

Converting Colors

CIELCh(65, 39.282, 190.058)

Have a look what the booklet for
CIELCh(65, 39.282, 190.058)
contains.

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Color

CIELCh(65, 39.112, 190.481)

Conversions

Conversions Part 1

Format	Color
Hex	03B0A9
RGB	3, 176, 169
RGB Percent	1%, 69%, 66%
CMY	0.9874, 0.3088, 0.3363
CMYK	0.98, 0.00, 0.04, 0.31
HSL	178°, 96%, 35%
HSV	178°, 98%, 69%
XYZ	22.8014, 34.0472, 43.0311
YIQ	123.4750, -100.8610, -38.8530

Conversions

Conversions Part 2

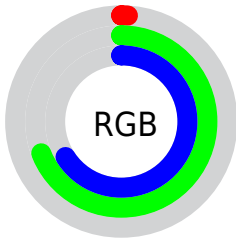
Format	Color
RYB	3, 91, 176
Decimal	241833
CIELab	65.00, -38.46, -7.11
CIELCh	65, 39.112, 190.481
Yxy	34.0472, 0.2283, 0.3409
Android (android.graphics.Color)	4278431913 (0xFF03B0A9)
YUV	123.4750, 22.4438, -105.6566
Hunter-Lab	58.3500, -32.3599, -2.8793

Details

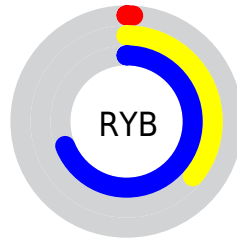
The CIELCh color **65, 39.112, 190.481** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **37, 76.542, 37.823**, and the grayscale version is **52, 0.007, 296.813**.

A 20% lighter version of the original color is **85, 38.949, 190.562**, and **46, 30.374, 189.416** is the 20% darker color. If you saturate the color by 10%, you get **65, 39.253, 190.382**, and if you desaturate by 10%, it is **65, 38.218, 191.021**.

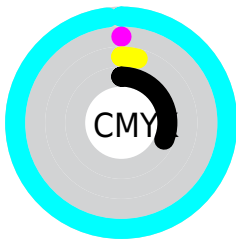
Distribution



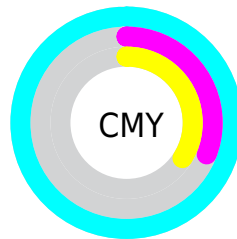
- Red (1%)
- Green (69%)
- Blue (66%)



- Red (1%)
- Yellow (36%)
- Blue (69%)



- Cyan (98%)
- Magenta (0%)
- Yellow (4%)
- Black (31%)





- Cyan (99%)
- Magenta (31%)
- Yellow (34%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 39.112, 190.481 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 65, 39.112, 190.481 by changing the saturation by 10% instead.


 65, 39.112,
190.481


 65, 39.112,
190.481


 100, 39.112,
190.481


 55, 39.112,
190.481


 85, 39.112,
190.481

 45, 39.112,
190.481


 95, 39.112,
190.481

 35, 39.112,
190.481

 25, 39.112,
190.481

 15, 39.112,
190.481

 5, 39.112, 190.481

 0, 39.112, 190.481

■ 65, 39.112,
190.481

■ 65, 39.112,
190.481

■ 65, 39.253,
190.382

■ 65, 38.218,
191.021

■ 65, 36.662,
191.550

■ 66, 34.316,
192.075

■ 66, 31.163,
192.606

■ 67, 27.229,
193.152

■ 68, 22.582,
193.719

■ 69, 17.310,
194.311

■ 70, 11.518,

194.931

■ 71, 5.310, 195.608

Harmonies

Complementary

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



65, 39.112, 190.481



37, 76.542, 37.823

Rectangle

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



65, 39.112, 190.481



65, 39.112, 240.481



65, 39.112, 10.481



65, 39.112, 60.481

Sweetspot

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



65, 39.112, 190.480



87, 21.980, 194.230



63, 90.078, 135.875



45, 14.838, 193.982



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



65, 39.112, 190.480



83, 47.847, 190.281



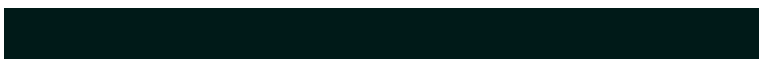
41, 48.450, 277.719



37, 3.708, 195.523



57, 35.350, 190.446



7, 9.200, 194.242

Inverse Universe

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



37, 76.542, 37.823



48, 94.950, 38.754



46, 65.041, 57.133



35, 3.912, 16.632



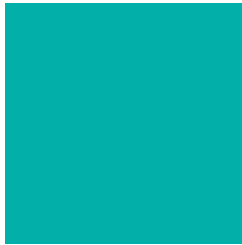
31, 69.433, 37.888



2, 9.171, 16.803

Previews

White Background



This preview shows how the CIELCh color 65, 39.112, 190.481 looks on a white background.

Color Contrast Check

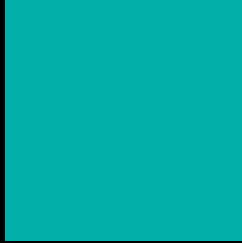
Large Text (above 18pt) WCAG AA × Fail

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 65, 39.112, 190.481 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

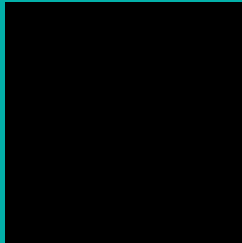
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

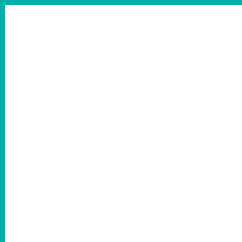
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 65, 39.112, 190.481

Background



This preview shows how black text looks on a background with the CIELCh color 65, 39.112, 190.481.

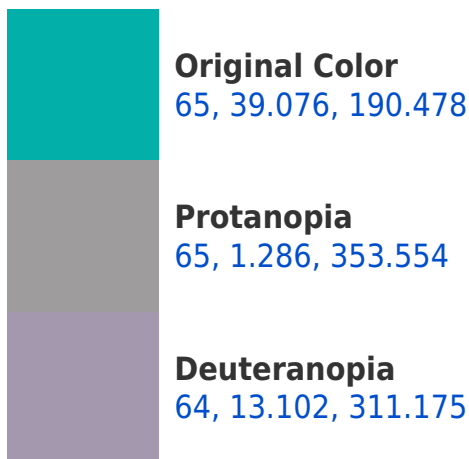


This preview shows how white text looks on a background with the CIELCh color 65, 39.112, 190.481.

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
65, 34.262, 210.112

Trichromacy



Original Color
65, 39.076, 190.478



Protanomaly
63, 20.799, 194.504



Deuteranomaly
63, 19.013, 216.997



Tritanomaly
65, 35.938, 201.975

Monochromacy



Original Color
65, 39.076, 190.478



Achromatopsia
52, 0.007, 296.813



Achromatomaly
55, 21.546, 192.735

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 39.112, 190.481 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(3, 176, 169)` looks like.

```
.text, #text, p{  
    color:rgb(3, 176, 169)  
}
```

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(3, 176, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(3, 176, 169) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 39.112, 190.481 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(3, 176, 169) }
```

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

```
.border{ border-color:rgb(3, 176, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(3, 176, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(3, 176, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(3, 176, 169);  
box-shadow:4px 4px 4px 4px rgb(3, 176,  
169) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 39.112, 190.481 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(3, 176, 169) }
```

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

```
.background{ background-color: rgb(3, 176,  
169) }
```

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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