

Converting Colors

CIELCh(69, 39.044, 186.003)

Have a look what the booklet for
CIELCh(69, 39.044, 186.003)
contains.

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Color

CIELCh(69, 38.808, 186.519)

Conversions

Conversions Part 1

Format	Color
Hex	30BBAF
RGB	48, 187, 175
RGB Percent	19%, 73%, 69%
CMY	0.8108, 0.2660, 0.3131
CMYK	0.74, 0.00, 0.06, 0.27
HSL	175°, 59%, 46%
HSV	175°, 74%, 73%
XYZ	26.7882, 39.3444, 46.8205
YIQ	144.0710, -78.9920, -33.2000

Conversions

Conversions Part 2

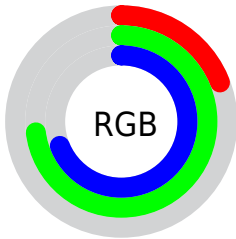
Format	Color
RYB	48, 121, 187
Decimal	3193775
CIELab	69.00, -38.56, -4.41
CIELCh	69, 38.808, 186.519
Yxy	39.3444, 0.2372, 0.3483
Android (android.graphics.Color)	4281383855 (0xFF30BBAF)
YUV	144.0710, 15.2480, -84.2543
Hunter-Lab	62.7251, -33.5364, -0.3488

Details

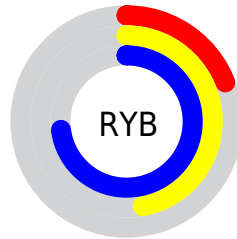
The CIELCh color **69, 38.808, 186.519** is a dark color, and the websafe version is hex **33CCCC**. A complement of this color would be **43, 61.514, 25.884**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **89, 39.032, 186.041**, and **50, 32.975, 185.800** is the 20% darker color. If you saturate the color by 10%, you get **69, 40.993, 185.604**, and if you desaturate by 10%, it is **69, 35.783, 187.372**.

Distribution



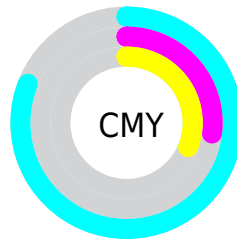
- Red (19%)
- Green (73%)
- Blue (69%)



- Red (19%)
- Yellow (47%)
- Blue (73%)



- Cyan (74%)
- Magenta (0%)
- Yellow (6%)
- Black (27%)





- Cyan (81%)
- Magenta (27%)
- Yellow (31%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 38.808, 186.519 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, 38.808, 186.519 by changing the saturation by 10% instead.

 69, 38.808,
186.519

 69, 38.808,
186.519


 100, 38.808,
186.519

 59, 38.808,
186.519


 89, 38.808,
186.519

 49, 38.808,
186.519

 99, 38.808,
186.519

 39, 38.808,
186.519

 29, 38.808,
186.519

 19, 38.808,
186.519

 9, 38.808, 186.519

 0, 38.808, 186.519

69, 38.808,
186.519

69, 38.808,
186.519

69, 40.993,
185.604

69, 35.783,
187.372

69, 42.393,
184.614

70, 31.926,
188.183

68, 42.984,
184.022

71, 27.289,
188.966

72, 21.961,
189.732

73, 16.048,
190.491

74, 9.665, 191.257

75, 2.923, 192.118

77, 4.075, 12.553

Harmonies

Complementary

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



69, 38.808, 186.519



43, 61.514, 25.884

Rectangle

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



69, 38.808, 186.519



69, 38.808, 236.519



69, 38.808, 6.519



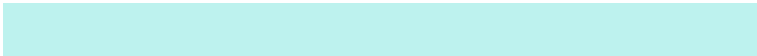
69, 38.808, 56.519

Sweetspot

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



69, 38.808, 186.518



92, 18.072, 190.633



67, 82.131, 136.335



49, 12.148, 190.426



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, 38.808, 186.518



87, 50.910, 184.998



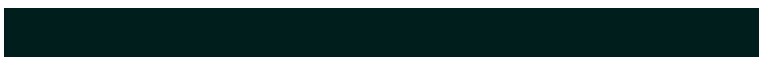
53, 36.762, 260.469



39, 3.918, 191.643



59, 37.895, 184.167



9, 12.162, 187.331

Inverse Universe

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



43, 61.514, 25.884



52, 89.284, 32.719



53, 53.167, 56.963



37, 4.116, 12.936



33, 69.493, 35.988



3, 12.312, 14.436

Previews

White Background



This preview shows how the CIELCh color 69, 38.808, 186.519 looks on a white background.

Color Contrast Check

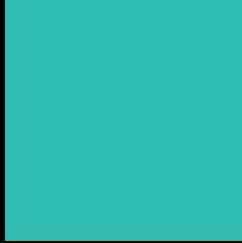
Large Text (above 18pt) WCAG AA × Fail

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, 38.808, 186.519 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

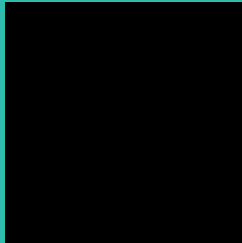
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

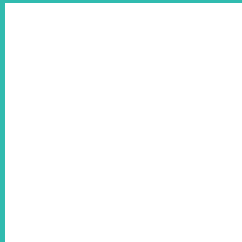
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 69, 38.808, 186.519

Background



This preview shows how black text looks on a background with the CIELCh color 69, 38.808, 186.519.

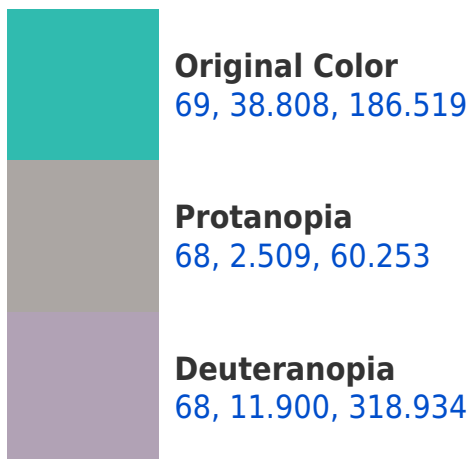


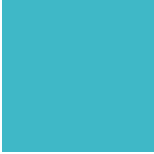
This preview shows how white text looks on a background with the CIELCh color 69, 38.808, 186.519.

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, 33.126, 211.601

Trichromacy



Original Color
69, 38.808, 186.519



Protanomaly
68, 17.509, 185.150



Deuteranomaly
67, 14.662, 215.961

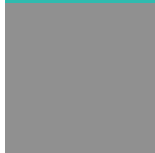


Tritanomaly
69, 34.445, 201.421

Monochromacy



Original Color
69, 38.808, 186.519



Achromatopsia
60, 0.008, 296.813



Achromatomaly
62, 18.261, 188.909

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 38.808, 186.519 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(48, 187, 175)` looks like.

```
.text, #text, p{  
    color:rgb(48, 187, 175)  
}
```

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(48, 187, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(48, 187, 175) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 38.808, 186.519 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(48, 187, 175) }
```

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

```
.border{ border-color:rgb(48, 187, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(48, 187, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(48, 187, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(48, 187, 175);  
box-shadow:4px 4px 4px 4px rgb(48, 187,  
175) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 38.808, 186.519 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(48, 187, 175) }
```

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

```
.background{ background-color: rgb(48, 187,  
175) }
```

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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