

Converting Colors

CIELCh(71, 10.508, 170.709)

Have a look what the booklet for
CIELCh(71, 10.508, 170.709)
contains.

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Color

CIELCh(71, 10.518, 170.702)

Conversions

Conversions Part 1

Format	Color
Hex	9AB3AA
RGB	154, 179, 170
RGB Percent	60%, 70%, 67%
CMY	0.3948, 0.2967, 0.3321
CMYK	0.14, 0.00, 0.05, 0.30
HSL	158°, 14%, 65%
HSV	158°, 14%, 70%
XYZ	36.8596, 42.1875, 44.3914
YIQ	170.4990, -12.0110, -8.0990

Conversions

Conversions Part 2

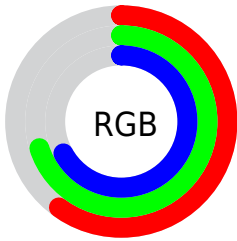
Format	Color
RYB	154, 169, 179
Decimal	10138538
CIELab	71.00, -10.38, 1.70
CIELCh	71, 10.518, 170.702
Yxy	42.1875, 0.2986, 0.3418
Android (android.graphics.Color)	4288328618 (0xFF9AB3AA)
YUV	170.4990, -0.2460, -14.4696
Hunter-Lab	64.9519, -12.3688, 4.9446

Details

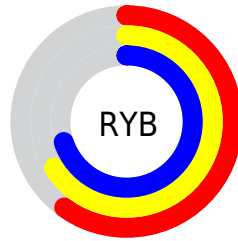
The CIELCh color **71, 10.518, 170.702** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **66, 10.858, 353.213**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 10.582, 169.409**, and **51, 10.207, 171.115** is the 20% darker color. If you saturate the color by 10%, you get **70, 17.911, 169.675**, and if you desaturate by 10%, it is **72, 2.986, 171.725**.

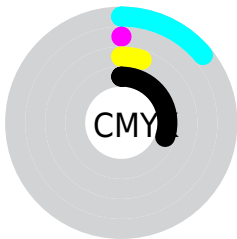
Distribution



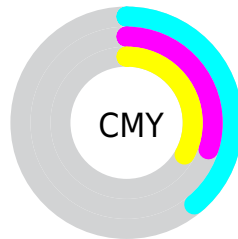
- Red (60%)
- Green (70%)
- Blue (67%)



- Red (60%)
- Yellow (66%)
- Blue (70%)



- Cyan (14%)
- Magenta (0%)
- Yellow (5%)
- Black (30%)





- Cyan (39%)
- Magenta (30%)
- Yellow (33%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 10.518, 170.702 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, 10.518, 170.702 by changing the saturation by 10% instead.


 71, 10.518,
170.702


 71, 10.518,
170.702


 100, 10.518,
170.702


 61, 10.518,
170.702


 91, 10.518,
170.702


 51, 10.518,
170.702

 41, 10.518,
170.702

 31, 10.518,
170.702

 21, 10.518,
170.702

 11, 10.518,
170.702

 1, 10.518, 170.702

■ 0, 10.518, 170.702

■ 71, 10.518,
170.702

■ 71, 10.518,
170.702

■ 70, 17.911,
169.675

■ 72, 2.986, 171.725

■ 69, 25.052,
168.566

■ 74, 4.598, 352.354

■ 68, 31.821,
167.345

■ 76, 12.158,
353.216

■ 67, 38.095,
165.988

■ 78, 19.637,
353.987

■ 66, 43.758,
164.470

■ 80, 26.994,
354.710

■ 65, 48.722,
162.768

■ 81, 31.940,
352.964

■ 81, 33.455,

■ 65, 52.946,
160.864

347.693

■ 65, 56.452,
158.758

■ 81, 35.251,
342.952

■ 65, 58.363,
157.458

■ 81, 37.284,
338.735

Harmonies

Complementary

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



71, 10.518, 170.702



66, 10.858, 353.213

Rectangle

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



71, 10.518, 170.702



71, 10.518, 220.702



71, 10.518, 350.702



71, 10.518, 40.702

Sweetspot

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



71, 10.519, 170.697



91, 3.732, 171.710



71, 14.926, 133.002



49, 2.674, 171.622



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



71, 10.519, 170.697



89, 15.776, 170.363



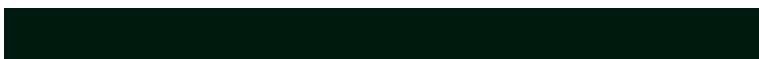
70, 7.974, 212.113



37, 4.265, 171.155



56, 51.635, 157.766



7, 11.157, 165.317

Inverse Universe

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



66, 10.858, 353.213



82, 16.407, 353.572



67, 8.733, 32.197



35, 4.358, 352.731



32, 58.324, 14.631



2, 9.922, 357.494

Previews

White Background



This preview shows how the CIELCh color 71, 10.518, 170.702 looks on a white background.

Color Contrast Check

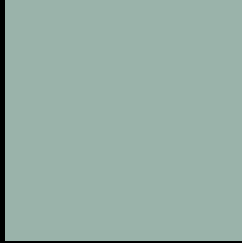
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 71, 10.518, 170.702 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

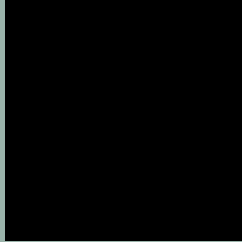
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

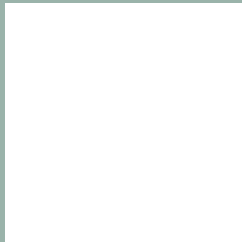
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 71, 10.518, 170.702

Background



This preview shows how black text looks on a background with the CIELCh color 71, 10.518, 170.702.



This preview shows how white text looks on a background with the CIELCh color 71, 10.518, 170.702.

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](#).

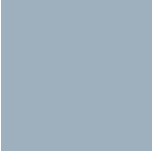
Dichromacy



Original Color
71, 10.518, 170.702

Protanopia
71, 3.767, 79.335

Deuteranopia
71, 8.837, 2.246



Tritanopia
71, 9.803, 250.558

Trichromacy



Original Color
71, 10.518, 170.702

Protanomaly
71, 4.455, 140.351

Deuteranomaly
71, 1.890, 19.307

Tritanomaly
71, 7.808, 223.826

Monochromacy



Original Color
71, 10.518, 170.702

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 3.757, 173.342

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 10.518, 170.702 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(154, 179, 170)` looks like.

```
.text, #text, p{  
    color:rgb(154, 179, 170)  
}
```

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(154, 179, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 179, 170) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 10.518, 170.702 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(154, 179, 170) }
```

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

```
.border{ border-color:rgb(154, 179, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 179, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 179, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 179, 170);  
box-shadow:4px 4px 4px 4px rgb(154, 179,  
170) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 10.518, 170.702 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 179, 170) }
```

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

```
.background{ background-color: rgb(154,  
179, 170) }
```

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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