

Converting Colors

CIELCh(67, 38.948, 176.231)

Have a look what the booklet for
CIELCh(67, 38.948, 176.231)
contains.

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Color

CIELCh(67, 38.808, 176.212)

Conversions

Conversions Part 1

Format	Color
Hex	3EB59D
RGB	62, 181, 157
RGB Percent	24%, 71%, 62%
CMY	0.7556, 0.2892, 0.3833
CMYK	0.66, 0.00, 0.13, 0.29
HSL	168°, 49%, 48%
HSV	168°, 66%, 71%
XYZ	24.6914, 36.6320, 37.7804
YIQ	142.6830, -63.2200, -32.6920

Conversions

Conversions Part 2

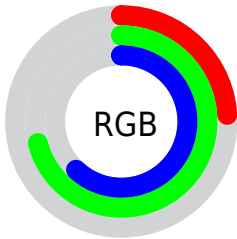
Format	Color
RYB	62, 128, 181
Decimal	4109725
CIELab	67.00, -38.72, 2.56
CIELCh	67, 38.808, 176.212
Yxy	36.6320, 0.2491, 0.3696
Android (android.graphics.Color)	4282299805 (0xFF3EB59D)
YUV	142.6830, 7.0583, -70.7590
Hunter-Lab	60.5244, -33.0972, 5.3572

Details

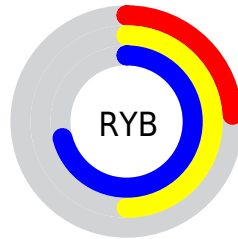
The CIELCh color **67, 38.808, 176.212** is a dark color, and the websafe version is hex **33CCCC**. A complement of this color would be **44, 51.371, 14.066**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **87, 39.230, 175.618**, and **47, 35.272, 175.073** is the 20% darker color. If you saturate the color by 10%, you get **67, 42.434, 174.786**, and if you desaturate by 10%, it is **68, 34.414, 177.501**.

Distribution



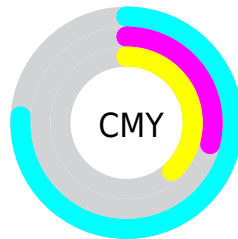
- Red (24%)
- Green (71%)
- Blue (62%)



- Red (24%)
- Yellow (50%)
- Blue (71%)



- Cyan (66%)
- Magenta (0%)
- Yellow (13%)
- Black (29%)



- Cyan (76%)
- Magenta (29%)
- Yellow (38%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 38.808, 176.212 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 67, 38.808, 176.212 by changing the saturation by 10% instead.

 67, 38.808,
176.212

 67, 38.808,
176.212

 100, 38.808,
176.212

 57, 38.808,
176.212

 87, 38.808,
176.212

 47, 38.808,
176.212

 97, 38.808,
176.212

 37, 38.808,
176.212

 27, 38.808,
176.212

 17, 38.808,
176.212

 7, 38.808, 176.212

 0, 38.808, 176.212

■ 67, 38.808,
176.212

■ 67, 38.808,
176.212

■ 67, 42.434,
174.786

■ 68, 34.414,
177.501

■ 66, 45.278,
173.204

■ 68, 29.314,
178.680

■ 66, 47.396,
171.457

■ 69, 23.603,
179.768

■ 66, 48.216,
170.682

■ 70, 17.393,
180.787

■ 72, 10.800,
181.755

■ 73, 3.935, 182.736

■ 74, 3.106, 3.326

■ 76, 10.237, 4.262

Harmonies

Complementary

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



67, 38.808, 176.212



44, 51.371, 14.066

Rectangle

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



67, 38.808, 176.212



67, 38.808, 226.212



67, 38.808, 356.212



67, 38.808, 46.212

Sweetspot

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



67, 38.808, 176.211



90, 16.922, 181.303



66, 70.853, 134.564



47, 11.475, 181.035



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



67, 38.808, 176.211



84, 53.212, 174.064



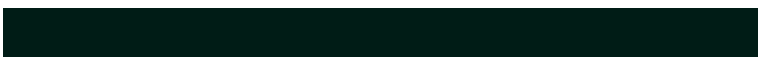
57, 29.281, 239.224



38, 3.994, 182.356



57, 42.937, 170.922



8, 11.619, 176.448

Inverse Universe

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



44, 51.371, 14.066



52, 74.393, 19.548



50, 46.604, 47.430



36, 4.142, 3.903



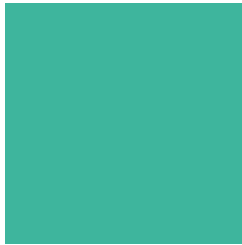
32, 63.731, 28.513



2, 10.910, 7.324

Previews

White Background



This preview shows how the CIELCh color 67, 38.808, 176.212 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 67, 38.808, 176.212 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 67, 38.808, 176.212

Background



This preview shows how black text looks on a background with the CIELCh color 67, 38.808, 176.212.

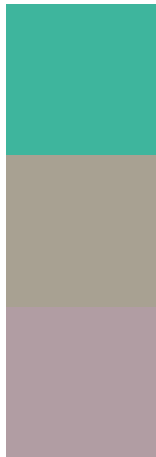


This preview shows how white text looks on a background with the CIELCh color 67, 38.808, 176.212.

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
67, 38.808, 176.212

Protanopia
66, 8.710, 90.700

Deuteranopia
67, 8.397, 356.982



Tritanopia
67, 29.296, 213.896

Trichromacy



Original Color
67, 38.808, 176.212



Protanomaly
66, 17.467, 163.091



Deuteranomaly
66, 11.730, 184.692



Tritanomaly
67, 31.177, 197.959

Monochromacy



Original Color
67, 38.808, 176.212



Achromatopsia
59, 0.008, 296.813



Achromatomaly
62, 16.559, 180.059

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 38.808, 176.212 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(62, 181, 157)` looks like.

```
.text, #text, p{  
    color:rgb(62, 181, 157)  
}
```

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(62, 181, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 181, 157) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 38.808, 176.212 is called "border". The border property can be set on classes, ids or directly on the HTML element.

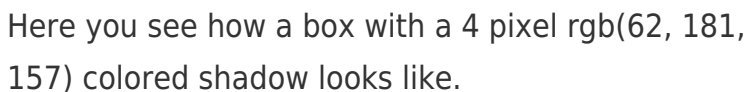
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(62, 181, 157) }
```

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

```
.border{ border-color:rgb(62, 181, 157) }
```

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



Here you see how a box with a 4 pixel `rgb(62, 181, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(62, 181, 157); -webkit-box-shadow:4px 4px 4px 4px rgb(62, 181, 157); box-shadow:4px 4px 4px 4px rgb(62, 181, 157) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 38.808, 176.212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 181, 157) }
```

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

```
.background{ background-color: rgb(62, 181,  
157) }
```

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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