

Converting Colors

CIELCh(67, 32.873, 222.147)

Have a look what the booklet for
CIELCh(67, 32.873, 222.147)
contains.

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Color

CIELCh(67, 32.937, 222.329)

Conversions

Conversions Part 1

Format	Color
Hex	3BB1CA
RGB	59, 177, 202
RGB Percent	23%, 69%, 79%
CMY	0.7687, 0.3059, 0.2079
CMYK	0.71, 0.12, 0.00, 0.21
HSL	190°, 57%, 51%
HSV	190°, 71%, 79%
XYZ	28.1812, 36.6320, 61.4544
YIQ	144.5680, -78.3530, -17.2410

Conversions

Conversions Part 2

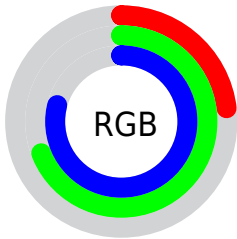
Format	Color
RYB	59, 124, 202
Decimal	3912138
CIELab	67.00, -24.35, -22.18
CIElCh	67, 32.937, 222.329
Yxy	36.6320, 0.2232, 0.2901
Android (android.graphics.Color)	4282102218 (0xFF3BB1CA)
YUV	144.5680, 28.3140, -75.0431
Hunter-Lab	60.5244, -22.8050, -17.8340




Details

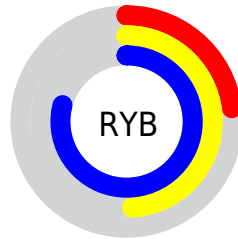
The CIELCh color **67, 32.937, 222.329** is a dark color, and the websafe version is hex **66CCCC**. The color can be described as middle muted azure. A complement of this color would be **51, 59.119, 39.787**, and the grayscale version is **60, 0.008, 296.813**.




A 20% lighter version of the original color is **87, 32.449, 218.574**, and **48, 29.023, 226.690** is the 20% darker color. If you saturate the color by 10%, you get **66, 34.816, 224.542**, and if you desaturate by 10%, it is **69, 30.267, 220.602**.

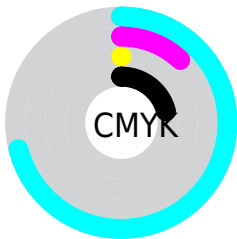
Distribution







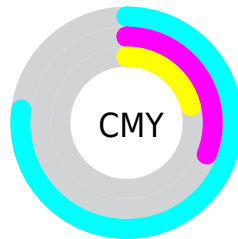
-  Red (23%)
-  Green (69%)
-  Blue (79%)






-  Red (23%)
-  Yellow (49%)
-  Blue (79%)



-  Cyan (71%)
-  Magenta (12%)
-  Yellow (0%)
-  Black (21%)





-  Cyan (77%)
-  Magenta (31%)
-  Yellow (21%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 32.937, 222.329 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, 32.937, 222.329 by changing the saturation by 10% instead.


 67, 32.937,
222.329


 67, 32.937,
222.329


 100, 32.937,
222.329


 57, 32.937,
222.329


 87, 32.937,
222.329

 47, 32.937,
222.329

 97, 32.937,
222.329

 37, 32.937,
222.329

 27, 32.937,
222.329

 17, 32.937,
222.329

 7, 32.937, 222.329

 0, 32.937, 222.329

67, 32.937,
222.329

67, 32.937,
222.329

66, 34.816,
224.542

69, 30.267,
220.602

64, 35.965,
227.310

70, 26.819,
219.288

63, 36.568,
230.291

72, 22.645,
218.313

74, 17.831,
217.615

76, 12.472,
217.142

79, 6.666, 216.866

81, 0.505, 217.699

84, 5.931, 36.437

Harmonies

Complementary

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



67, 32.937, 222.329



51, 59.119, 39.787

Rectangle

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



67, 32.937, 222.329



67, 32.937, 272.329



67, 32.937, 42.329



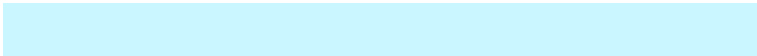
67, 32.937, 92.329

Sweetspot

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



67, 32.936, 222.328



94, 15.193, 217.160



72, 77.998, 142.137



49, 10.188, 217.275



0, 0.000, 0.000



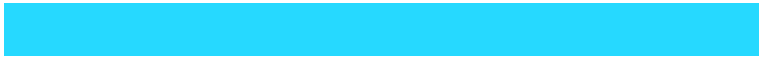
53, 0.007, 296.813

Same Dimension

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



67, 32.936, 222.328



80, 42.334, 225.956



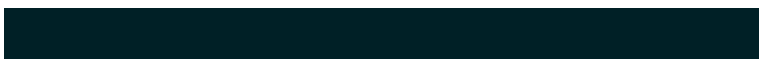
46, 56.662, 286.475



42, 3.544, 216.846



52, 31.560, 229.753



10, 11.790, 222.005

Inverse Universe

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



51, 75.125, 334.322



60, 98.343, 335.505



67, 55.365, 81.394



40, 6.679, 330.206



38, 73.128, 336.581



5, 25.177, 334.191

Previews

White Background



This preview shows how the CIELCh color 67, 32.937, 222.329 looks on a white background.

Color Contrast Check

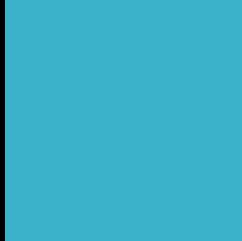
Large Text (above 18pt) WCAG AA × Fail

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, 32.937, 222.329 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

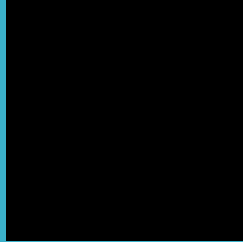
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 32.937, 222.329

Background



This preview shows how black text looks on a background with the CIELCh color 67, 32.937, 222.329.



This preview shows how white text looks on a background with the CIELCh color 67, 32.937, 222.329.

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



Original Color

67, 32.937, 222.329

Protanopia

66, 17.193, 287.295

Deuteranopia

67, 26.021, 289.887



Tritanopia
67, 33.341, 211.535

Trichromacy



Original Color
67, 32.937, 222.329



Protanomaly
66, 21.141, 248.495



Deuteranomaly
66, 25.323, 257.858



Tritanomaly
67, 33.140, 214.715

Monochromacy



Original Color
67, 32.937, 222.329



Achromatopsia
60, 0.008, 296.813



Achromatomaly
62, 15.469, 217.395

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 32.937, 222.329 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(59, 177, 202)` looks like.

```
.text, #text, p{  
    color:rgb(59, 177, 202)  
}
```

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(59, 177, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 177, 202) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 32.937, 222.329 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(59, 177, 202) }
```

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

```
.border{ border-color:rgb(59, 177, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 177, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 177, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 177, 202);  
box-shadow:4px 4px 4px 4px rgb(59, 177,  
202) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 32.937, 222.329 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 177, 202) }
```

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

```
.background{ background-color: rgb(59, 177,  
202) }
```

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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