

Converting Colors

CIELCh(69, 47.541, 175.272)

Have a look what the booklet for
CIELCh(69, 47.541, 175.272)
contains.

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Color

CIELCh(69, 47.278, 175.298)

Conversions

Conversions Part 1

Format	Color
Hex	00BEA0
RGB	0, 190, 160
RGB Percent	0%, 75%, 63%
CMY	1.0000, 0.2551, 0.3727
CMYK	1.00, 0.00, 0.16, 0.26
HSL	171°, 100%, 37%
HSV	171°, 100%, 74%
XYZ	24.7436, 39.3444, 39.5298
YIQ	129.7700, -103.6100, -49.6100

Conversions

Conversions Part 2

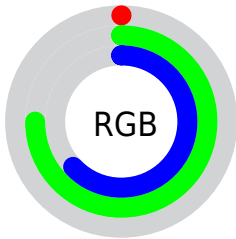
Format	Color
RYB	0, 103, 190
Decimal	48800
CIELab	69.00, -47.12, 3.88
CIElCh	69, 47.278, 175.298
Yxy	39.3444, 0.2388, 0.3797
Android (android.graphics.Color)	4278238880 (0xFF00BEA0)
YUV	129.7700, 14.9034, -113.8083
Hunter-Lab	62.7251, -39.3547, 6.5426

Details

The CIELCh color **69, 47.278, 175.298** is a dark color, and the websafe version is hex **33CC99**. A complement of this color would be **40, 76.664, 32.538**, and the grayscale version is **54, 0.007, 296.813**.

A 20% lighter version of the original color is **89, 47.127, 175.596**, and **50, 38.158, 172.108** is the 20% darker color. If you saturate the color by 10%, you get **69, 47.272, 175.295**, and if you desaturate by 10%, it is **69, 45.659, 176.858**.

Distribution



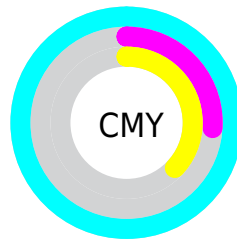
- Red (0%)
- Green (75%)
- Blue (63%)



- Red (0%)
- Yellow (40%)
- Blue (75%)



- Cyan (100%)
- Magenta (0%)
- Yellow (16%)
- Black (26%)



- Cyan (100%)
- Magenta (26%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 47.278, 175.298 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, 47.278, 175.298 by changing the saturation by 10% instead.

 69, 47.278,
175.298

 69, 47.278,
175.298

 100, 47.278,
175.298

 59, 47.278,
175.298

 89, 47.278,
175.298

 49, 47.278,
175.298

 99, 47.278,
175.298

 39, 47.278,
175.298

 29, 47.278,
175.298

 19, 47.278,
175.298

 9, 47.278, 175.298

 0, 47.278, 175.298

■ 69, 47.278,
175.298

■ 69, 47.278,
175.298

■ 69, 47.272,
175.295

■ 69, 45.659,
176.858

■ 69, 43.420,
178.309

■ 70, 40.369,
179.622

■ 70, 36.488,
180.818

■ 71, 31.815,
181.916

■ 72, 26.428,
182.939

■ 73, 20.436,
183.904

■ 74, 13.956,

184.827

■ 75, 7.107, 185.737

Harmonies

Complementary

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



69, 47.278, 175.298



40, 76.664, 32.538

Rectangle

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



69, 47.278, 175.298



69, 47.278, 225.298



69, 47.278, 355.298



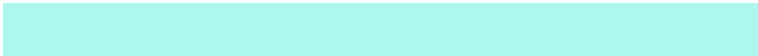
69, 47.278, 45.298

Sweetspot

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



69, 47.272, 175.295



92, 25.289, 183.858



67, 94.716, 135.031



49, 17.181, 183.451



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, 47.272, 175.295



88, 57.825, 175.009



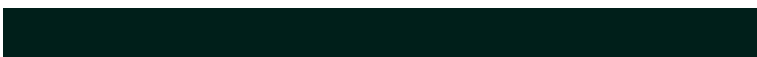
50, 41.572, 262.181



39, 4.010, 185.797



58, 41.156, 175.538



9, 12.741, 180.208

Inverse Universe

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



40, 76.664, 32.538



52, 94.330, 33.416



45, 74.463, 49.058



37, 4.178, 7.280



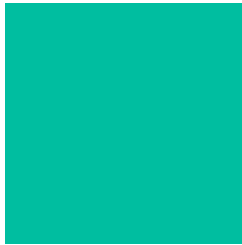
33, 66.413, 31.764



3, 12.431, 10.386

Previews

White Background



This preview shows how the CIELCh color 69, 47.278, 175.298 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 CIE LCh color 69, 47.278, 175.298 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

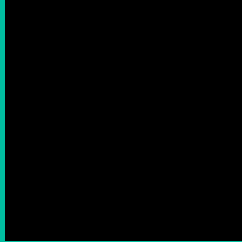
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 69, 47.278, 175.298

Background



This preview shows how black text looks on a background with the CIELCh color 69, 47.278, 175.298.

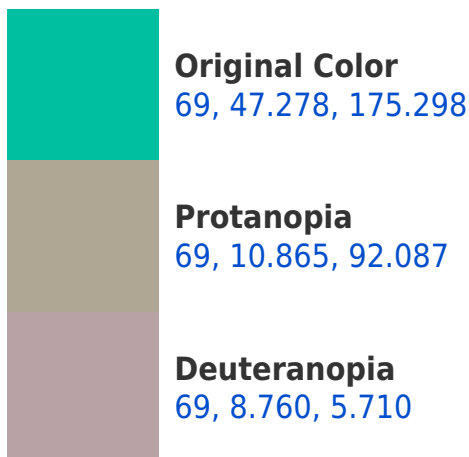


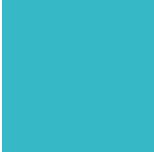
This preview shows how white text looks on a background with the CIELCh color 69, 47.278, 175.298.

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, 34.306, 211.011

Trichromacy



Original Color
69, 47.278, 175.298



Protanomaly
67, 26.329, 168.311



Deuteranomaly
66, 19.860, 184.786



Tritanomaly
69, 38.009, 195.652

Monochromacy



Original Color
69, 47.278, 175.298



Achromatopsia
54, 0.007, 296.813



Achromatomaly
58, 24.622, 182.345

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 47.278, 175.298 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(0, 190, 160)` looks like.

```
.text, #text, p{  
    color:rgb(0, 190, 160)  
}
```

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(0, 190, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 190, 160) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 47.278, 175.298 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(0, 190, 160) }
```

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

```
.border{ border-color:rgb(0, 190, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 190, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 190, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 190, 160);  
box-shadow:4px 4px 4px 4px rgb(0, 190,  
160) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 47.278, 175.298 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 190, 160) }
```

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

```
.background{ background-color: rgb(0, 190,  
160) }
```

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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