

Converting Colors

CIELCh(71, 16.130, 98.985)

Have a look what the booklet for
CIELCh(71, 16.130, 98.985) contains.

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Color

CIELCh(71, 15.979, 98.474)

Conversions

Conversions Part 1

Format	Color
Hex	B5AE91
RGB	181, 174, 145
RGB Percent	71%, 68%, 57%
CMY	0.2898, 0.3173, 0.4310
CMYK	0.00, 0.04, 0.20, 0.29
HSL	48°, 20%, 64%
HSV	48°, 20%, 71%
XYZ	39.3473, 42.1875, 32.8915
YIQ	172.7870, 13.4810, -7.5350

Conversions

Conversions Part 2

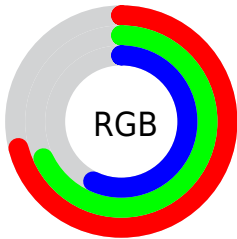
Format	Color
R_YB	154, 181, 145
Decimal	11906705
CIE Lab	71.00, -2.35, 15.80
CIE LCh	71, 15.979, 98.474
Yxy	42.1875, 0.3439, 0.3687
Android (android.graphics.Color)	4290096785 (0xFFB5AE91)
YUV	172.7870, -13.6990, 7.2028
Hunter-Lab	64.9519, -5.5320, 15.4420

Details

The CIELCh color **71, 15.979, 98.474** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **63, 16.345, 283.288**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 15.757, 97.891**, and **51, 16.387, 98.877** is the 20% darker color. If you saturate the color by 10%, you get **70, 24.065, 97.305**, and if you desaturate by 10%, it is **72, 7.912, 99.621**.

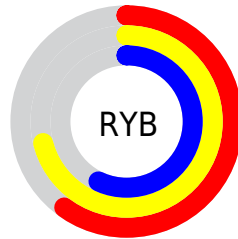
Distribution



Red (71%)

Green (68%)

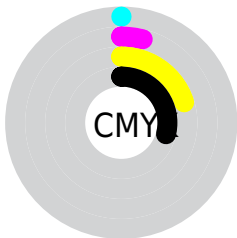
Blue (57%)



Red (60%)

Yellow (71%)

Blue (57%)

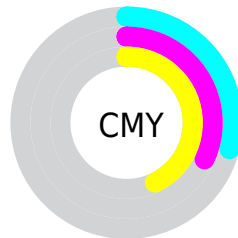


Cyan (0%)

Magenta (4%)

Yellow (20%)

Black (29%)



Cyan (29%)

Magenta (32%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 15.979, 98.474 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, 15.979, 98.474 by changing the saturation by 10% instead.

■ 71, 15.979, 98.474

■ 71, 15.979, 98.474

■ 100, 15.979,
98.474

■ 61, 15.979, 98.474

■ 91, 15.979, 98.474

■ 51, 15.979, 98.474

■ 41, 15.979, 98.474

■ 31, 15.979, 98.474

■ 21, 15.979, 98.474

■ 11, 15.979, 98.474

■ 1, 15.979, 98.474

■ 0, 15.979, 98.474

■ 71, 15.979, 98.474

■ 71, 15.979, 98.474

70, 24.065, 97.305

72, 7.912, 99.621

68, 32.104, 96.106

74, 0.103, 282.140

67, 39.984, 94.890

75, 8.048, 281.845

66, 47.513, 93.664

77, 15.915,
282.865

65, 54.374, 92.425

78, 23.698,
283.845

64, 60.091, 91.159

63, 64.070, 89.827

80, 31.400,
284.779

62, 66.241, 88.402

81, 30.268,
282.217

62, 66.266, 88.386

82, 28.557,
279.082

82, 26.940,
275.583

Harmonies

Complementary

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



71, 15.979, 98.474



63, 16.345, 283.288

Rectangle

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



71, 15.979, 98.474



71, 15.979, 148.474



71, 15.979, 278.474



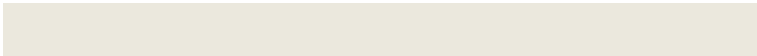
71, 15.979, 328.474

Sweetspot

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



71, 15.980, 98.481



92, 5.917, 100.036



64, 14.752, 5.223



49, 3.923, 99.967



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, 15.980, 98.481



89, 23.835, 97.953



72, 19.896, 120.668



38, 4.586, 99.681



54, 59.293, 88.581



8, 11.451, 94.920

Inverse Universe

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



63, 16.345, 283.288



77, 24.516, 283.981



62, 20.666, 303.052



36, 4.640, 281.857



21, 80.475, 302.278



2, 13.224, 283.794

Previews

White Background



This preview shows how the CIELCh color 71, 15.979, 98.474 looks on a white background.

Color Contrast Check

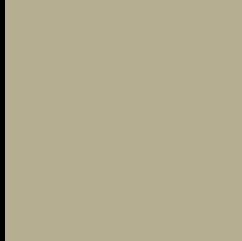
Large Text (above 18pt) WCAG AA × Fail

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, 15.979, 98.474 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

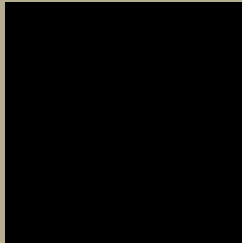
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

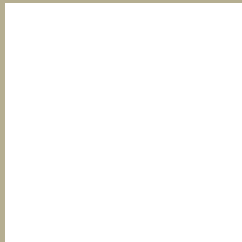
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 71, 15.979, 98.474

Background



This preview shows how black text looks on a background with the CIELCh color 71, 15.979, 98.474.



This preview shows how white text looks on a background with the CIELCh color 71, 15.979, 98.474.

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, 15.979, 98.474

Protanopia

71, 15.729, 93.837

Deuteranopia

71, 17.759, 59.925



Tritanopia
71, 9.561, 332.342

Trichromacy



Original Color
71, 15.979, 98.474

Protanomaly
71, 15.629, 95.271

Deuteranomaly
71, 16.095, 73.527

Tritanomaly
71, 5.090, 32.045

Monochromacy



Original Color
71, 15.979, 98.474

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 5.553, 97.622

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 15.979, 98.474 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(181, 174, 145)` looks like.

```
.text, #text, p{  
    color:rgb(181, 174, 145)  
}
```

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(181, 174, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 174, 145) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 15.979, 98.474 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(181, 174, 145) }
```

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

```
.border{ border-color:rgb(181, 174, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 174, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 174, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 174, 145);  
box-shadow:4px 4px 4px 4px rgb(181, 174,  
145) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 15.979, 98.474 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 174, 145) }
```

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

```
.background{ background-color: rgb(181,  
174, 145) }
```

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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