

Converting Colors

CIELCh(64, 90.922, 186.438)

Have a look what the booklet for
CIELCh(64, 90.922, 186.438)
contains.

CIELCh(69, 44.130, 182.247)	3
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Color

CIELCh(69, 44.130, 182.247)

Conversions

Conversions Part 1

Format	Color
Hex	00BDAA
RGB	0, 189, 170
RGB Percent	0%, 74%, 67%
CMY	1.0000, 0.2582, 0.3326
CMYK	1.00, 0.00, 0.10, 0.26
HSL	174°, 100%, 37%
HSV	174°, 100%, 74%
XYZ	25.4532, 39.3444, 44.3747
YIQ	130.3230, -106.5450, -45.9770

Conversions

Conversions Part 2

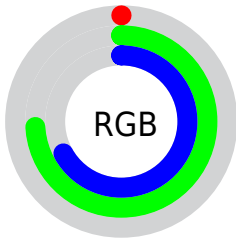
Format	Color
RYB	0, 100, 189
Decimal	48554
CIELab	69.00, -44.10, -1.73
CIELCh	69, 44.130, 182.247
Yxy	39.3444, 0.2331, 0.3604
Android (android.graphics.Color)	4278238634 (0xFF00BDAA)
YUV	130.3230, 19.5608, -114.2933
Hunter-Lab	62.7251, -37.3356, 1.9631

Details

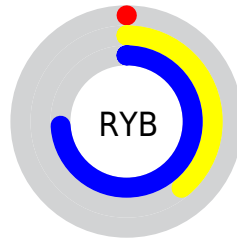
The CIELCh color **69, 44.130, 182.247** is a dark color, and the websafe version is hex **00CCCC**. A complement of this color would be **39, 79.278, 35.905**, and the grayscale version is **54, 0.007, 296.813**.

A 20% lighter version of the original color is **89, 43.979, 182.090**, and **50, 35.227, 179.437** is the 20% darker color. If you saturate the color by 10%, you get **69, 43.997, 182.214**, and if you desaturate by 10%, it is **69, 42.811, 183.358**.

Distribution



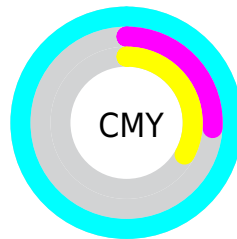
- Red (0%)
- Green (74%)
- Blue (67%)



- Red (0%)
- Yellow (39%)
- Blue (74%)



- Cyan (100%)
- Magenta (0%)
- Yellow (10%)
- Black (26%)



- Cyan (100%)
- Magenta (26%)
- Yellow (33%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 44.130, 182.247 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, 44.130, 182.247 by changing the saturation by 10% instead.

 69, 44.130,
182.247

 69, 44.130,
182.247

 100, 44.130,
182.247

 59, 44.130,
182.247

 89, 44.130,
182.247

 49, 44.130,
182.247

 99, 44.130,
182.247

 39, 44.130,
182.247

 29, 44.130,
182.247

 19, 44.130,
182.247

 9, 44.130, 182.247

 0, 44.130, 182.247

■ 69, 44.130,
182.247

■ 69, 44.130,
182.247

■ 69, 43.997,
182.214

■ 69, 42.811,
183.358

■ 69, 40.992,
184.427

■ 70, 38.351,
185.410

■ 70, 34.862,
186.325

■ 71, 30.557,
187.190

■ 72, 25.507,
188.021

■ 73, 19.812,
188.829

■ 74, 13.586,

189.626

■ 75, 6.945, 190.435

Harmonies

Complementary

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



69, 44.130, 182.247



39, 79.278, 35.905

Rectangle

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



69, 44.130, 182.247



69, 44.130, 232.247



69, 44.130, 2.247



69, 44.130, 52.247

Sweetspot

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



69, 43.997, 182.214



92, 24.391, 188.791



67, 94.950, 135.451



48, 16.403, 188.452



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, 43.997, 182.214



87, 53.494, 182.010



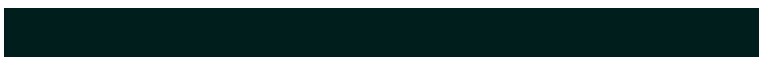
47, 45.581, 270.071



39, 3.933, 190.490



58, 38.471, 182.386



9, 12.263, 185.901

Inverse Universe

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



39, 79.278, 35.905



51, 97.021, 36.605



46, 72.193, 51.996



37, 4.124, 11.827



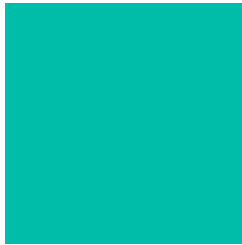
33, 68.919, 35.272



3, 12.330, 13.645

Previews

White Background



This preview shows how the CIELCh color 69, 44.130, 182.247 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, 44.130, 182.247 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

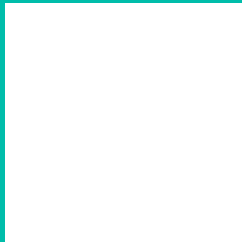
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 69, 44.130, 182.247

Background



This preview shows how black text looks on a background with the CIELCh color 69, 44.130, 182.247.

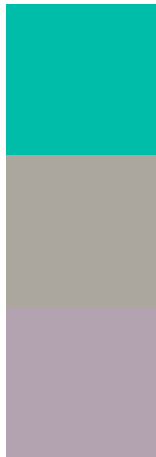


This preview shows how white text looks on a background with the CIELCh color 69, 44.130, 182.247.

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](#).

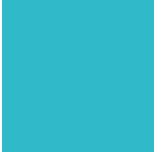
Dichromacy



Original Color
69, 43.982, 182.184

Protanopia
69, 5.282, 88.130

Deuteranopia
68, 10.042, 330.264



Tritanopia
69, 35.166, 210.596

Trichromacy



Original Color
69, 43.982, 182.184



Protanomaly
67, 24.075, 179.953



Deuteranomaly
67, 19.568, 201.081



Tritanomaly
69, 37.998, 198.201

Monochromacy



Original Color
69, 43.982, 182.184



Achromatopsia
54, 0.007, 296.813



Achromatomaly
58, 23.784, 187.531

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 44.130, 182.247 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, 189, 170)` looks like.

```
.text, #text, p{  
    color:rgb(0, 189, 170)  
}
```

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, 189, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 189, 170) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 44.130, 182.247 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, 189, 170) }
```

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

```
.border{ border-color:rgb(0, 189, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 189, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 189, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 189, 170);  
box-shadow:4px 4px 4px 4px rgb(0, 189,  
170) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 44.130, 182.247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 189, 170) }
```

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

```
.background{ background-color: rgb(0, 189,  
170) }
```

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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