

Converting Colors

CIELCh(69, 38.481, 178.182)

Have a look what the booklet for
CIELCh(69, 38.481, 178.182)
contains.

CIELCh(69, 38.549, 178.020)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(69, 38.549, 178.020)

Conversions

Conversions Part 1

Format	Color
Hex	43BBA5
RGB	67, 187, 165
RGB Percent	26%, 73%, 65%
CMY	0.7382, 0.2675, 0.3537
CMYK	0.64, 0.00, 0.12, 0.27
HSL	169°, 47%, 50%
HSV	169°, 64%, 73%
XYZ	26.7958, 39.3444, 41.6819
YIQ	148.6120, -64.4580, -32.2820

Conversions

Conversions Part 2

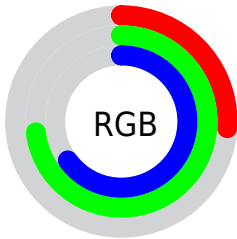
Format	Color
RYB	67, 133, 187
Decimal	4438949
CIELab	69.00, -38.53, 1.33
CIElCh	69, 38.549, 178.020
Yxy	39.3444, 0.2485, 0.3649
Android (android.graphics.Color)	4282629029 (0xFF43BBA5)
YUV	148.6120, 8.0793, -71.5737
Hunter-Lab	62.7251, -33.5147, 4.5083

Details

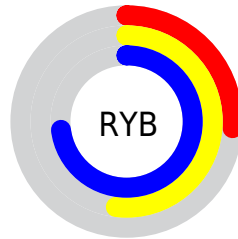
The CIELCh color **69, 38.549, 178.020** is a dark color, and the websafe version is hex **33CCCC**. A complement of this color would be **46, 51.744, 15.138**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **89, 38.655, 177.946**, and **49, 35.851, 176.643** is the 20% darker color. If you saturate the color by 10%, you get **69, 42.221, 176.675**, and if you desaturate by 10%, it is **70, 34.086, 179.241**.

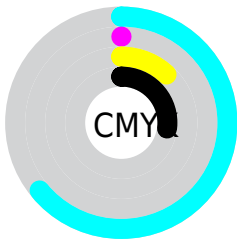
Distribution



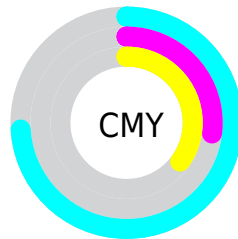
- Red (26%)
- Green (73%)
- Blue (65%)



- Red (26%)
- Yellow (52%)
- Blue (73%)



- Cyan (64%)
- Magenta (0%)
- Yellow (12%)
- Black (27%)





- Cyan (74%)
- Magenta (27%)
- Yellow (35%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 38.549, 178.020 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, 38.549, 178.020 by changing the saturation by 10% instead.

 69, 38.549,
178.020


 69, 38.549,
178.020


 100, 38.549,
178.020


 59, 38.549,
178.020


 89, 38.549,
178.020

 49, 38.549,
178.020

 99, 38.549,
178.020

 39, 38.549,
178.020

 29, 38.549,
178.020

 19, 38.549,
178.020

 9, 38.549, 178.020

 0, 38.549, 178.020

■ 69, 38.549,
178.020

■ 69, 38.549,
178.020

■ 69, 42.221,
176.675

■ 70, 34.086,
179.241

■ 68, 45.082,
175.187

■ 70, 28.898,
180.364

■ 68, 47.178,
173.540

■ 71, 23.084,
181.408

■ 68, 48.175,
172.564

■ 72, 16.758,
182.392

■ 74, 10.040,
183.336

■ 75, 3.041, 184.332

■ 77, 4.139, 4.901

■ 78, 11.416, 5.796

Harmonies

Complementary

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



69, 38.549, 178.020



46, 51.744, 15.138

Rectangle

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



69, 38.549, 178.020



69, 38.549, 228.020



69, 38.549, 358.020



69, 38.549, 48.020

Sweetspot

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



69, 38.549, 178.019



92, 16.373, 182.863



68, 71.996, 135.384



49, 11.296, 182.591



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, 38.549, 178.019



87, 52.819, 176.100



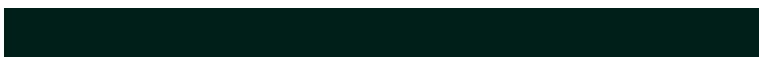
58, 30.148, 244.252



39, 4.051, 183.799



58, 42.462, 172.807



9, 12.978, 177.844

Inverse Universe

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



46, 51.744, 15.138



55, 75.235, 20.221



53, 45.959, 50.287



37, 4.210, 5.327



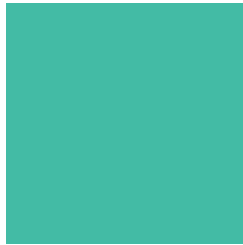
33, 65.320, 29.986



3, 12.488, 8.975

Previews

White Background



This preview shows how the CIELCh color 69, 38.549, 178.020 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, 38.549, 178.020 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

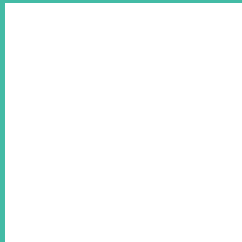
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 69, 38.549, 178.020

Background



This preview shows how black text looks on a background with the CIELCh color 69, 38.549, 178.020.

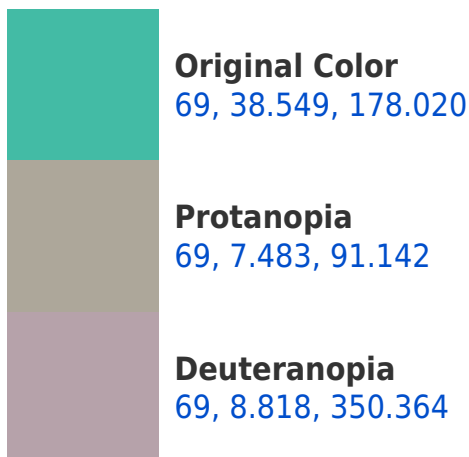


This preview shows how white text looks on a background with the CIELCh color 69, 38.549, 178.020.

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, 29.812, 213.502

Trichromacy



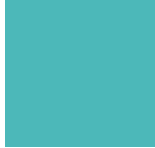
Original Color
69, 38.549, 178.020



Protanomaly
68, 17.286, 167.290



Deuteranomaly
68, 11.385, 190.083



Tritanomaly
69, 31.714, 197.953

Monochromacy



Original Color
69, 38.549, 178.020



Achromatopsia
61, 0.008, 296.813



Achromatomaly
63, 16.593, 182.253

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 38.549, 178.020 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(67, 187, 165)` looks like.

```
.text, #text, p{  
    color:rgb(67, 187, 165)  
}
```

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(67, 187, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 187, 165) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 38.549, 178.020 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(67, 187, 165) }
```

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

```
.border{ border-color:rgb(67, 187, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(67, 187, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 187, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 187, 165);  
box-shadow:4px 4px 4px 4px rgb(67, 187,  
165) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 38.549, 178.020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 187, 165) }
```

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

```
.background{ background-color: rgb(67, 187,  
165) }
```

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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