

Converting Colors

CIELCh(69, 41.205, 190.720)

Have a look what the booklet for
CIELCh(69, 41.205, 190.720)
contains.

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Color

CIELCh(69, 41.064, 190.826)

Conversions

Conversions Part 1

Format	Color
Hex	00BCB5
RGB	0, 188, 181
RGB Percent	0%, 74%, 71%
CMY	0.9982, 0.2624, 0.2899
CMYK	1.00, 0.00, 0.04, 0.26
HSL	178°, 100%, 37%
HSV	178°, 100%, 74%
XYZ	26.3552, 39.3444, 49.9654
YIQ	130.9900, -109.8010, -42.0330

Conversions

Conversions Part 2

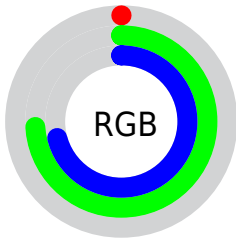
Format	Color
RYB	0, 96, 188
Decimal	48309
CIELab	69.00, -40.33, -7.71
CIELCh	69, 41.064, 190.826
Yxy	39.3444, 0.2279, 0.3402
Android (android.graphics.Color)	4278238389 (0xFF00BCB5)
YUV	130.9900, 24.6549, -114.8782
Hunter-Lab	62.7251, -34.7687, -3.3215

Details

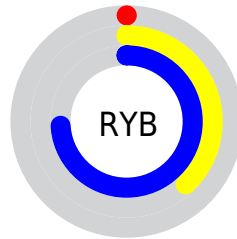
The CIELCh color **69, 41.064, 190.826** is a dark color, and the websafe version is hex **00CCCC**. A complement of this color would be **39, 81.439, 38.478**, and the grayscale version is **55, 0.007, 296.813**.

A 20% lighter version of the original color is **89, 41.041, 190.916**, and **50, 32.204, 189.915** is the 20% darker color. If you saturate the color by 10%, you get **69, 41.081, 190.813**, and if you desaturate by 10%, it is **69, 40.238, 191.335**.

Distribution



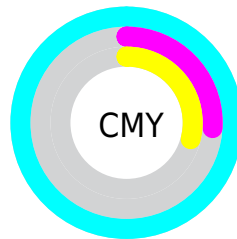
- Red (0%)
- Green (74%)
- Blue (71%)



- Red (0%)
- Yellow (38%)
- Blue (74%)



- Cyan (100%)
- Magenta (0%)
- Yellow (4%)
- Black (26%)




- Cyan (100%)
- Magenta (26%)
- Yellow (29%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 41.064, 190.826 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, 41.064, 190.826 by changing the saturation by 10% instead.

 69, 41.064,
190.826


 69, 41.064,
190.826


 100, 41.064,
190.826


 59, 41.064,
190.826


 89, 41.064,
190.826

 49, 41.064,
190.826

 99, 41.064,
190.826

 39, 41.064,
190.826

 29, 41.064,
190.826

 19, 41.064,
190.826

 9, 41.064, 190.826

 0, 41.064, 190.826

■ 69, 41.064,
190.826

■ 69, 41.064,
190.826

■ 69, 41.081,
190.813

■ 69, 40.238,
191.335

■ 69, 38.770,
191.836

■ 70, 36.478,
192.335

■ 70, 33.328,
192.844

■ 71, 29.343,
193.370

■ 72, 24.584,
193.920

■ 73, 19.145,
194.497

■ 74, 13.132,

195.104

■ 75, 6.658, 195.760

Harmonies

Complementary

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



69, 41.064, 190.826



39, 81.439, 38.478

Rectangle

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



69, 41.064, 190.826



69, 41.064, 240.826



69, 41.064, 10.826



69, 41.064, 60.826

Sweetspot

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



69, 41.064, 190.825



92, 23.842, 194.454



67, 94.962, 135.823



48, 16.001, 194.208



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



69, 41.064, 190.825



88, 50.097, 190.725



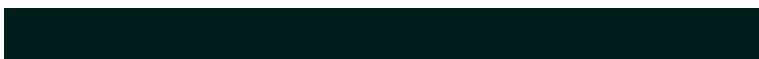
43, 51.846, 278.666



39, 3.879, 195.788



59, 36.113, 190.883



9, 11.849, 192.579

Inverse Universe

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



39, 81.439, 38.478



51, 99.934, 38.936



48, 69.260, 56.655



37, 4.097, 16.895



32, 71.366, 38.150



3, 12.266, 17.253

Previews

White Background



This preview shows how the CIELCh color 69, 41.064, 190.826 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, 41.064, 190.826 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

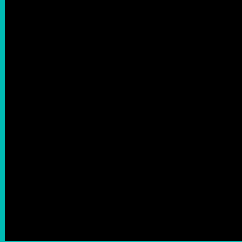
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

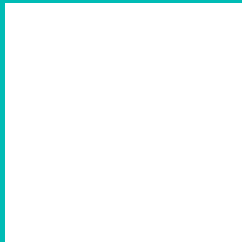
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 69, 41.064, 190.826

Background



This preview shows how black text looks on a background with the CIELCh color 69, 41.064, 190.826.

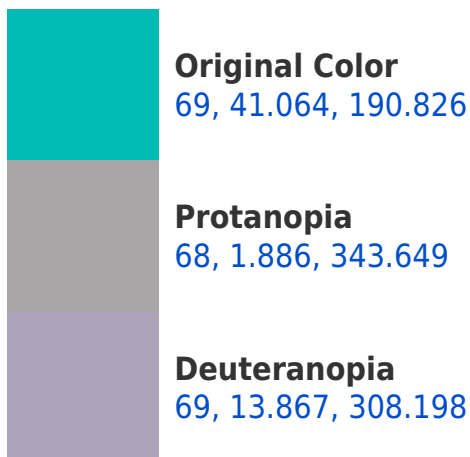


This preview shows how white text looks on a background with the CIELCh color 69, 41.064, 190.826.

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, 35.948, 210.240

Trichromacy



Original Color
69, 41.064, 190.826



Protanomaly
67, 22.048, 196.153



Deuteranomaly
67, 20.761, 218.346



Tritanomaly
69, 37.621, 202.533

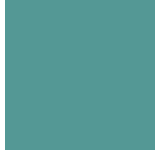
Monochromacy



Original Color
69, 41.064, 190.826



Achromatopsia
55, 0.007, 296.813



Achromatomaly
59, 22.871, 193.021

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 41.064, 190.826 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, 188, 181)` looks like.

```
.text, #text, p{  
    color:rgb(0, 188, 181)  
}
```

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, 188, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 188, 181) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 41.064, 190.826 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, 188, 181) }
```

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

```
.border{ border-color:rgb(0, 188, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 188, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 188, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 188, 181);  
box-shadow:4px 4px 4px 4px rgb(0, 188,  
181) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 41.064, 190.826 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 188, 181) }
```

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

```
.background{ background-color: rgb(0, 188,  
181) }
```

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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