.442 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, 57.389, 160.442 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, 57.389, 160.442

Background



This preview shows how black text looks on a background with the CIELCh color 69, 57.389, 160.442.

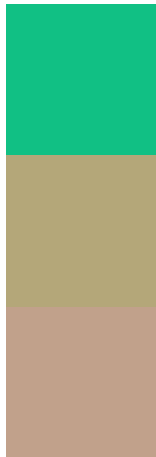


This preview shows how white text looks on a background with the CIELCh color 69, 57.389, 160.442.

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, 57.435, 160.469

Protanopia

69, 25.642, 95.286

Deuteranopia

69, 17.975, 61.914

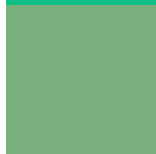


Tritanopia
69, 32.351, 212.018

Trichromacy



Original Color
69, 57.435, 160.469



Protanomaly
67, 35.127, 144.239



Deuteranomaly
66, 25.899, 147.509

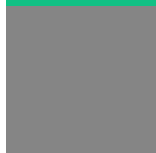


Tritanomaly
69, 38.508, 186.442

Monochromacy



Original Color
69, 57.435, 160.469



Achromatopsia
56, 0.007, 296.813



Achromatomaly
59, 25.800, 169.546

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 57.389, 160.442 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(17, 192, 132)` looks like.

```
.text, #text, p{  
    color:rgb(17, 192, 132)  
}
```

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(17, 192, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(17, 192, 132) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 57.389, 160.442 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(17, 192, 132) }
```

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

```
.border{ border-color:rgb(17, 192, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(17, 192, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(17, 192, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(17, 192, 132);  
box-shadow:4px 4px 4px 4px rgb(17, 192,  
132) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 57.389, 160.442 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(17, 192, 132) }
```

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

```
.background{ background-color: rgb(17, 192,  
132) }
```

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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