

Converting Colors

CIELCh(70, 27.839, 103.398)

Have a look what the booklet for
CIELCh(70, 27.839, 103.398)
contains.

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Color

CIELCh(70, 27.619, 103.047)

Conversions

Conversions Part 1

Format	Color
Hex	B2AD7A
RGB	178, 173, 122
RGB Percent	70%, 68%, 48%
CMY	0.3020, 0.3216, 0.5216
CMYK	0.00, 0.03, 0.31, 0.30
HSL	55°, 27%, 59%
HSV	55°, 31%, 70%
XYZ	36.8094, 40.7494, 24.3334
YIQ	168.6810, 19.3510, -14.8010

Conversions

Conversions Part 2

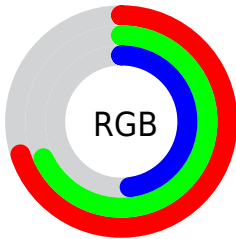
Format	Color
RYB	127, 178, 122
Decimal	11709818
CIELab	70.00, -6.23, 26.91
CIElCh	70, 27.619, 103.047
Yxy	40.7494, 0.3613, 0.3999
Android (android.graphics.Color)	4289899898 (0xFFB2AD7A)
YUV	168.6810, -23.0137, 8.1728
Hunter-Lab	63.8353, -8.7830, 22.0839

Details

The CIELCh color **70, 27.619, 103.047** is a light color, and the websafe version is hex **999966**. A complement of this color would be **55, 29.366, 290.419**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **90, 27.369, 103.032**, and **50, 27.496, 103.694** is the 20% darker color. If you saturate the color by 10%, you get **69, 36.178, 102.001**, and if you desaturate by 10%, it is **71, 18.895, 104.103**.

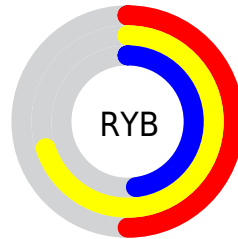
Distribution



Red (70%)

Green (68%)

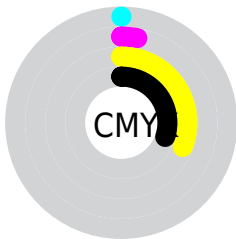
Blue (48%)



Red (50%)

Yellow (70%)

Blue (48%)

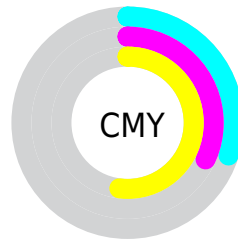


Cyan (0%)

Magenta (3%)

Yellow (31%)

Black (30%)



Cyan (30%)


Magenta (32%)


Yellow (52%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 27.619, 103.047 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 70, 27.619, 103.047 by changing the saturation by 10% instead.


 70, 27.619,
103.047


 70, 27.619,
103.047


 100, 27.619,
103.047


 60, 27.619,
103.047


 90, 27.619,
103.047

 50, 27.619,
103.047

 40, 27.619,
103.047

 30, 27.619,
103.047

 20, 27.619,
103.047

 10, 27.619,
103.047

 0, 27.619, 103.047

70, 27.619,
103.047

70, 27.619,
103.047

69, 36.178,
102.001

71, 18.895,
104.103

69, 44.419,
100.970

72, 10.096,
105.143

68, 52.106, 99.977

72, 1.279, 106.102

67, 58.880, 99.043

73, 7.521, 287.181

67, 64.268, 98.187

74, 16.283,
288.132

66, 67.778, 97.419

75, 24.993,
289.049

66, 69.461, 96.815

76, 33.642,
289.925

77, 37.247,
289.834

■ 77, 36.373,
288.872

Harmonies

Complementary

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



70, 27.619, 103.047



55, 29.366, 290.419

Rectangle

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



70, 27.619, 103.047



70, 27.619, 153.047



70, 27.619, 283.047



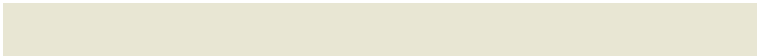
70, 27.619, 333.047

Sweetspot

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



70, 27.620, 103.051



91, 9.833, 105.378



57, 23.377, 14.392



49, 6.889, 105.231



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



70, 27.620, 103.051



88, 41.224, 102.294



70, 31.508, 123.926



37, 4.999, 105.361



57, 62.174, 96.892



8, 11.596, 104.166

Inverse Universe

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



55, 29.366, 290.419



65, 44.625, 291.674



55, 33.245, 307.270



35, 5.089, 287.341



18, 86.986, 304.913



1, 12.407, 287.264

Previews

White Background



This preview shows how the CIELCh color 70, 27.619, 103.047 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 70, 27.619, 103.047 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

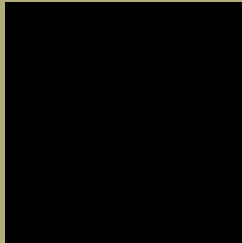
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 27.619, 103.047

Background



This preview shows how black text looks on a background with the CIELCh color 70, 27.619, 103.047.



This preview shows how white text looks on a background with the CIELCh color 70, 27.619, 103.047.

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

70, 27.619, 103.047

Protanopia

70, 27.630, 96.015

Deuteranopia

70, 27.656, 71.225



Tritanopia
70, 10.107, 335.606

Trichromacy



Original Color
70, 27.619, 103.047

Protanomaly
70, 27.894, 98.726

Deuteranomaly
70, 26.649, 82.390

Tritanomaly
70, 7.863, 69.220

Monochromacy



Original Color
70, 27.619, 103.047

Achromatopsia
69, 0.009, 296.813

Achromatomaly
69, 9.852, 104.601

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 27.619, 103.047 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, 173, 122)` looks like.

```
.text, #text, p{  
    color:rgb(178, 173, 122)  
}
```

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, 173, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 173, 122) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 27.619, 103.047 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, 173, 122) }
```

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

```
.border{ border-color:rgb(178, 173, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 173, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 173, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 173, 122);  
box-shadow:4px 4px 4px 4px rgb(178, 173,  
122) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 27.619, 103.047 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 173, 122) }
```

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

```
.background{ background-color: rgb(178,  
173, 122) }
```

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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