

Converting Colors

CIELCh(71, 5.431, 194.824)

Have a look what the booklet for
CIELCh(71, 5.431, 194.824) contains.

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Color

CIELCh(71, 5.547, 193.374)

Conversions

Conversions Part 1

Format	Color
Hex	A2B1B0
RGB	162, 177, 176
RGB Percent	64%, 69%, 69%
CMY	0.3652, 0.3064, 0.3103
CMYK	0.08, 0.00, 0.01, 0.31
HSL	176°, 9%, 66%
HSV	176°, 8%, 69%
XYZ	38.3916, 42.1875, 47.1239
YIQ	172.4010, -8.6190, -3.4910

Conversions

Conversions Part 2

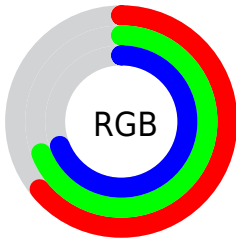
Format	Color
RYB	162, 170, 177
Decimal	10662320
CIELab	71.00, -5.40, -1.28
CIELCh	71, 5.547, 193.374
Yxy	42.1875, 0.3006, 0.3304
Android (android.graphics.Color)	4288852400 (0xFFA2B1B0)
YUV	172.4010, 1.7743, -9.1217
Hunter-Lab	64.9519, -8.1585, 2.4503

Details

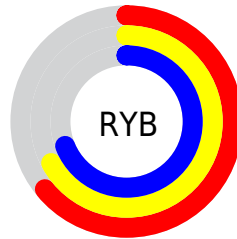
The CIELCh color **71, 5.547, 193.374** is a light color, and the websafe version is hex **999999**. A complement of this color would be **68, 5.811, 14.427**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 5.632, 193.845**, and **51, 5.440, 198.891** is the 20% darker color. If you saturate the color by 10%, you get **70, 11.811, 192.619**, and if you desaturate by 10%, it is **72, 1.014, 13.480**.

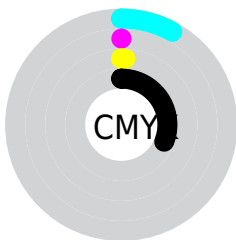
Distribution



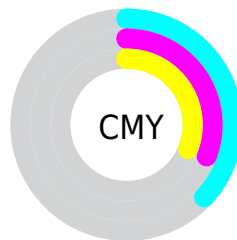
- Red (64%)
- Green (69%)
- Blue (69%)



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



- Cyan (8%)
- Magenta (0%)
- Yellow (1%)
- Black (31%)



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 5.547, 193.374 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, 5.547, 193.374 by changing the saturation by 10% instead.

■ 71, 5.547, 193.374

■ 71, 5.547, 193.374

■ 100, 5.547,
193.374

■ 61, 5.547, 193.374

■ 91, 5.547, 193.374

■ 51, 5.547, 193.374

■ 41, 5.547, 193.374

■ 31, 5.547, 193.374

■ 21, 5.547, 193.374

■ 11, 5.547, 193.374

■ 1, 5.547, 193.374

■ 0, 5.547, 193.374

■ 71, 5.547, 193.374

■ 71, 5.547, 193.374

70, 11.811,
192.619

72, 1.014, 13.480

69, 17.675,
191.917

74, 7.784, 14.605

68, 23.031,
191.226

76, 14.686, 15.335

67, 27.776,
190.539

79, 28.648, 16.743

66, 31.815,
189.848

80, 30.488, 16.072

66, 35.079,
189.142

80, 30.479, 14.907

65, 37.538,
188.410

80, 30.483, 13.743

65, 39.209,
187.637

80, 30.501, 12.579

65, 40.225,

186.816

Harmonies

Complementary

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



71, 5.547, 193.374



68, 5.811, 14.427

Rectangle

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



71, 5.547, 193.374



71, 5.547, 243.374



71, 5.547, 13.374



71, 5.547, 63.374

Sweetspot

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



71, 5.548, 193.360



91, 2.449, 193.894



71, 9.746, 141.765



48, 1.853, 193.788



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, 5.548, 193.360



89, 8.056, 193.227



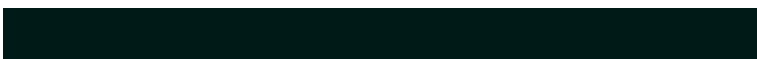
69, 4.648, 246.940



37, 3.726, 193.293



57, 36.244, 186.796



7, 9.270, 191.128

Inverse Universe

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



68, 5.811, 14.427



85, 8.516, 14.583



69, 4.791, 64.929



35, 3.920, 14.505



31, 68.490, 36.785



2, 9.191, 15.117

Previews

White Background



This preview shows how the CIELCh color 71, 5.547, 193.374 looks on a white background.

Color Contrast Check

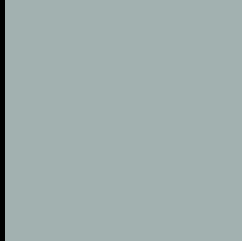
Large Text (above 18pt) WCAG AA × Fail

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, 5.547, 193.374 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

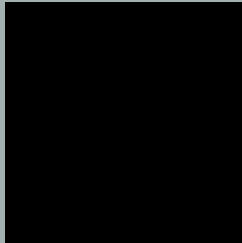
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 5.547, 193.374

Background



This preview shows how black text looks on a background with the CIELCh color 71, 5.547, 193.374.



This preview shows how white text looks on a background with the CIELCh color 71, 5.547, 193.374.

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, 5.547, 193.374

Protanopia
71, 1.130, 19.064

Deuteranopia
71, 9.335, 344.496



Tritanopia
71, 8.510, 263.467

Trichromacy



Original Color
71, 5.547, 193.374

Protanomaly
71, 1.119, 199.755

Deuteranomaly
71, 4.225, 328.777

Tritanomaly
71, 6.336, 242.861

Monochromacy



Original Color
71, 5.547, 193.374

Achromatopsia
70, 0.009, 296.813

Achromatomaly
71, 2.308, 185.738

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 5.547, 193.374 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, 176)` looks like.

```
.text, #text, p{  
    color:rgb(162, 177, 176)  
}
```

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, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 177, 176) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 5.547, 193.374 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, 176) }
```

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

```
.border{ border-color:rgb(162, 177, 176) }
```

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, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 177, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 177, 176);  
box-shadow:4px 4px 4px 4px rgb(162, 177,  
176) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 5.547, 193.374 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, 176) }
```

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

```
.background{ background-color: rgb(162,  
177, 176) }
```

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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