

Converting Colors

CIELCh(71, 5.510, 199.792)

Have a look what the booklet for
CIELCh(71, 5.510, 199.792) contains.

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Color

CIELCh(71, 5.496, 199.040)

Conversions

Conversions Part 1

Format	Color
Hex	A2B1B1
RGB	162, 177, 177
RGB Percent	64%, 69%, 69%
CMY	0.3655, 0.3067, 0.3067
CMYK	0.08, 0.00, 0.00, 0.31
HSL	180°, 9%, 66%
HSV	180°, 8%, 69%
XYZ	38.4544, 42.1875, 47.6020
YIQ	172.5150, -8.9400, -3.1800

Conversions

Conversions Part 2

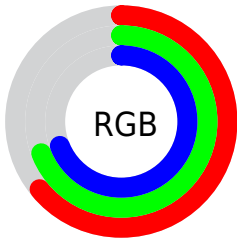
Format	Color
RYB	162, 170, 177
Decimal	10662321
CIELab	71.00, -5.20, -1.79
CIELCh	71, 5.496, 199.040
Yxy	42.1875, 0.2999, 0.3290
Android (android.graphics.Color)	4288852401 (0xFFA2B1B1)
YUV	172.5150, 2.2111, -9.2217
Hunter-Lab	64.9519, -7.9860, 2.0139

Details

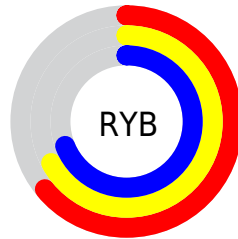
The CIELCh color **71, 5.496, 199.040** is a light color, and the websafe version is hex **999999**. A complement of this color would be **68, 5.794, 19.832**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 5.589, 199.137**, and **51, 5.440, 198.891** is the 20% darker color. If you saturate the color by 10%, you get **70, 11.651, 198.470**, and if you desaturate by 10%, it is **72, 1.006, 18.975**.

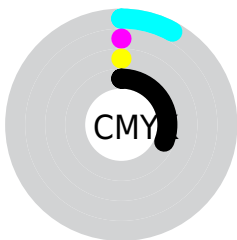
Distribution



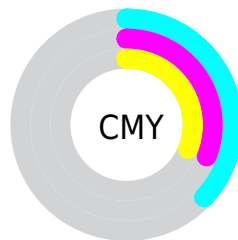
- Red (64%)
- Green (69%)
- Blue (69%)



- Red (64%)
- Yellow (67%)
- Blue (69%)



- Cyan (8%)
- Magenta (0%)
- Yellow (0%)
- Black (31%)



- Cyan (37%)
- Magenta (31%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 5.496, 199.040 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, 5.496, 199.040 by changing the saturation by 10% instead.

■ 71, 5.496, 199.040

■ 71, 5.496, 199.040

■ 100, 5.496,
199.040

■ 61, 5.496, 199.040

■ 91, 5.496, 199.040

■ 51, 5.496, 199.040

■ 41, 5.496, 199.040

■ 31, 5.496, 199.040

■ 21, 5.496, 199.040

■ 11, 5.496, 199.040

■ 1, 5.496, 199.040

■ 0, 5.496, 199.040

■ 71, 5.496, 199.040

■ 71, 5.496, 199.040

70, 11.651,
198.470

72, 1.006, 18.975

69, 17.357,
197.993

74, 7.765, 19.983

68, 22.510,
197.576

75, 14.701, 20.607

67, 27.009,
197.219

79, 28.849, 21.849

79, 30.783, 22.017

66, 30.772,
196.924

79, 30.783, 22.014

66, 33.741,
196.695

79, 30.783, 22.011

79, 30.782, 22.008

66, 35.896,
196.529

65, 37.264,
196.424

65, 37.986,

Harmonies

Complementary

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



71, 5.496, 199.040



68, 5.794, 19.832

Rectangle

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



71, 5.496, 199.040



71, 5.496, 249.040



71, 5.496, 19.040



71, 5.496, 69.040

Sweetspot

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



71, 5.497, 199.024



91, 2.433, 199.475



71, 9.958, 143.545



48, 1.839, 199.380



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



71, 5.497, 199.024



89, 7.977, 198.921



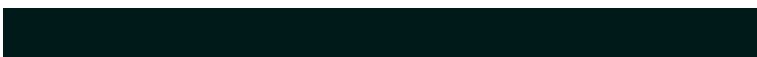
69, 4.844, 254.725



37, 3.691, 198.972



57, 34.230, 196.360



7, 9.138, 199.081

Inverse Universe

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



68, 5.794, 19.832



85, 8.499, 19.964



70, 4.947, 72.523



35, 3.911, 19.898



31, 70.924, 39.519



2, 9.156, 19.394

Previews

White Background



This preview shows how the CIELCh color 71, 5.496, 199.040 looks on a white background.

Color Contrast Check

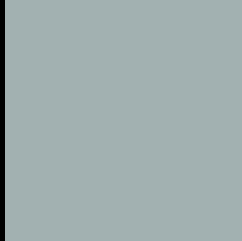
Large Text (above 18pt) WCAG AA × Fail

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, 5.496, 199.040 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

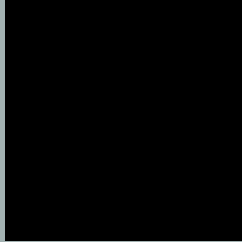
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

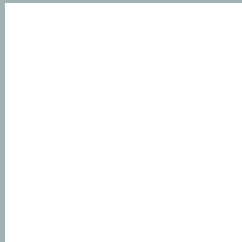
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 71, 5.496, 199.040

Background



This preview shows how black text looks on a background with the CIELCh color 71, 5.496, 199.040.



This preview shows how white text looks on a background with the CIELCh color 71, 5.496, 199.040.

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, 8.510, 263.467

Trichromacy



Original Color
71, 5.496, 199.040

Protanomaly
71, 1.239, 225.905

Deuteranomaly
71, 4.663, 324.604

Tritanomaly
71, 6.706, 246.422

Monochromacy



Original Color
71, 5.496, 199.040

Achromatopsia
70, 0.009, 296.813

Achromatomaly
71, 2.231, 199.440

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 5.496, 199.040 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(162, 177, 177)` looks like.

```
.text, #text, p{  
    color:rgb(162, 177, 177)  
}
```

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(162, 177, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 177, 177) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 5.496, 199.040 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(162, 177, 177) }
```

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

```
.border{ border-color:rgb(162, 177, 177) }
```

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

Here you see how a box with a 4 pixel rgb(162, 177, 177) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 177, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 177, 177);  
box-shadow:4px 4px 4px 4px rgb(162, 177,  
177) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 5.496, 199.040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 177, 177) }
```

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

```
.background{ background-color: rgb(162,  
177, 177) }
```

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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