

Converting Colors

CIELCh(71, 35.083, 200.987)

Have a look what the booklet for
CIELCh(71, 35.083, 200.987)
contains.

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Color

CIELCh(71, 35.031, 201.331)

Conversions

Conversions Part 1

Format	Color
Hex	3EBFC4
RGB	62, 191, 196
RGB Percent	24%, 75%, 77%
CMY	0.7577, 0.2516, 0.2320
CMYK	0.68, 0.03, 0.00, 0.23
HSL	182°, 53%, 51%
HSV	182°, 68%, 77%
XYZ	30.5148, 42.1875, 58.6644
YIQ	152.9990, -78.4890, -25.7930

Conversions

Conversions Part 2

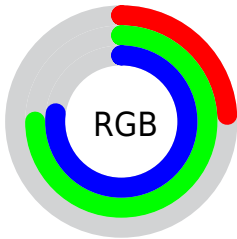
Format	Color
R _{YB}	62, 128, 196
Decimal	4112324
CIE _{Lab}	71.00, -32.63, -12.74
CIE _{LCh}	71, 35.031, 201.331
Yxy	42.1875, 0.2323, 0.3211
Android (android.graphics.Color)	4282302404 (0xFF3EBFC4)
YUV	152.9990, 21.1995, -79.8061
Hunter-Lab	64.9519, -29.8054, -8.0843

Details

The CIELCh color **71, 35.031, 201.331** 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, 59.996, 31.589**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **91, 35.121, 201.527**, and **52, 30.913, 201.973** is the 20% darker color. If you saturate the color by 10%, you get **70, 37.157, 201.551**, and if you desaturate by 10%, it is **72, 32.019, 201.239**.

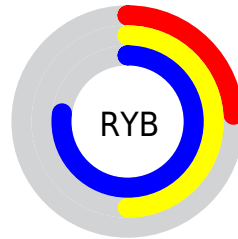
Distribution



Red (24%)

Green (75%)

Blue (77%)



Red (24%)

Yellow (50%)

Blue (77%)

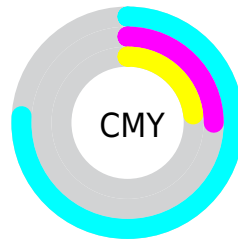


Cyan (68%)

Magenta (3%)

Yellow (0%)

Black (23%)



Cyan (76%)


Magenta (25%)


Yellow (23%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 35.031, 201.331 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 71, 35.031, 201.331 by changing the saturation by 10% instead.


 71, 35.031,
201.331


 71, 35.031,
201.331


 100, 35.031,
201.331


 61, 35.031,
201.331


 91, 35.031,
201.331

 51, 35.031,
201.331

 41, 35.031,
201.331

 31, 35.031,
201.331

 21, 35.031,
201.331

 11, 35.031,
201.331

 1, 35.031, 201.331

0, 35.031, 201.331

71, 35.031,
201.331

71, 35.031,
201.331

70, 37.157,
201.551

72, 32.019,
201.239

70, 38.427,
201.911

73, 28.147,
201.268

70, 38.976,
202.401

74, 23.483,
201.405

70, 39.039,
202.481

75, 18.119,
201.637

76, 12.164,
201.955

78, 5.730, 202.375

■ 79, 1.078, 22.194

■ 81, 8.163, 23.095

■ 83, 15.444, 23.619

Harmonies

Complementary

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



71, 35.031, 201.331



47, 59.996, 31.589

Rectangle

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



71, 35.031, 201.331



71, 35.031, 251.331



71, 35.031, 21.331



71, 35.031, 71.331

Sweetspot

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



71, 35.031, 201.330



96, 16.997, 201.855



70, 80.551, 139.046



51, 11.395, 201.764



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



71, 35.031, 201.330



89, 46.199, 201.708



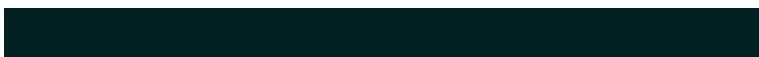
51, 43.319, 274.355



40, 3.803, 202.330



58, 33.731, 202.388



10, 11.930, 200.985

Inverse Universe

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



51, 78.712, 328.926



62, 107.033, 329.402



61, 50.106, 69.848



38, 7.045, 325.948



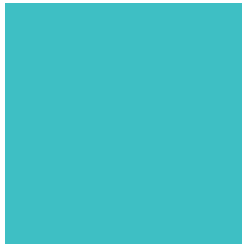
38, 79.475, 329.755



4, 23.397, 327.602

Previews

White Background



This preview shows how the CIELCh color 71, 35.031, 201.331 looks on a white background.

Color Contrast Check

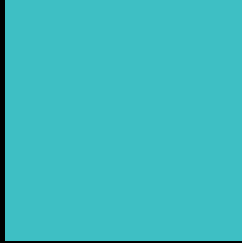
Large Text (above 18pt) WCAG AA × Fail

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 71, 35.031, 201.331 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

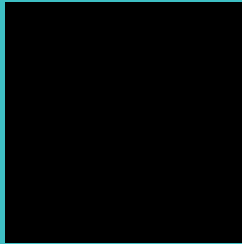
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

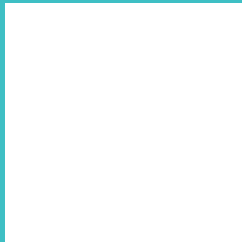
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 71, 35.031, 201.331

Background



This preview shows how black text looks on a background with the CIELCh color 71, 35.031, 201.331.

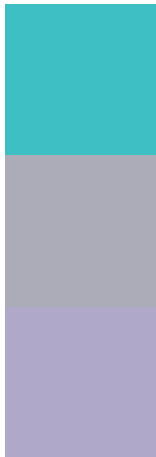


This preview shows how white text looks on a background with the CIELCh color 71, 35.031, 201.331.

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](#).

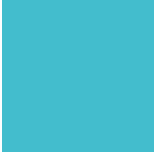
Dichromacy



Original Color
71, 35.031, 201.331

Protanopia
70, 7.133, 293.823

Deuteranopia
70, 18.351, 300.752



Tritanopia
71, 33.507, 212.365

Trichromacy



Original Color
71, 35.031, 201.331



Protanomaly
70, 16.307, 218.034



Deuteranomaly
70, 18.331, 242.352

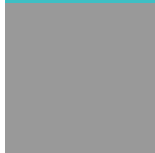


Tritanomaly
71, 34.008, 208.207

Monochromacy



Original Color
71, 35.031, 201.331



Achromatopsia
63, 0.008, 296.813



Achromatomaly
65, 16.305, 201.989

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 35.031, 201.331 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(62, 191, 196)` looks like.

```
.text, #text, p{  
    color:rgb(62, 191, 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(62, 191, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 191, 196) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 35.031, 201.331 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(62, 191, 196) }
```

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

```
.border{ border-color:rgb(62, 191, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(62, 191, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 191, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 191, 196);  
box-shadow:4px 4px 4px 4px rgb(62, 191,  
196) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 35.031, 201.331 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 191, 196) }
```

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

```
.background{ background-color: rgb(62, 191,  
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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