

Converting Colors

CIELCh(71, 36.747, 202.040)

Have a look what the booklet for
CIELCh(71, 36.747, 202.040)
contains.

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Color

CIELCh(71, 36.874, 201.854)

Conversions

Conversions Part 1

Format	Color
Hex	2FC0C6
RGB	47, 192, 198
RGB Percent	18%, 75%, 78%
CMY	0.8144, 0.2487, 0.2251
CMYK	0.76, 0.03, 0.00, 0.23
HSL	182°, 61%, 48%
HSV	182°, 76%, 77%
XYZ	30.0909, 42.1875, 59.7343
YIQ	149.3290, -88.3460, -28.8740

Conversions

Conversions Part 2

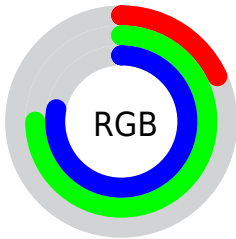
Format	Color
RYB	47, 121, 198
Decimal	3129542
CIELab	71.00, -34.22, -13.73
CIELCh	71, 36.874, 201.854
Yxy	42.1875, 0.2279, 0.3196
Android (android.graphics.Color)	4281319622 (0xFF2FC0C6)
YUV	149.3290, 23.9948, -89.7425
Hunter-Lab	64.9519, -30.9704, -9.0609

Details

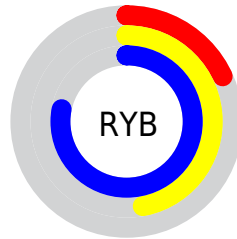
The CIELCh color **71, 36.874, 201.854** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle muted cyan. A complement of this color would be **45, 67.745, 33.904**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **91, 36.903, 202.043**, and **52, 30.979, 203.071** is the 20% darker color. If you saturate the color by 10%, you get **71, 38.339, 202.215**, and if you desaturate by 10%, it is **72, 34.532, 201.634**.

Distribution



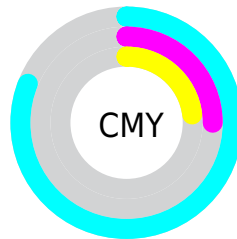
- Red (18%)
- Green (75%)
- Blue (78%)



- Red (18%)
- Yellow (47%)
- Blue (78%)



- Cyan (76%)
- Magenta (3%)
- Yellow (0%)
- Black (23%)





- Cyan (81%)
- Magenta (25%)
- Yellow (23%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 36.874, 201.854 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, 36.874, 201.854 by changing the saturation by 10% instead.


 71, 36.874,
201.854


 71, 36.874,
201.854


 100, 36.874,
201.854


 61, 36.874,
201.854


 91, 36.874,
201.854

 51, 36.874,
201.854

 41, 36.874,
201.854

 31, 36.874,
201.854

 21, 36.874,
201.854

 11, 36.874,
201.854

 1, 36.874, 201.854

0, 36.874, 201.854

71, 36.874,
201.854

71, 36.874,
201.854

71, 38.339,
202.215

72, 34.532,
201.634

70, 39.012,
202.722

72, 31.301,
201.550

70, 39.167,
202.944

73, 27.218,
201.586

74, 22.357,
201.731

76, 16.818,
201.971

77, 10.711,
202.298

■ 79, 4.148, 202.752

■ 80, 2.766, 22.843

■ 82, 9.940, 23.449

Harmonies

Complementary

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



71, 36.874, 201.854



45, 67.745, 33.904

Rectangle

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



71, 36.874, 201.854



71, 36.874, 251.854



71, 36.874, 21.854



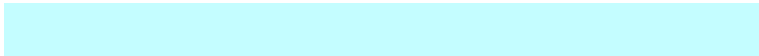
71, 36.874, 71.854

Sweetspot

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



71, 36.873, 201.853



96, 18.440, 202.050



70, 87.309, 138.156



50, 12.596, 201.944



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, 36.873, 201.853



89, 47.071, 202.519



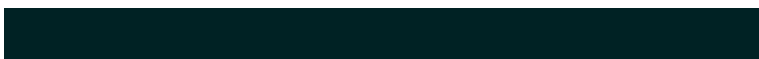
49, 48.404, 277.264



41, 3.876, 202.575



59, 34.010, 202.848



11, 12.442, 201.356

Inverse Universe

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



49, 84.417, 329.283



60, 110.417, 329.730



59, 56.213, 68.628



39, 7.185, 326.023



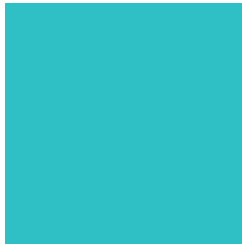
38, 80.234, 329.869



4, 25.846, 328.348

Previews

White Background



This preview shows how the CIELCh color 71, 36.874, 201.854 looks on a white background.

Color Contrast Check

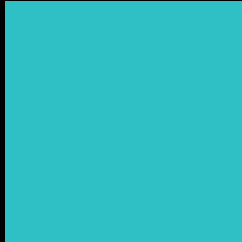
Large Text (above 18pt) WCAG AA × Fail

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, 36.874, 201.854 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

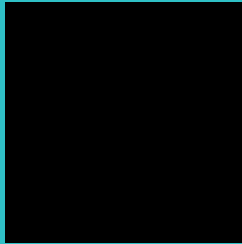
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 36.874, 201.854

Background



This preview shows how black text looks on a background with the CIELCh color 71, 36.874, 201.854.

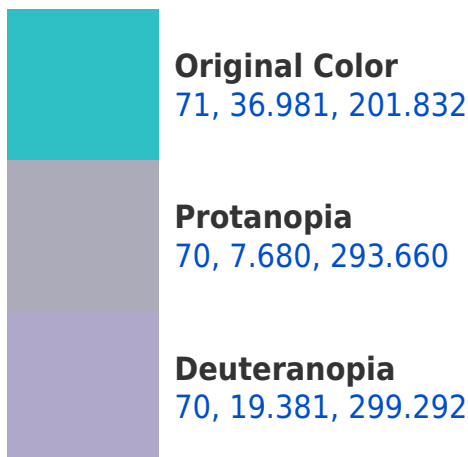


This preview shows how white text looks on a background with the CIELCh color 71, 36.874, 201.854.

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
71, 35.375, 211.410

Trichromacy



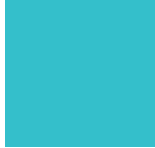
Original Color
71, 36.981, 201.832



Protanomaly
70, 17.965, 219.819



Deuteranomaly
70, 19.932, 240.072



Tritanomaly
71, 35.863, 207.492

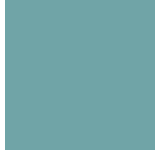
Monochromacy



Original Color
71, 36.981, 201.832



Achromatopsia
62, 0.008, 296.813



Achromatomaly
64, 17.820, 203.347

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 36.874, 201.854 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(47, 192, 198)` looks like.

```
.text, #text, p{  
    color:rgb(47, 192, 198)  
}
```

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(47, 192, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 192, 198) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 36.874, 201.854 is called "border". The border property can be set on classes, ids or directly on the HTML element.

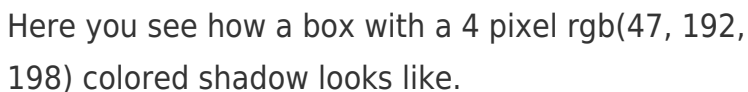
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(47, 192, 198) }
```

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

```
.border{ border-color:rgb(47, 192, 198) }
```

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



Here you see how a box with a 4 pixel `rgb(47, 192, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 192, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 192, 198);  
box-shadow:4px 4px 4px 4px rgb(47, 192,  
198) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 36.874, 201.854 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 192, 198) }
```

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

```
.background{ background-color: rgb(47, 192,  
198) }
```

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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