

Converting Colors

CIELCh(69, 43.539, 182.579)

Have a look what the booklet for
CIELCh(69, 43.539, 182.579)
contains.

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Color

CIELCh(69, 43.459, 182.804)

Conversions

Conversions Part 1

Format	Color
Hex	08BDAB
RGB	8, 189, 171
RGB Percent	3%, 74%, 67%
CMY	0.9702, 0.2591, 0.3297
CMYK	0.96, 0.00, 0.10, 0.26
HSL	174°, 92%, 39%
HSV	174°, 96%, 74%
XYZ	25.6168, 39.3444, 44.7309
YIQ	132.8290, -102.0980, -43.9700

Conversions

Conversions Part 2

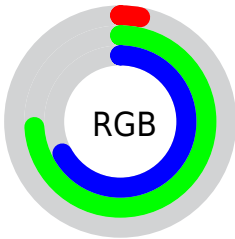
Format	Color
RYB	8, 103, 189
Decimal	572843
CIELab	69.00, -43.41, -2.13
CIELCh	69, 43.459, 182.804
Yxy	39.3444, 0.2335, 0.3587
Android (android.graphics.Color)	4278762923 (0xFF08BDAB)
YUV	132.8290, 18.8183, -109.4750
Hunter-Lab	62.7251, -36.8700, 1.6263

Details

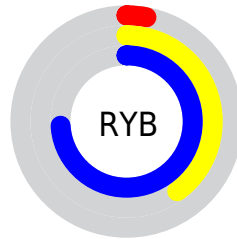
The CIELCh color **69, 43.459, 182.804** is a dark color, and the websafe version is hex **00CCCC**. A complement of this color would be **40, 76.934, 34.416**, and the grayscale version is **55, 0.007, 296.813**.

A 20% lighter version of the original color is **89, 43.575, 182.689**, and **50, 34.931, 180.322** is the 20% darker color. If you saturate the color by 10%, you get **69, 43.905, 182.346**, and if you desaturate by 10%, it is **69, 42.092, 183.919**.

Distribution



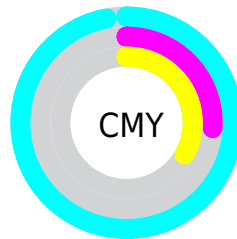
- Red (3%)
- Green (74%)
- Blue (67%)



- Red (3%)
- Yellow (40%)
- Blue (74%)



- Cyan (96%)
- Magenta (0%)
- Yellow (10%)
- Black (26%)



- Cyan (97%)
- Magenta (26%)
- Yellow (33%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 43.459, 182.804 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, 43.459, 182.804 by changing the saturation by 10% instead.

 69, 43.459,
182.804


 69, 43.459,
182.804


 100, 43.459,
182.804


 59, 43.459,
182.804


 89, 43.459,
182.804

 49, 43.459,
182.804

 99, 43.459,
182.804

 39, 43.459,
182.804

 29, 43.459,
182.804

 19, 43.459,
182.804

 9, 43.459, 182.804

 0, 43.459, 182.804

■ 69, 43.459,
182.804

■ 69, 43.459,
182.804

■ 69, 43.905,
182.346

■ 69, 42.092,
183.919

■ 69, 39.957,
184.943

■ 70, 36.984,
185.890

■ 70, 33.170,
186.778

■ 71, 28.565,
187.623

■ 72, 23.252,
188.440

■ 73, 17.340,
189.239

■ 74, 10.943,

190.033

■ 76, 4.175, 190.876

Harmonies

Complementary

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



69, 43.459, 182.804



40, 76.934, 34.416

Rectangle

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



69, 43.459, 182.804



69, 43.459, 232.804



69, 43.459, 2.804



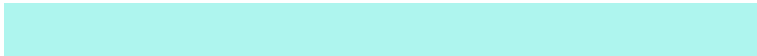
69, 43.459, 52.804

Sweetspot

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



69, 43.459, 182.803



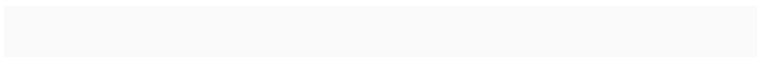
92, 23.644, 188.961



67, 93.932, 135.617



48, 15.993, 188.620



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, 43.459, 182.803



87, 53.431, 182.143



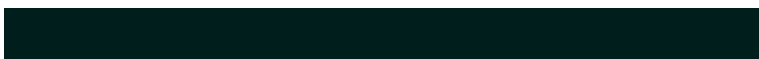
47, 45.484, 270.508



39, 3.932, 190.574



58, 38.428, 182.516



9, 12.255, 186.005

Inverse Universe

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



40, 76.934, 34.416



51, 97.078, 36.653



48, 69.096, 53.769



37, 4.124, 11.908



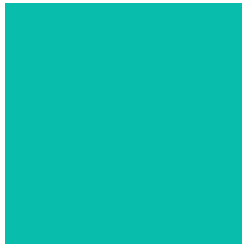
33, 68.962, 35.326



3, 12.329, 13.703

Previews

White Background



This preview shows how the CIELCh color 69, 43.459, 182.804 looks on a white background.

Color Contrast Check

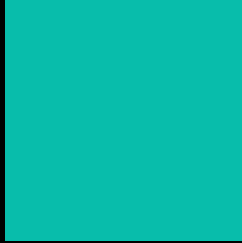
Large Text (above 18pt) WCAG AA × Fail

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, 43.459, 182.804 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

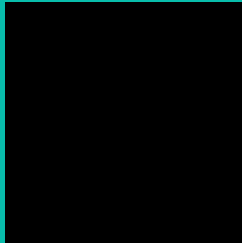
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 43.459, 182.804

Background



This preview shows how black text looks on a background with the CIELCh color 69, 43.459, 182.804.

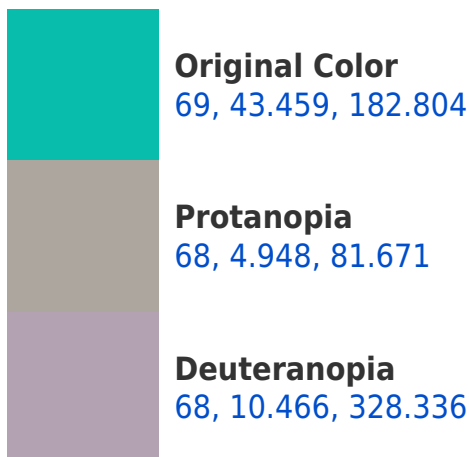


This preview shows how white text looks on a background with the CIELCh color 69, 43.459, 182.804.

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, 35.166, 210.596

Trichromacy



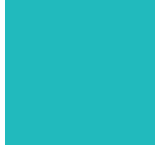
Original Color
69, 43.459, 182.804



Protanomaly
67, 22.502, 181.764



Deuteranomaly
67, 18.657, 203.041



Tritanomaly
69, 37.550, 199.102

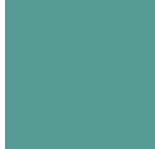
Monochromacy



Original Color
69, 43.459, 182.804



Achromatopsia
56, 0.007, 296.813



Achromatomaly
59, 22.806, 188.685

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 43.459, 182.804 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(8, 189, 171)` looks like.

```
.text, #text, p{  
    color:rgb(8, 189, 171)  
}
```

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(8, 189, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(8, 189, 171) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 43.459, 182.804 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(8, 189, 171) }
```

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

```
.border{ border-color:rgb(8, 189, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(8, 189, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(8, 189, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(8, 189, 171);  
box-shadow:4px 4px 4px 4px rgb(8, 189,  
171) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 43.459, 182.804 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(8, 189, 171) }
```

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

```
.background{ background-color: rgb(8, 189,  
171) }
```

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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