

Converting Colors

CIELCh(71, 12.333, 101.747)

Have a look what the booklet for
CIELCh(71, 12.333, 101.747)
contains.

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Color

CIELCh(71, 12.047, 101.448)

Conversions

Conversions Part 1

Format	Color
Hex	B2AE98
RGB	178, 174, 152
RGB Percent	70%, 68%, 60%
CMY	0.3006, 0.3163, 0.4026
CMYK	0.00, 0.02, 0.15, 0.30
HSL	51°, 15%, 65%
HSV	51°, 15%, 70%
XYZ	39.3358, 42.1875, 35.9191
YIQ	172.6880, 9.4460, -5.9940

Conversions

Conversions Part 2

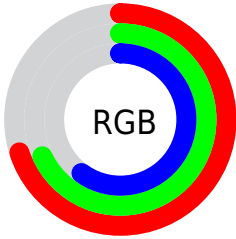
Format	Color
RYB	157, 178, 152
Decimal	11710104
CIELab	71.00, -2.39, 11.81
CIELCh	71, 12.047, 101.448
Yxy	42.1875, 0.3349, 0.3592
Android (android.graphics.Color)	4289900184 (0xFFB2AE98)
YUV	172.6880, -10.1992, 4.6586
Hunter-Lab	64.9519, -5.5636, 12.6784

Details

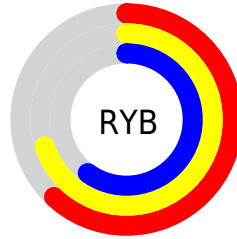
The CIELCh color **71, 12.047, 101.448** is a light color, and the websafe version is hex **999999**. A complement of this color would be **65, 12.302, 284.785**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 12.008, 100.304**, and **51, 12.222, 102.577** is the 20% darker color. If you saturate the color by 10%, you get **70, 20.335, 100.342**, and if you desaturate by 10%, it is **72, 3.772, 102.525**.

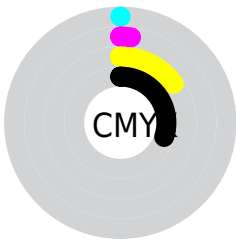
Distribution



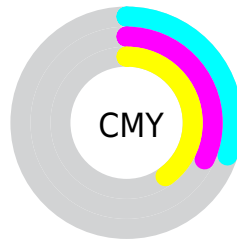
- Red (70%)
- Green (68%)
- Blue (60%)



- Red (62%)
- Yellow (70%)
- Blue (60%)



- Cyan (0%)
- Magenta (2%)
- Yellow (15%)
- Black (30%)




- Cyan (30%)
- Magenta (32%)
- Yellow (40%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 12.047, 101.448 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, 12.047, 101.448 by changing the saturation by 10% instead.


 71, 12.047,
101.448


 71, 12.047,
101.448


 100, 12.047,
101.448


 61, 12.047,
101.448


 91, 12.047,
101.448

 51, 12.047,
101.448

 41, 12.047,
101.448

 31, 12.047,
101.448

 21, 12.047,
101.448

 11, 12.047,
101.448

 1, 12.047, 101.448

0, 12.047, 101.448

71, 12.047,
101.448

71, 12.047,
101.448

70, 20.335,
100.342

72, 3.772, 102.525

69, 28.577, 99.206

73, 4.463, 283.641

68, 36.684, 98.061

75, 12.640,
284.642

67, 44.499, 96.916

76, 20.750,
285.613

66, 51.768, 95.782

77, 28.788,
286.541

65, 58.101, 94.663

64, 62.971, 93.553

78, 34.464,
286.762

63, 65.852, 92.424

79, 33.021,

■ 63, 66.888, 91.808 284.814

■ 80, 31.618,
282.702

■ 81, 30.262,
280.409

Harmonies

Complementary

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



71, 12.047, 101.448



65, 12.302, 284.785

Rectangle

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



71, 12.047, 101.448



71, 12.047, 151.448



71, 12.047, 281.448



71, 12.047, 331.448

Sweetspot

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



71, 12.048, 101.456



91, 4.076, 102.576



65, 10.445, 7.154



49, 2.922, 102.501



96, 0.011, 296.813



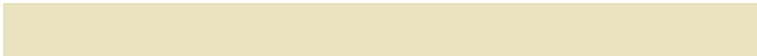
49, 0.007, 296.813

Same Dimension

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



71, 12.048, 101.456



89, 18.432, 101.044



71, 14.509, 122.268



37, 4.675, 102.028



55, 59.800, 91.957



7, 10.532, 99.062

Inverse Universe

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



65, 12.302, 284.785



80, 18.919, 285.291



64, 14.899, 303.880



35, 4.742, 284.121



20, 82.722, 303.462



1, 11.772, 284.880

Previews

White Background



This preview shows how the CIELCh color 71, 12.047, 101.448 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, 12.047, 101.448 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

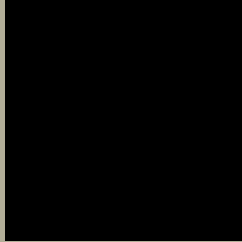
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 12.047, 101.448

Background



This preview shows how black text looks on a background with the CIELCh color 71, 12.047, 101.448.



This preview shows how white text looks on a background with the CIELCh color 71, 12.047, 101.448.

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, 12.047, 101.448

Protanopia

71, 11.952, 91.671

Deuteranopia

71, 14.341, 49.647



Tritanopia
71, 8.630, 324.799

Trichromacy



Original Color
71, 12.047, 101.448

Protanomaly
71, 11.840, 93.515

Deuteranomaly
71, 12.509, 67.237

Tritanomaly
71, 3.415, 19.554

Monochromacy



Original Color
71, 12.047, 101.448

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 4.412, 99.737

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 12.047, 101.448 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(178, 174, 152)` looks like.

```
.text, #text, p{  
    color:rgb(178, 174, 152)  
}
```

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(178, 174, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 174, 152) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 12.047, 101.448 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(178, 174, 152) }
```

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

```
.border{ border-color:rgb(178, 174, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 174, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 174, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 174, 152);  
box-shadow:4px 4px 4px 4px rgb(178, 174,  
152) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 12.047, 101.448 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 174, 152) }
```

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

```
.background{ background-color: rgb(178,  
174, 152) }
```

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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