

Converting Colors

CIELCh(71, 44.908, 171.168)

Have a look what the booklet for
CIELCh(71, 44.908, 171.168)
contains.

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Color

CIELCh(71, 44.638, 171.387)

Conversions

Conversions Part 1

Format	Color
Hex	3BC2A0
RGB	59, 194, 160
RGB Percent	23%, 76%, 63%
CMY	0.7673, 0.2382, 0.3716
CMYK	0.69, 0.00, 0.18, 0.24
HSL	165°, 53%, 50%
HSV	165°, 69%, 76%
XYZ	27.5412, 42.1875, 40.0632
YIQ	149.7590, -69.5460, -39.1940

Conversions

Conversions Part 2

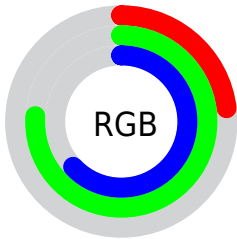
Format	Color
RYB	59, 136, 194
Decimal	3916448
CIELab	71.00, -44.13, 6.68
CIElCh	71, 44.638, 171.387
Yxy	42.1875, 0.2508, 0.3842
Android (android.graphics.Color)	4282106528 (0xFF3BC2A0)
YUV	149.7590, 5.0488, -79.5956
Hunter-Lab	64.9519, -37.9775, 8.8955

Details

The CIELCh color **71, 44.638, 171.387** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle muted spring green. A complement of this color would be **46, 56.869, 11.462**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **91, 44.460, 171.706**, and **51, 40.145, 169.753** is the 20% darker color. If you saturate the color by 10%, you get **71, 48.541, 169.736**, and if you desaturate by 10%, it is **72, 39.924, 172.867**.

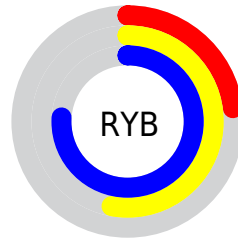
Distribution



Red (23%)

Green (76%)

Blue (63%)



Red (23%)

Yellow (53%)

Blue (76%)

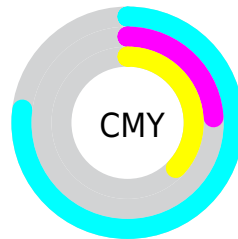


Cyan (69%)

Magenta (0%)

Yellow (18%)

Black (24%)



Cyan (77%)


Magenta (24%)

Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 44.638, 171.387 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, 44.638, 171.387 by changing the saturation by 10% instead.

 71, 44.638,
171.387


 71, 44.638,
171.387

 100, 44.638,
171.387


 61, 44.638,
171.387


 91, 44.638,
171.387

 51, 44.638,
171.387

 41, 44.638,
171.387

 31, 44.638,
171.387

 21, 44.638,
171.387

 11, 44.638,
171.387

 1, 44.638, 171.387

■ 0, 44.638, 171.387

■ 71, 44.638,
171.387

■ 71, 44.638,
171.387

■ 71, 48.541,
169.736

■ 72, 39.924,
172.867

■ 70, 51.640,
167.900

■ 72, 34.451,
174.203

■ 70, 54.091,
165.917

■ 73, 28.316,
175.418

■ 70, 54.222,
165.811

■ 74, 21.637,
176.534

■ 76, 14.541,
177.574

■ 77, 7.151, 178.571

■ 79, 0.425, 358.272

■ 80, 8.091, 0.210

■ 82, 15.772, 1.060

Harmonies

Complementary

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



71, 44.638, 171.387



46, 56.869, 11.462

Rectangle

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



71, 44.638, 171.387



71, 44.638, 221.387



71, 44.638, 351.387



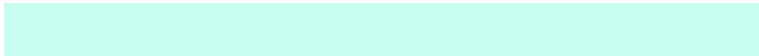
71, 44.638, 41.387

Sweetspot

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



71, 44.638, 171.386



95, 19.366, 177.384



71, 77.303, 133.206



51, 13.154, 177.094



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, 44.638, 171.386



89, 61.067, 168.867



62, 31.501, 231.966



40, 4.282, 178.579



59, 46.888, 166.125



10, 15.006, 171.667

Inverse Universe

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



46, 56.869, 11.462



55, 80.469, 17.414



51, 54.184, 43.653



38, 4.419, 0.185



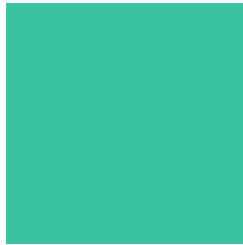
33, 63.392, 24.631



3, 14.444, 5.911

Previews

White Background



This preview shows how the CIELCh color 71, 44.638, 171.387 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, 44.638, 171.387 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

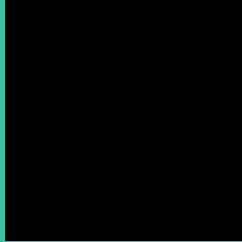
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

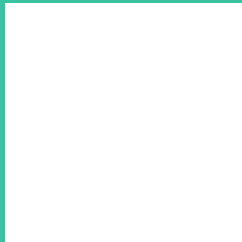
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 71, 44.638, 171.387

Background



This preview shows how black text looks on a background with the CIELCh color 71, 44.638, 171.387.

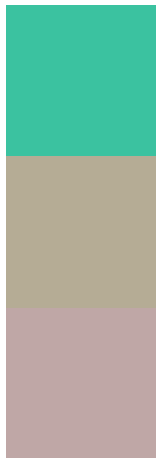


This preview shows how white text looks on a background with the CIELCh color 71, 44.638, 171.387.

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, 44.638, 171.387

Protanopia
71, 13.011, 92.920

Deuteranopia
71, 9.325, 23.502

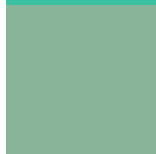


Tritanopia
71, 31.423, 213.552

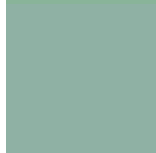
Trichromacy



Original Color
71, 44.638, 171.387



Protanomaly
70, 21.955, 155.435



Deuteranomaly
69, 14.505, 168.762

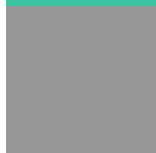


Tritanomaly
71, 34.060, 194.954

Monochromacy



Original Color
71, 44.638, 171.387



Achromatopsia
62, 0.008, 296.813



Achromatomaly
64, 19.001, 177.103

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 44.638, 171.387 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, 194, 160)` looks like.

```
.text, #text, p{  
    color:rgb(59, 194, 160)  
}
```

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, 194, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 194, 160) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 44.638, 171.387 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, 194, 160) }
```

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

```
.border{ border-color:rgb(59, 194, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 194, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 194, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 194, 160);  
box-shadow:4px 4px 4px 4px rgb(59, 194,  
160) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 44.638, 171.387 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 194, 160) }
```

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

```
.background{ background-color: rgb(59, 194,  
160) }
```

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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