

Converting Colors

CIELCh(68, 33.078, 208.489)

Have a look what the booklet for
CIELCh(68, 33.078, 208.489)
contains.

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Color

CIELCh(68, 33.006, 208.654)

Conversions

Conversions Part 1

Format	Color
Hex	3CB5C1
RGB	60, 181, 193
RGB Percent	24%, 71%, 76%
CMY	0.7635, 0.2893, 0.2422
CMYK	0.69, 0.06, 0.00, 0.24
HSL	185°, 52%, 50%
HSV	185°, 69%, 76%
XYZ	28.1043, 37.9720, 56.4351
YIQ	146.1890, -75.9680, -21.9200

Conversions

Conversions Part 2

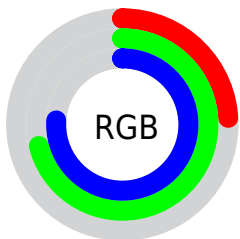
Format	Color
RYB	60, 123, 193
Decimal	3978689
CIELab	68.00, -28.96, -15.83
CIELCh	68, 33.006, 208.654
Yxy	37.9720, 0.2294, 0.3099
Android (android.graphics.Color)	4282168769 (0xFF3CB5C1)
YUV	146.1890, 23.0778, -75.5878
Hunter-Lab	61.6215, -26.4274, -11.1649

Details

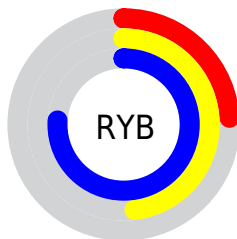
The CIELCh color **68, 33.006, 208.654** is a dark color, and the websafe version is hex **66CCCC**. The color can be described as middle muted azure. A complement of this color would be **47, 57.843, 34.395**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **88, 32.874, 208.501**, and **49, 28.986, 209.743** is the 20% darker color. If you saturate the color by 10%, you get **67, 34.935, 209.533**, and if you desaturate by 10%, it is **69, 30.224, 208.023**.

Distribution



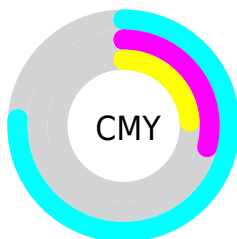
- Red (24%)
- Green (71%)
- Blue (76%)



- Red (24%)
- Yellow (48%)
- Blue (76%)



- Cyan (69%)
- Magenta (6%)
- Yellow (0%)
- Black (24%)





- Cyan (76%)
- Magenta (29%)
- Yellow (24%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 68, 33.006, 208.654 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 68, 33.006, 208.654 by changing the saturation by 10% instead.


 68, 33.006,
208.654


 68, 33.006,
208.654


 100, 33.006,
208.654


 58, 33.006,
208.654


 88, 33.006,
208.654

 48, 33.006,
208.654

 98, 33.006,
208.654

 38, 33.006,
208.654

 28, 33.006,
208.654

 18, 33.006,
208.654

 8, 33.006, 208.654

 0, 33.006, 208.654

■ 68, 33.006,
208.654

■ 68, 33.006,
208.654

■ 67, 34.935,
209.533

■ 69, 30.224,
208.023

■ 66, 36.040,
210.695

■ 70, 26.619,
207.608

■ 66, 36.465,
212.132

■ 72, 22.258,
207.377

■ 66, 36.503,
212.313

■ 73, 17.232,
207.300

■ 75, 11.647,
207.355

■ 76, 5.605, 207.543

■ 78, 0.794, 26.981

■ 80, 7.464, 27.868

Harmonies

Complementary

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



68, 33.006, 208.654



47, 57.843, 34.395

Rectangle

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



68, 33.006, 208.654



68, 33.006, 258.654



68, 33.006, 28.654



68, 33.006, 78.654

Sweetspot

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



68, 33.005, 208.653



94, 16.043, 207.329



69, 77.675, 140.211



50, 10.842, 207.310



0, 0.000, 0.000



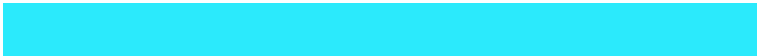
53, 0.007, 296.813

Same Dimension

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



68, 33.005, 208.653



85, 43.585, 210.142



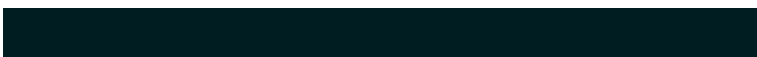
49, 46.565, 279.170



40, 3.621, 207.527



55, 31.869, 212.071



9, 11.268, 208.411

Inverse Universe

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



49, 75.390, 330.801



60, 102.771, 331.521



62, 50.369, 74.409



38, 6.793, 327.489



37, 76.269, 332.141



4, 22.260, 329.571

Previews

White Background



This preview shows how the CIELCh color 68, 33.006, 208.654 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 68, 33.006, 208.654 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

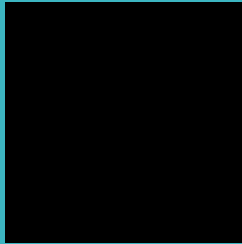
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

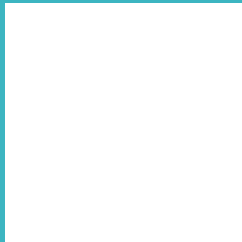
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 68, 33.006, 208.654

Background



This preview shows how black text looks on a background with the CIELCh color 68, 33.006, 208.654.

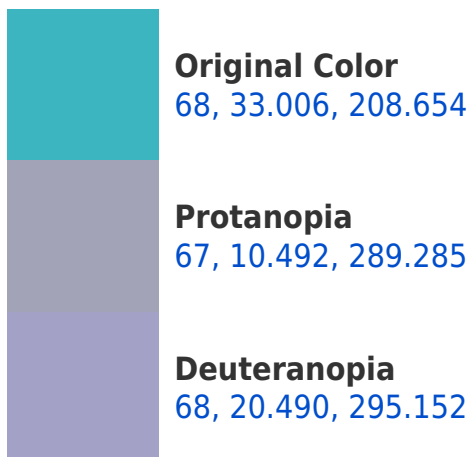


This preview shows how white text looks on a background with the CIELCh color 68, 33.006, 208.654.

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
68, 32.702, 211.846

Trichromacy



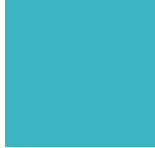
Original Color
68, 33.006, 208.654



Protanomaly
67, 17.140, 229.617



Deuteranomaly
67, 20.187, 249.112



Tritanomaly
68, 32.841, 210.752

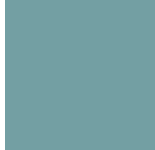
Monochromacy



Original Color
68, 33.006, 208.654



Achromatopsia
61, 0.008, 296.813



Achromatomaly
63, 15.425, 206.522

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 33.006, 208.654 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(60, 181, 193)` looks like.

```
.text, #text, p{  
    color:rgb(60, 181, 193)  
}
```

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(60, 181, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 181, 193) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 33.006, 208.654 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(60, 181, 193) }
```

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

```
.border{ border-color:rgb(60, 181, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(60, 181, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 181, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 181, 193);  
box-shadow:4px 4px 4px 4px rgb(60, 181,  
193) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 33.006, 208.654 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 181, 193) }
```

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

```
.background{ background-color: rgb(60, 181,  
193) }
```

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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