

Converting Colors

CIELCh(69, 34.284, 209.112)

Have a look what the booklet for
CIELCh(69, 34.284, 209.112)
contains.

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Color

CIELCh(69, 34.191, 210.091)

Conversions

Conversions Part 1

Format	Color
Hex	38B8C6
RGB	56, 184, 198
RGB Percent	22%, 72%, 78%
CMY	0.7823, 0.2771, 0.2222
CMYK	0.72, 0.07, 0.00, 0.22
HSL	186°, 56%, 50%
HSV	186°, 72%, 78%
XYZ	29.0489, 39.3444, 59.6994
YIQ	147.3240, -80.7820, -22.7820

Conversions

Conversions Part 2

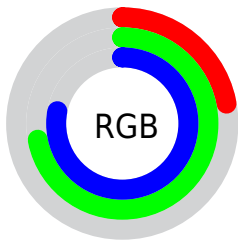
Format	Color
RYB	56, 123, 198
Decimal	3717318
CIELab	69.00, -29.58, -17.14
CIElCh	69, 34.191, 210.091
Yxy	39.3444, 0.2268, 0.3072
Android (android.graphics.Color)	4281907398 (0xFF38B8C6)
YUV	147.3240, 24.9833, -80.0911
Hunter-Lab	62.7251, -27.1029, -12.5225

Details

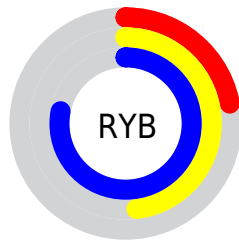
The CIELCh color **69, 34.191, 210.091** is a dark color, and the websafe version is hex **66CCCC**. The color can be described as middle muted azure. A complement of this color would be **48, 62.042, 35.531**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **89, 33.967, 210.831**, and **49, 29.268, 213.256** is the 20% darker color. If you saturate the color by 10%, you get **68, 35.862, 211.176**, and if you desaturate by 10%, it is **70, 31.654, 209.287**.

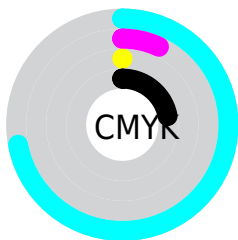
Distribution



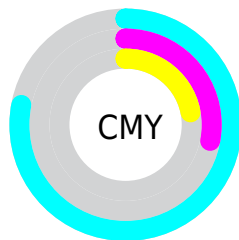
- Red (22%)
- Green (72%)
- Blue (78%)



- Red (22%)
- Yellow (48%)
- Blue (78%)



- Cyan (72%)
- Magenta (7%)
- Yellow (0%)
- Black (22%)





- Cyan (78%)
- Magenta (28%)
- Yellow (22%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 34.191, 210.091 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, 34.191, 210.091 by changing the saturation by 10% instead.


 69, 34.191,
210.091


 69, 34.191,
210.091


 100, 34.191,
210.091


 59, 34.191,
210.091


 89, 34.191,
210.091

 49, 34.191,
210.091

 99, 34.191,
210.091

 39, 34.191,
210.091

 29, 34.191,
210.091

 19, 34.191,
210.091

 9, 34.191, 210.091

 0, 34.191, 210.091

■ 69, 34.191,
210.091

■ 69, 34.191,
210.091

■ 68, 35.862,
211.176

■ 70, 31.654,
209.287

■ 67, 36.719,
212.578

■ 71, 28.266,
208.729

■ 67, 36.983,
213.891

■ 73, 24.084,
208.379

■ 74, 19.194,
208.202

■ 76, 13.700,
208.172

■ 78, 7.709, 208.274

■ 80, 1.323, 208.781

■ 82, 5.365, 28.491

Harmonies

Complementary

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



69, 34.191, 210.091



48, 62.042, 35.531

Rectangle

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



69, 34.191, 210.091



69, 34.191, 260.091



69, 34.191, 30.091



69, 34.191, 80.091

Sweetspot

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



69, 34.190, 210.090



95, 16.774, 208.171



71, 82.076, 139.769



50, 11.162, 208.167



0, 0.000, 0.000



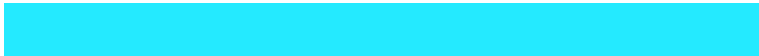
53, 0.007, 296.813

Same Dimension

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



69, 34.190, 210.090



85, 43.992, 211.873



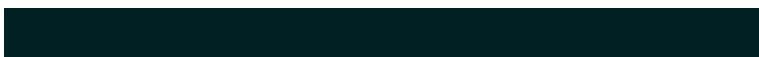
48, 49.861, 280.372



41, 3.674, 208.328



56, 32.034, 213.615



10, 11.812, 209.434

Inverse Universe

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



50, 78.837, 331.256



60, 104.256, 331.991



62, 53.838, 73.862



39, 6.903, 327.725



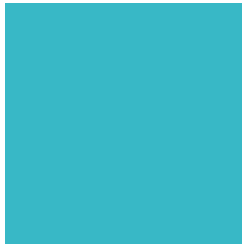
38, 76.689, 332.519



4, 24.571, 330.495

Previews

White Background



This preview shows how the CIELCh color 69, 34.191, 210.091 looks on a white background.

Color Contrast Check

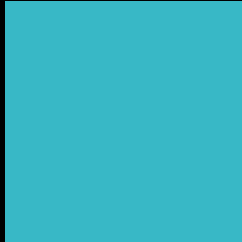
Large Text (above 18pt) WCAG AA × Fail

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, 34.191, 210.091 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

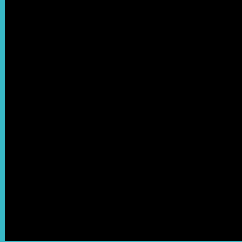
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

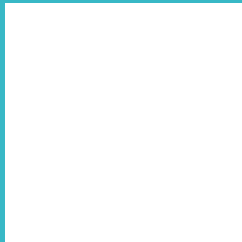
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 69, 34.191, 210.091

Background



This preview shows how black text looks on a background with the CIELCh color 69, 34.191, 210.091.

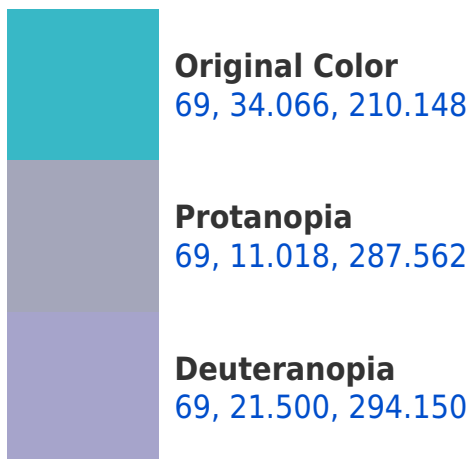


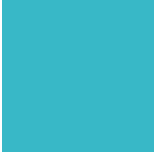
This preview shows how white text looks on a background with the CIELCh color 69, 34.191, 210.091.

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, 34.059, 211.131

Trichromacy



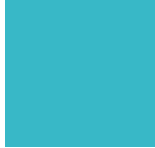
Original Color
69, 34.066, 210.148



Protanomaly
68, 18.101, 229.692



Deuteranomaly
68, 21.454, 249.453



Tritanomaly
69, 34.059, 211.131

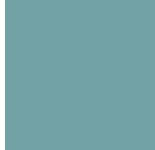
Monochromacy



Original Color
69, 34.066, 210.148



Achromatopsia
61, 0.008, 296.813



Achromatomaly
63, 16.346, 207.977

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 34.191, 210.091 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(56, 184, 198)` looks like.

```
.text, #text, p{  
    color:rgb(56, 184, 198)  
}
```

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(56, 184, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 184, 198) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 34.191, 210.091 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(56, 184, 198) }
```

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

```
.border{ border-color:rgb(56, 184, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(56, 184, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(56, 184, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(56, 184, 198);  
box-shadow:4px 4px 4px 4px rgb(56, 184,  
198) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 34.191, 210.091 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 184, 198) }
```

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

```
.background{ background-color: rgb(56, 184,  
198) }
```

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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