

Converting Colors

CIELCh(71, 4.886, 91.850)

Have a look what the booklet for
CIELCh(71, 4.886, 91.850) contains.

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Color

CIELCh(71, 5.015, 96.414)

Conversions

Conversions Part 1

Format	Color
Hex	B1AEA5
RGB	177, 174, 165
RGB Percent	69%, 68%, 65%
CMY	0.3070, 0.3187, 0.3540
CMYK	0.00, 0.02, 0.07, 0.31
HSL	45°, 7%, 67%
HSV	45°, 7%, 69%
XYZ	39.9185, 42.1875, 41.5070
YIQ	173.8710, 4.6770, -2.1630

Conversions

Conversions Part 2

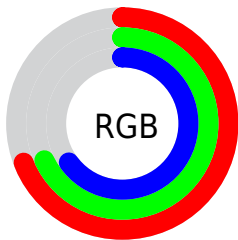
Format	Color
RYB	169, 177, 165
Decimal	11644581
CIELab	71.00, -0.56, 4.98
CIELCh	71, 5.015, 96.414
Yxy	42.1875, 0.3229, 0.3413
Android (android.graphics.Color)	4289834661 (0xFFB1AEA5)
YUV	173.8710, -4.3734, 2.7441
Hunter-Lab	64.9519, -3.9623, 7.5775

Details

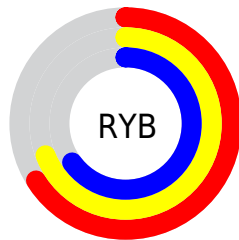
The CIELCh color **71, 5.015, 96.414** is a light color, and the websafe version is hex **999999**. A complement of this color would be **69, 5.052, 278.097**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 4.854, 92.388**, and **51, 5.278, 100.509** is the 20% darker color. If you saturate the color by 10%, you get **69, 12.494, 95.263**, and if you desaturate by 10%, it is **73, 2.371, 277.687**.

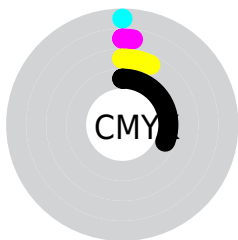
Distribution



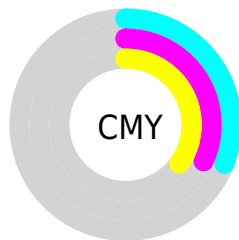
- Red (69%)
- Green (68%)
- Blue (65%)



- Red (66%)
- Yellow (69%)
- Blue (65%)



- Cyan (0%)
- Magenta (2%)
- Yellow (7%)
- Black (31%)



- Cyan (31%)
- Magenta (32%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 5.015, 96.414 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, 5.015, 96.414 by changing the saturation by 10% instead.

■ 71, 5.015, 96.414

■ 71, 5.015, 96.414

■ 100, 5.015, 96.414

■ 61, 5.015, 96.414

■ 91, 5.015, 96.414

■ 51, 5.015, 96.414

■ 41, 5.015, 96.414

■ 31, 5.015, 96.414

■ 21, 5.015, 96.414

■ 11, 5.015, 96.414

■ 1, 5.015, 96.414

■ 0, 5.015, 96.414

■ 71, 5.015, 96.414

■ 71, 5.015, 96.414

69, 12.494, 95.263

73, 2.371, 277.687

68, 20.044, 94.041

74, 9.661, 278.735

66, 27.625, 92.783

76, 16.852,
279.782

65, 35.160, 91.495

78, 23.946,
280.784

63, 42.509, 90.177

62, 49.428, 88.819

79, 30.948,
281.737

61, 55.516, 87.396

81, 29.791,
278.440

60, 60.197, 85.846

58, 62.952, 84.086

82, 27.792,
274.129

83, 25.970,
269.222

84, 24.361,
263.664

Harmonies

Complementary

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



71, 5.015, 96.414



69, 5.052, 278.097

Rectangle

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



71, 5.015, 96.414



71, 5.015, 146.414



71, 5.015, 276.414



71, 5.015, 326.414

Sweetspot

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



71, 5.016, 96.433



91, 1.815, 96.904



69, 4.874, 0.053



48, 1.031, 96.910



96, 0.011, 296.813



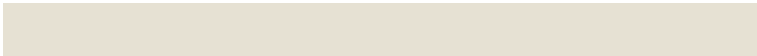
48, 0.006, 296.813

Same Dimension

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



71, 5.016, 96.433



90, 7.320, 96.280



72, 6.619, 119.501



37, 4.228, 96.144



51, 57.326, 83.769



6, 9.244, 90.258

Inverse Universe

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



69, 5.052, 278.097



86, 7.373, 278.263



68, 6.720, 300.332



35, 4.261, 278.414



23, 74.299, 300.167



2, 10.869, 280.832

Previews

White Background



This preview shows how the CIELCh color 71, 5.015, 96.414 looks on a white background.

Color Contrast Check

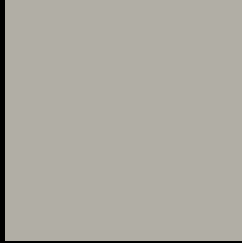
Large Text (above 18pt) WCAG AA × Fail

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, 5.015, 96.414 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

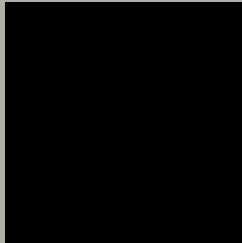
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

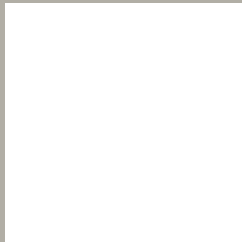
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 71, 5.015, 96.414

Background



This preview shows how black text looks on a background with the CIELCh color 71, 5.015, 96.414.

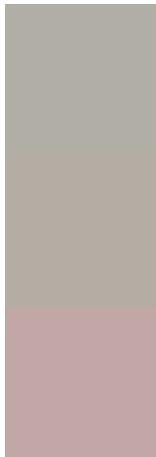


This preview shows how white text looks on a background with the CIELCh color 71, 5.015, 96.414.

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, 5.015, 96.414

Protanopia

71, 5.399, 84.326

Deuteranopia

71, 9.776, 26.554



Tritanopia
71, 7.882, 315.759

Trichromacy



Original Color
71, 5.015, 96.414

Protanomaly
71, 5.247, 88.160

Deuteranomaly
71, 6.919, 38.154

Tritanomaly
71, 3.810, 333.892

Monochromacy



Original Color
71, 5.015, 96.414

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 1.665, 96.869

CSS Examples

Text

The CSS property to change the color of the text to CIElCh 71, 5.015, 96.414 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(177, 174, 165)` looks like.

```
.text, #text, p{  
    color:rgb(177, 174, 165)  
}
```

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(177, 174, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 174, 165) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 5.015, 96.414 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(177, 174, 165) }
```

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

```
.border{ border-color:rgb(177, 174, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 174, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 174, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 174, 165);  
box-shadow:4px 4px 4px 4px rgb(177, 174,  
165) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 5.015, 96.414 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 174, 165) }
```

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

```
.background{ background-color: rgb(177,  
174, 165) }
```

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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