

Converting Colors

CIELCh(67, 32.959, 211.733)

Have a look what the booklet for
CIELCh(67, 32.959, 211.733)
contains.

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Color

CIELCh(67, 32.959, 211.733)

Conversions

Conversions Part 1

Format	Color
Hex	38B2C1
RGB	56, 178, 193
RGB Percent	22%, 70%, 76%
CMY	0.7792, 0.3011, 0.2423
CMYK	0.71, 0.08, 0.00, 0.24
HSL	187°, 55%, 49%
HSV	187°, 71%, 76%
XYZ	27.2578, 36.6320, 56.2078
YIQ	143.2320, -77.5270, -21.1990

Conversions

Conversions Part 2

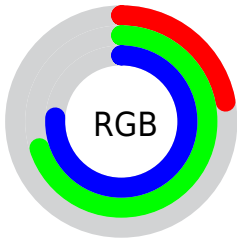
Format	Color
R _{YB}	56, 121, 193
Decimal	3715777
CIE Lab	67.00, -28.03, -17.34
CIE LCh	67, 32.959, 211.733
Yxy	36.6320, 0.2270, 0.3050
Android (android.graphics.Color)	4281905857 (0xFF38B2C1)
YUV	143.2320, 24.5356, -76.5025
Hunter-Lab	60.5244, -25.5282, -12.6945

Details

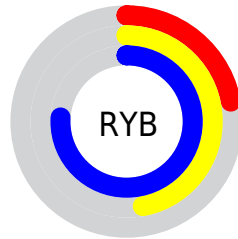
The CIELCh color **67, 32.959, 211.733** is a dark color, and the websafe version is hex **66CCCC**. The color can be described as middle muted azure. A complement of this color would be **47, 59.205, 35.885**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **87, 32.876, 211.384**, and **48, 28.455, 213.878** is the 20% darker color. If you saturate the color by 10%, you get **66, 34.693, 212.944**, and if you desaturate by 10%, it is **68, 30.387, 210.828**.

Distribution



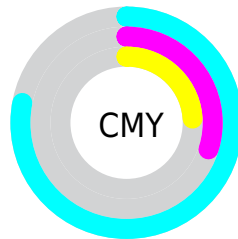
- Red (22%)
- Green (70%)
- Blue (76%)



- Red (22%)
- Yellow (47%)
- Blue (76%)



- Cyan (71%)
- Magenta (8%)
- Yellow (0%)
- Black (24%)





- Cyan (78%)
- Magenta (30%)
- Yellow (24%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 32.959, 211.733 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, 32.959, 211.733 by changing the saturation by 10% instead.


 67, 32.959,
211.733


 67, 32.959,
211.733


 100, 32.959,
211.733


 57, 32.959,
211.733


 87, 32.959,
211.733

 47, 32.959,
211.733

 97, 32.959,
211.733

 37, 32.959,
211.733

 27, 32.959,
211.733

 17, 32.959,
211.733

 7, 32.959, 211.733

 0, 32.959, 211.733

67, 32.959,
211.733

67, 32.959,
211.733

66, 34.693,
212.944

68, 30.387,
210.828

65, 35.631,
214.505

69, 26.997,
210.187

64, 35.972,
216.202

71, 22.848,
209.769

72, 18.028,
209.535

74, 12.638,
209.456

76, 6.779, 209.520

78, 0.550, 210.544

80, 5.962, 29.662

Harmonies

Complementary

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



67, 32.959, 211.733



47, 59.205, 35.885

Rectangle

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



67, 32.959, 211.733



67, 32.959, 261.733



67, 32.959, 31.733



67, 32.959, 81.733

Sweetspot

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



67, 32.958, 211.732



93, 15.655, 209.457



69, 78.636, 140.354



49, 10.493, 209.466



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



67, 32.958, 211.732



83, 42.833, 213.752



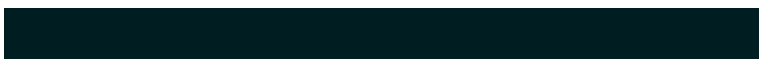
47, 49.290, 281.334



40, 3.562, 209.544



54, 31.406, 215.898



9, 11.056, 211.395

Inverse Universe

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



49, 75.856, 331.635



59, 101.414, 332.440



62, 52.119, 75.578



38, 6.702, 328.079



37, 75.139, 333.079



4, 21.855, 330.352

Previews

White Background



This preview shows how the CIELCh color 67, 32.959, 211.733 looks on a white background.

Color Contrast Check

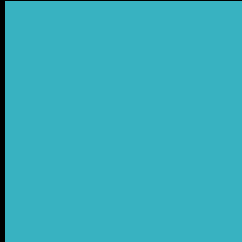
Large Text (above 18pt) WCAG AA × Fail

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, 32.959, 211.733 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

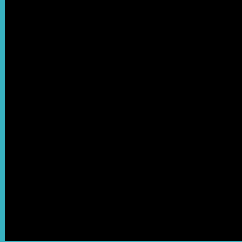
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 32.959, 211.733

Background



This preview shows how black text looks on a background with the CIELCh color 67, 32.959, 211.733.

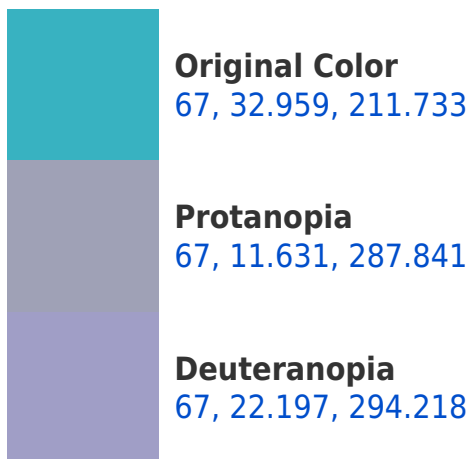


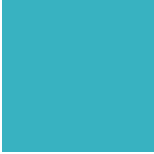
This preview shows how white text looks on a background with the CIELCh color 67, 32.959, 211.733.

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



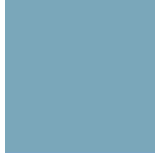


Tritanopia
67, 32.959, 211.733

Trichromacy



Original Color
67, 32.959, 211.733



Protanomaly
66, 17.902, 234.688



Deuteranomaly
66, 21.564, 251.998



Tritanomaly
67, 32.959, 211.733

Monochromacy



Original Color
67, 32.959, 211.733



Achromatopsia
59, 0.008, 296.813



Achromatomaly
61, 15.776, 208.418

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 32.959, 211.733 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, 178, 193)` looks like.

```
.text, #text, p{  
    color:rgb(56, 178, 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(56, 178, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 178, 193) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 32.959, 211.733 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, 178, 193) }
```

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

```
.border{ border-color:rgb(56, 178, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(56, 178, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(56, 178, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(56, 178, 193);  
box-shadow:4px 4px 4px 4px rgb(56, 178,  
193) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 32.959, 211.733 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 178, 193) }
```

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

```
.background{ background-color: rgb(56, 178,  
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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