

Converting Colors

CIELCh(71, 18.026, 99.719)

Have a look what the booklet for
CIELCh(71, 18.026, 99.719) contains.

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Color

CIELCh(71, 18.112, 99.390)

Conversions

Conversions Part 1

Format	Color
Hex	B5AE8D
RGB	181, 174, 141
RGB Percent	71%, 68%, 55%
CMY	0.2889, 0.3164, 0.4459
CMYK	0.00, 0.04, 0.22, 0.29
HSL	50°, 21%, 63%
HSV	50°, 22%, 71%
XYZ	39.1575, 42.1875, 31.3965
YIQ	172.3310, 14.7650, -8.7790

Conversions

Conversions Part 2

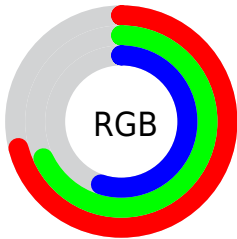
Format	Color
R_{YB}	149, 181, 141
Decimal	11906701
CIE _{Lab}	71.00, -2.96, 17.87
CIE _{LCh}	71, 18.112, 99.390
Yxy	42.1875, 0.3473, 0.3742
Android (android.graphics.Color)	4290096781 (0xFFB5AE8D)
YUV	172.3310, -15.4462, 7.6027
Hunter-Lab	64.9519, -6.0538, 16.8067

Details

The CIELCh color **71, 18.112, 99.390** is a light color, and the websafe version is hex **999966**. A complement of this color would be **62, 18.637, 284.703**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 17.785, 98.931**, and **51, 18.085, 99.459** is the 20% darker color. If you saturate the color by 10%, you get **70, 26.336, 98.238**, and if you desaturate by 10%, it is **72, 9.880, 100.526**.

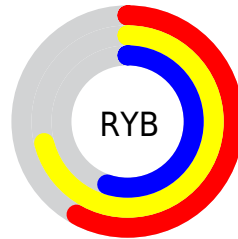
Distribution



Red (71%)

Green (68%)

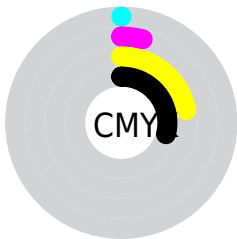
Blue (55%)



Red (58%)

Yellow (71%)

Blue (55%)

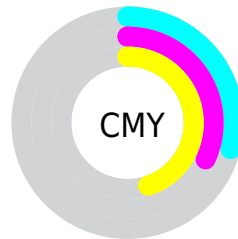


Cyan (0%)

Magenta (4%)

Yellow (22%)

Black (29%)



Cyan (29%)

Magenta (32%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 18.112, 99.390 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, 18.112, 99.390 by changing the saturation by 10% instead.

71, 18.112, 99.390

71, 18.112, 99.390

100, 18.112,
99.390

61, 18.112, 99.390

91, 18.112, 99.390

51, 18.112, 99.390

41, 18.112, 99.390

31, 18.112, 99.390

21, 18.112, 99.390

11, 18.112, 99.390

1, 18.112, 99.390

0, 18.112, 99.390

71, 18.112, 99.390

71, 18.112, 99.390

70, 26.336, 98.238

72, 9.880, 100.526

69, 34.472, 97.062

74, 1.681, 101.564

68, 42.388, 95.877

75, 6.461, 282.731

67, 49.861, 94.690

76, 14.533,
283.744

66, 56.536, 93.504

78, 22.529,
284.720

65, 61.903, 92.305

64, 65.383, 91.062

79, 30.446,
285.651

63, 66.953, 90.036

80, 31.374,
284.141

81, 29.778,
281.523

82, 28.251,
278.633

Harmonies

Complementary

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



71, 18.112, 99.390



62, 18.637, 284.703

Rectangle

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



71, 18.112, 99.390



71, 18.112, 149.390



71, 18.112, 279.390



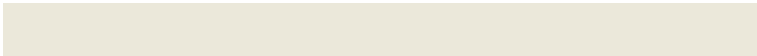
71, 18.112, 329.390

Sweetspot

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



71, 18.113, 99.396



92, 7.051, 101.068



63, 16.409, 6.751



49, 4.579, 101.005



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, 18.113, 99.396



89, 26.325, 98.893



72, 22.156, 121.198



38, 4.681, 100.826



55, 59.851, 90.209



8, 11.773, 96.727

Inverse Universe

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



62, 18.637, 284.703



76, 27.259, 285.385



61, 23.095, 303.792



36, 4.742, 282.966



21, 82.128, 302.890



2, 13.431, 284.536

Previews

White Background



This preview shows how the CIELCh color 71, 18.112, 99.390 looks on a white background.

Color Contrast Check

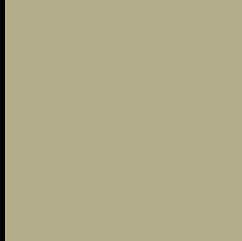
Large Text (above 18pt) WCAG AA × Fail

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, 18.112, 99.390 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

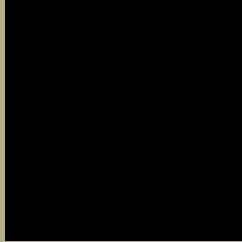
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 18.112, 99.390

Background



This preview shows how black text looks on a background with the CIELCh color 71, 18.112, 99.390.



This preview shows how white text looks on a background with the CIELCh color 71, 18.112, 99.390.

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, 18.112, 99.390

Protanopia

71, 17.935, 94.031

Deuteranopia

71, 19.240, 62.530



Tritanopia
71, 9.814, 334.009

Trichromacy



Original Color
71, 18.112, 99.390

Protanomaly
71, 17.836, 95.300

Deuteranomaly
71, 18.181, 76.048

Tritanomaly
71, 5.805, 41.717

Monochromacy



Original Color
71, 18.112, 99.390

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 6.624, 99.432

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 18.112, 99.390 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, 141)` looks like.

```
.text, #text, p{  
    color:rgb(181, 174, 141)  
}
```

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, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 174, 141) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 18.112, 99.390 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, 141) }
```

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

```
.border{ border-color:rgb(181, 174, 141) }
```

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, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 174, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 174, 141);  
box-shadow:4px 4px 4px 4px rgb(181, 174,  
141) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 18.112, 99.390 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, 141) }
```

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

```
.background{ background-color: rgb(181,  
174, 141) }
```

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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