

Converting Colors

CIELCh(69, 33.651, 208.127)

Have a look what the booklet for
CIELCh(69, 33.651, 208.127)
contains.

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Color

CIELCh(69, 33.574, 208.403)

Conversions

Conversions Part 1

Format	Color
Hex	3CB8C4
RGB	60, 184, 196
RGB Percent	24%, 72%, 77%
CMY	0.7634, 0.2775, 0.2305
CMYK	0.69, 0.06, 0.00, 0.23
HSL	185°, 54%, 50%
HSV	185°, 69%, 77%
XYZ	29.0620, 39.3444, 58.4259
YIQ	148.2920, -77.7560, -22.5560

Conversions

Conversions Part 2

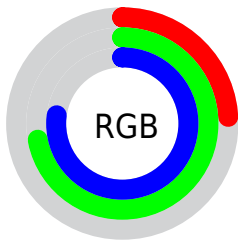
Format	Color
RYB	60, 125, 196
Decimal	3979460
CIELab	69.00, -29.53, -15.97
CIELCh	69, 33.574, 208.403
Yxy	39.3444, 0.2291, 0.3102
Android (android.graphics.Color)	4282169540 (0xFF3CB8C4)
YUV	148.2920, 23.5200, -77.4321
Hunter-Lab	62.7251, -27.0657, -11.3187

Details

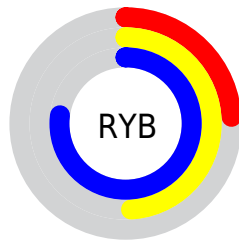
The CIELCh color **69, 33.574, 208.403** is a dark color, and the websafe version is hex **66CCCC**. The color can be described as middle muted azure. A complement of this color would be **48, 59.119, 34.404**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **89, 33.537, 209.161**, and **49, 29.288, 210.785** is the 20% darker color. If you saturate the color by 10%, you get **68, 35.484, 209.270**, and if you desaturate by 10%, it is **70, 30.798, 207.780**.

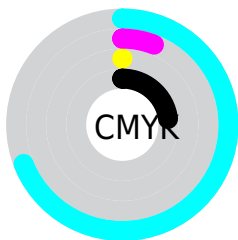
Distribution



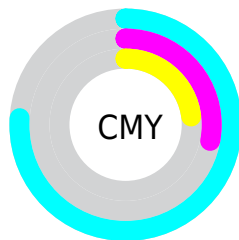
- Red (24%)
- Green (72%)
- Blue (77%)



- Red (24%)
- Yellow (49%)
- Blue (77%)



- Cyan (69%)
- Magenta (6%)
- Yellow (0%)
- Black (23%)





- Cyan (76%)
- Magenta (28%)
- Yellow (23%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 33.574, 208.403 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, 33.574, 208.403 by changing the saturation by 10% instead.

 69, 33.574,
208.403

 69, 33.574,
208.403


 100, 33.574,
208.403


 59, 33.574,
208.403


 89, 33.574,
208.403

 49, 33.574,
208.403

 99, 33.574,
208.403

 39, 33.574,
208.403

 29, 33.574,
208.403

 19, 33.574,
208.403

 9, 33.574, 208.403

 0, 33.574, 208.403

■ 69, 33.574,
208.403

■ 69, 33.574,
208.403

■ 68, 35.484,
209.270

■ 70, 30.798,
207.780

■ 67, 36.560,
210.417

■ 71, 27.184,
207.373

■ 67, 36.963,
211.829

■ 73, 22.798,
207.148

■ 67, 36.986,
211.937

■ 74, 17.733,
207.076

■ 76, 12.093,
207.135

■ 77, 5.984, 207.325

■ 79, 0.492, 26.340

■ 81, 7.247, 27.662

Harmonies

Complementary

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



69, 33.574, 208.403



48, 59.119, 34.404

Rectangle

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



69, 33.574, 208.403



69, 33.574, 258.403



69, 33.574, 28.403



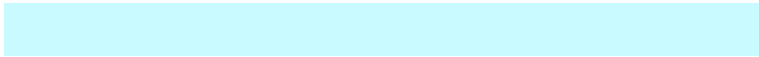
69, 33.574, 78.403

Sweetspot

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



69, 33.573, 208.402



95, 16.202, 207.113



70, 79.049, 140.140



50, 10.861, 207.091



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, 33.573, 208.402



86, 44.000, 209.812



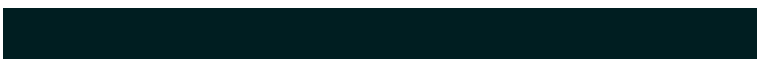
49, 47.486, 279.362



40, 3.627, 207.322



55, 31.924, 211.684



9, 11.291, 208.111

Inverse Universe

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



50, 76.765, 330.754



61, 103.724, 331.440



62, 51.356, 74.322



38, 6.802, 327.429



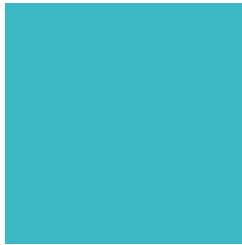
37, 76.387, 332.046



4, 22.303, 329.492

Previews

White Background



This preview shows how the CIE LCh color 69, 33.574, 208.403 looks on a white background.

Color Contrast Check

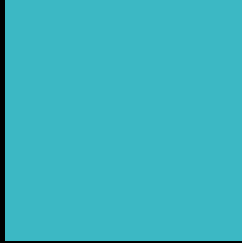
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 69, 33.574, 208.403 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

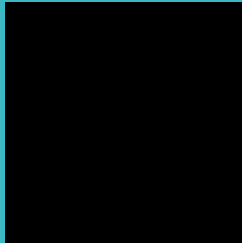
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 33.574, 208.403

Background



This preview shows how black text looks on a background with the CIELCh color 69, 33.574, 208.403.

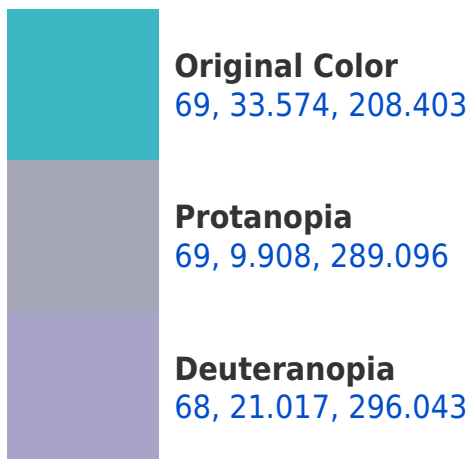


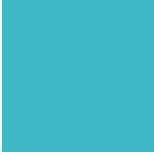
This preview shows how white text looks on a background with the CIELCh color 69, 33.574, 208.403.

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, 33.266, 211.529

Trichromacy



Original Color
69, 33.574, 208.403



Protanomaly
68, 17.163, 227.301



Deuteranomaly
68, 20.338, 248.370



Tritanomaly
69, 33.405, 210.459

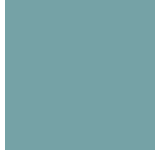
Monochromacy



Original Color
69, 33.574, 208.403



Achromatopsia
62, 0.008, 296.813



Achromatomaly
64, 15.710, 206.333

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 33.574, 208.403 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, 184, 196)` looks like.

```
.text, #text, p{  
    color:rgb(60, 184, 196)  
}
```

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, 184, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 184, 196) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 33.574, 208.403 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, 184, 196) }
```

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

```
.border{ border-color:rgb(60, 184, 196) }
```

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

Here you see how a box with a 4 pixel rgb(60, 184, 196) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 184, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 184, 196);  
box-shadow:4px 4px 4px 4px rgb(60, 184,  
196) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 33.574, 208.403 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 184, 196) }
```

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

```
.background{ background-color: rgb(60, 184,  
196) }
```

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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