

Converting Colors

CIELCh(71, 35.656, 194.823)

Have a look what the booklet for
CIELCh(71, 35.656, 194.823)
contains.

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Color

CIELCh(71, 35.552, 194.934)

Conversions

Conversions Part 1

Format	Color
Hex	40BFBD
RGB	64, 191, 189
RGB Percent	25%, 75%, 74%
CMY	0.7474, 0.2498, 0.2576
CMYK	0.66, 0.00, 0.01, 0.25
HSL	179°, 50%, 50%
HSV	179°, 66%, 75%
XYZ	30.0572, 42.1875, 54.8767
YIQ	152.7990, -75.0500, -27.5460

Conversions

Conversions Part 2

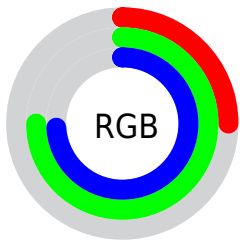
Format	Color
RYB	64, 128, 191
Decimal	4243389
CIELab	71.00, -34.35, -9.16
CIElCh	71, 35.552, 194.934
Yxy	42.1875, 0.2364, 0.3319
Android (android.graphics.Color)	4282433469 (0xFF40BFBD)
YUV	152.7990, 17.8471, -77.8767
Hunter-Lab	64.9519, -31.0629, -4.6267

Details

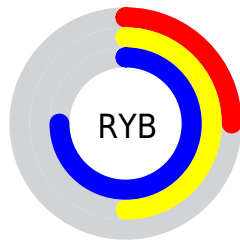
The CIELCh color **71, 35.552, 194.934** is a dark color, and the websafe version is hex **33CCCC**. A complement of this color would be **46, 57.651, 28.126**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **91, 35.634, 194.644**, and **51, 31.741, 195.299** is the 20% darker color. If you saturate the color by 10%, you get **71, 38.065, 194.614**, and if you desaturate by 10%, it is **72, 32.167, 195.294**.

Distribution



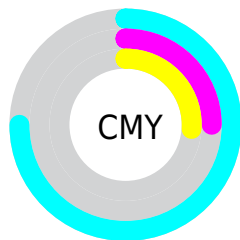
- Red (25%)
- Green (75%)
- Blue (74%)



- Red (25%)
- Yellow (50%)
- Blue (75%)



- Cyan (66%)
- Magenta (0%)
- Yellow (1%)
- Black (25%)





- Cyan (75%)
- Magenta (25%)
- Yellow (26%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 35.552, 194.934 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, 35.552, 194.934 by changing the saturation by 10% instead.


 71, 35.552,
194.934


 71, 35.552,
194.934


 100, 35.552,
194.934


 61, 35.552,
194.934


 91, 35.552,
194.934

 51, 35.552,
194.934

 41, 35.552,
194.934

 31, 35.552,
194.934

 21, 35.552,
194.934

 11, 35.552,
194.934

 1, 35.552, 194.934

0, 35.552, 194.934

71, 35.552,
194.934

71, 35.552,
194.934

71, 38.065,
194.614

72, 32.167,
195.294

70, 39.725,
194.331

72, 27.943,
195.700

70, 40.619,
194.074

73, 22.952,
196.153

70, 40.856,
193.983

74, 17.291,
196.653

75, 11.070,
197.201

77, 4.403, 197.838

■ 78, 2.603, 18.105

■ 80, 9.853, 18.868

■ 81, 17.264, 19.520

Harmonies

Complementary

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



71, 35.552, 194.934



46, 57.651, 28.126

Rectangle

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



71, 35.552, 194.934



71, 35.552, 244.934



71, 35.552, 14.934



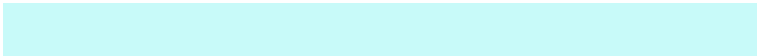
71, 35.552, 64.934

Sweetspot

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



71, 35.552, 194.933



95, 16.640, 196.976



69, 78.392, 138.305



50, 11.248, 196.821



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



71, 35.552, 194.933



90, 47.665, 194.469



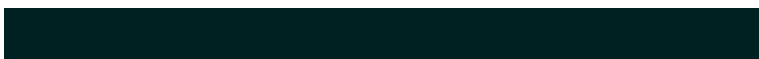
53, 38.241, 268.146



40, 3.955, 197.624



60, 35.892, 194.014



11, 12.549, 194.580

Inverse Universe

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



46, 57.651, 28.126



55, 86.973, 33.320



58, 47.275, 65.476



38, 4.186, 18.640



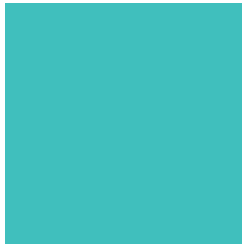
33, 73.101, 39.088



3, 14.004, 18.540

Previews

White Background



This preview shows how the CIELCh color 71, 35.552, 194.934 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, 35.552, 194.934 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

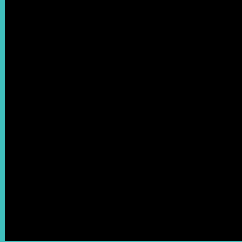
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

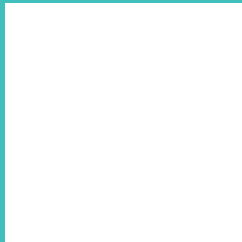
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 71, 35.552, 194.934

Background



This preview shows how black text looks on a background with the CIELCh color 71, 35.552, 194.934.

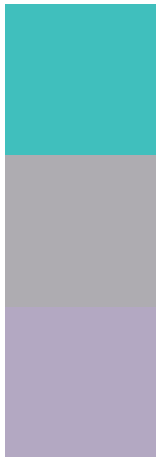


This preview shows how white text looks on a background with the CIELCh color 71, 35.552, 194.934.

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, 35.552, 194.934

Protanopia

71, 2.849, 305.610

Deuteranopia

71, 14.841, 306.997



Tritanopia
71, 32.744, 211.762

Trichromacy



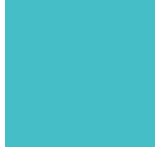
Original Color
71, 35.552, 194.934



Protanomaly
70, 15.582, 202.242



Deuteranomaly
70, 15.556, 233.078

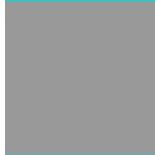


Tritanomaly
71, 33.520, 205.487

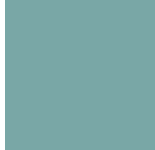
Monochromacy



Original Color
71, 35.552, 194.934



Achromatopsia
63, 0.008, 296.813



Achromatomaly
65, 16.158, 196.061

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 35.552, 194.934 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(64, 191, 189)` looks like.

```
.text, #text, p{  
    color:rgb(64, 191, 189)  
}
```

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(64, 191, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 191, 189) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 35.552, 194.934 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(64, 191, 189) }
```

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

```
.border{ border-color:rgb(64, 191, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(64, 191, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 191, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 191, 189);  
box-shadow:4px 4px 4px 4px rgb(64, 191,  
189) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 35.552, 194.934 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 191, 189) }
```

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

```
.background{ background-color: rgb(64, 191,  
189) }
```

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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