

Converting Colors

CIELCh(70, 34.662, 203.251)

Have a look what the booklet for
CIELCh(70, 34.662, 203.251)
contains.

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Color

CIELCh(70, 34.715, 203.240)

Conversions

Conversions Part 1

Format	Color
Hex	3BBCC3
RGB	59, 188, 195
RGB Percent	23%, 74%, 76%
CMY	0.7695, 0.2634, 0.2360
CMYK	0.70, 0.04, 0.00, 0.24
HSL	183°, 54%, 50%
HSV	183°, 70%, 76%
XYZ	29.5683, 40.7494, 57.8368
YIQ	150.2270, -79.1310, -25.1710

Conversions

Conversions Part 2

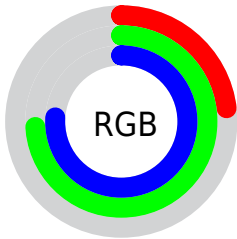
Format	Color
RYB	59, 125, 195
Decimal	3914947
CIELab	70.00, -31.90, -13.70
CIELCh	70, 34.715, 203.240
Yxy	40.7494, 0.2307, 0.3180
Android (android.graphics.Color)	4282105027 (0xFF3BBCC3)
YUV	150.2270, 22.0731, -80.0061
Hunter-Lab	63.8353, -29.0312, -9.0340




Details

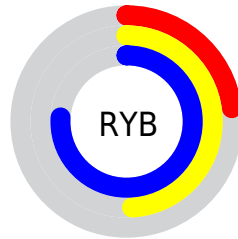
The CIELCh color **70, 34.715, 203.240** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle muted azure. A complement of this color would be **47, 60.605, 32.641**, and the grayscale version is **62, 0.008, 296.813**.




A 20% lighter version of the original color is **90, 34.767, 203.337**, and **51, 30.221, 204.431** is the 20% darker color. If you saturate the color by 10%, you get **69, 36.662, 203.645**, and if you desaturate by 10%, it is **71, 31.890, 202.994**.

Distribution







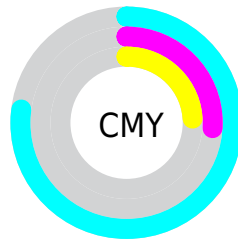
-  Red (23%)
-  Green (74%)
-  Blue (76%)






-  Red (23%)
-  Yellow (49%)
-  Blue (76%)



-  Cyan (70%)
-  Magenta (4%)
-  Yellow (0%)
-  Black (24%)





-  Cyan (77%)
-  Magenta (26%)
-  Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 34.715, 203.240 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 70, 34.715, 203.240 by changing the saturation by 10% instead.


 70, 34.715,
203.240


 70, 34.715,
203.240


 100, 34.715,
203.240


 60, 34.715,
203.240


 90, 34.715,
203.240


 50, 34.715,
203.240

 40, 34.715,
203.240

 30, 34.715,
203.240

 20, 34.715,
203.240

 10, 34.715,
203.240

 0, 34.715, 203.240

70, 34.715,
203.240

70, 34.715,
203.240

69, 36.662,
203.645

71, 31.890,
202.994

69, 37.767,
204.227

72, 28.210,
202.894

68, 38.214,
204.962

73, 23.736,
202.924

68, 38.220,
204.975

74, 18.560,
203.065

76, 12.787,
203.304

77, 6.527, 203.647

79, 0.115, 19.173

81, 7.043, 24.258

Harmonies

Complementary

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



70, 34.715, 203.240



47, 60.605, 32.641

Rectangle

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



70, 34.715, 203.240



70, 34.715, 253.240



70, 34.715, 23.240



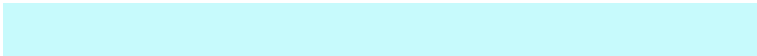
70, 34.715, 73.240

Sweetspot

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



70, 34.714, 203.239



95, 16.628, 203.262



70, 80.657, 139.266



51, 11.238, 203.189



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



70, 34.714, 203.239



87, 45.407, 203.941



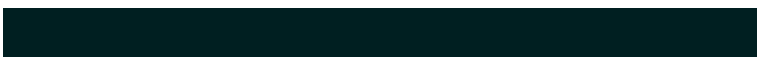
50, 45.166, 276.493



40, 3.752, 203.667



57, 33.157, 204.845



10, 11.744, 202.860

Inverse Universe

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



50, 78.686, 329.460



61, 106.125, 329.997



61, 51.090, 71.181



38, 6.977, 326.348



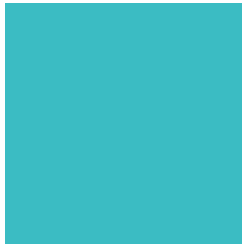
38, 78.606, 330.365



4, 23.091, 328.103

Previews

White Background



This preview shows how the CIELCh color 70, 34.715, 203.240 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 70, 34.715, 203.240 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

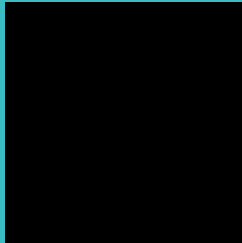
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

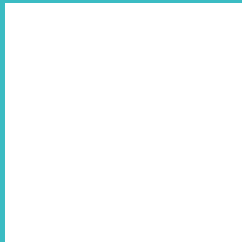
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 70, 34.715, 203.240

Background



This preview shows how black text looks on a background with the CIELCh color 70, 34.715, 203.240.

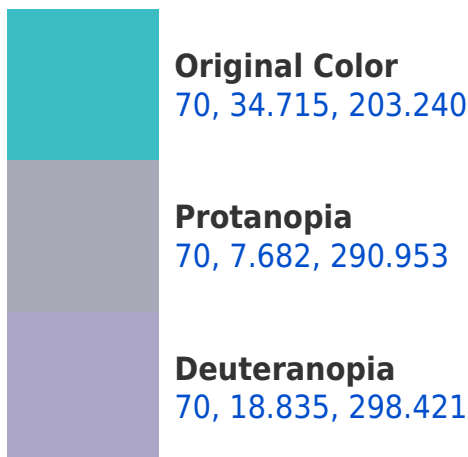


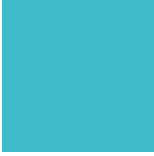
This preview shows how white text looks on a background with the CIELCh color 70, 34.715, 203.240.

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
70, 33.689, 211.294

Trichromacy



Original Color
70, 34.715, 203.240



Protanomaly
69, 16.734, 219.556



Deuteranomaly
69, 18.895, 243.152



Tritanomaly
70, 34.002, 208.219

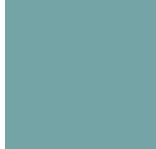
Monochromacy



Original Color
70, 34.715, 203.240



Achromatopsia
62, 0.008, 296.813



Achromatomaly
64, 16.329, 201.977

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 34.715, 203.240 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, 188, 195)` looks like.

```
.text, #text, p{  
    color:rgb(59, 188, 195)  
}
```

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, 188, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 188, 195) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 34.715, 203.240 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, 188, 195) }
```

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

```
.border{ border-color:rgb(59, 188, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 188, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 188, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 188, 195);  
box-shadow:4px 4px 4px 4px rgb(59, 188,  
195) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 34.715, 203.240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 188, 195) }
```

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

```
.background{ background-color: rgb(59, 188,  
195) }
```

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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