

Converting Colors

CIELCh(70, 39.889, 100.560)

Have a look what the booklet for
CIELCh(70, 39.889, 100.560)
contains.

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Color

CIELCh(70, 39.682, 100.531)

Conversions

Conversions Part 1

Format	Color
Hex	B6AD63
RGB	182, 173, 99
RGB Percent	71%, 68%, 39%
CMY	0.2862, 0.3214, 0.6116
CMYK	0.00, 0.05, 0.46, 0.29
HSL	53°, 36%, 55%
HSV	53°, 46%, 71%
XYZ	36.5020, 40.7494, 17.7534
YIQ	167.2550, 29.1180, -21.1060

Conversions

Conversions Part 2

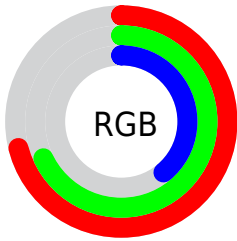
Format	Color
RYB	109, 182, 99
Decimal	11971939
CIELab	70.00, -7.25, 39.01
CIELCh	70, 39.682, 100.531
Yxy	40.7494, 0.3842, 0.4289
Android (android.graphics.Color)	4290162019 (0xFFB6AD63)
YUV	167.2550, -33.6497, 12.9314
Hunter-Lab	63.8353, -9.6428, 28.1954

Details

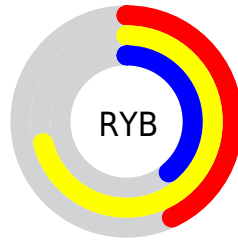
The CIELCh color **70, 39.682, 100.531** is a light color, and the websafe version is hex **999966**. A complement of this color would be **48, 43.573, 292.194**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **90, 39.607, 100.506**, and **50, 39.590, 100.845** is the 20% darker color. If you saturate the color by 10%, you get **69, 47.783, 99.477**, and if you desaturate by 10%, it is **71, 31.197, 101.610**.

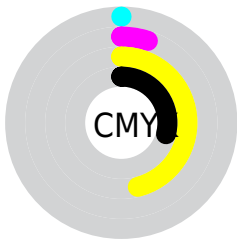
Distribution



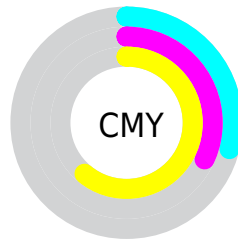
- Red (71%)
- Green (68%)
- Blue (39%)



- Red (43%)
- Yellow (71%)
- Blue (39%)



- Cyan (0%)
- Magenta (5%)
- Yellow (46%)
- Black (29%)





- Cyan (29%)
- Magenta (32%)
- Yellow (61%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 39.682, 100.531 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, 39.682, 100.531 by changing the saturation by 10% instead.


 70, 39.682,
100.531


 70, 39.682,
100.531


 100, 39.682,
100.531


 60, 39.682,
100.531


 90, 39.682,
100.531

 50, 39.682,
100.531

 40, 39.682,
100.531

 30, 39.682,
100.531

 20, 39.682,
100.531

 10, 39.682,
100.531

 0, 39.682, 100.531

70, 39.682,
100.531

70, 39.682,
100.531

69, 47.783, 99.477

71, 31.197,
101.610

69, 55.212, 98.457

72, 22.507,
102.690

68, 61.551, 97.489

67, 66.272, 96.584

73, 13.724,
103.759

67, 68.934, 95.734

74, 4.916, 104.798

66, 69.754, 95.370

75, 3.878, 285.869

76, 12.632,
286.840

77, 21.333,
287.786

78, 29.972,
288.691

■ 79, 34.385,
288.635

Harmonies

Complementary

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



70, 39.682, 100.531



48, 43.573, 292.194

Rectangle

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



70, 39.682, 100.531



70, 39.682, 150.531



70, 39.682, 280.531



70, 39.682, 330.531

Sweetspot

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



70, 39.683, 100.534



92, 15.273, 103.903



52, 35.691, 15.514



49, 10.630, 103.675



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



70, 39.683, 100.534



88, 58.575, 99.443



70, 45.800, 122.591



38, 5.017, 104.415



57, 62.160, 95.469



9, 12.988, 102.256

Inverse Universe

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



48, 43.573, 292.194



55, 66.485, 294.473



48, 49.870, 307.710



36, 5.102, 286.435



19, 86.986, 304.568



1, 14.158, 286.915

Previews

White Background



This preview shows how the CIELCh color 70, 39.682, 100.531 looks on a white background.

Color Contrast Check

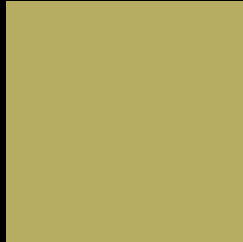
Large Text (above 18pt) WCAG AA × Fail

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 70, 39.682, 100.531 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, 39.682, 100.531

Background



This preview shows how black text looks on a background with the CIELCh color 70, 39.682, 100.531.



This preview shows how white text looks on a background with the CIELCh color 70, 39.682, 100.531.

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, 39.682, 100.531

Protanopia

70, 39.793, 95.474

Deuteranopia

70, 39.428, 76.612



Tritanopia
70, 12.153, 344.778

Trichromacy



Original Color
70, 39.682, 100.531

Protanomaly
70, 40.016, 97.409

Deuteranomaly
70, 38.940, 85.391

Tritanomaly
70, 12.715, 70.093

Monochromacy



Original Color
70, 39.682, 100.531

Achromatopsia
68, 0.008, 296.813

Achromatomaly
69, 14.780, 103.994

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 39.682, 100.531 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(182, 173, 99)` looks like.

```
.text, #text, p{  
    color:rgb(182, 173, 99)  
}
```

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(182, 173, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 173, 99) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 39.682, 100.531 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(182, 173, 99) }
```

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

```
.border{ border-color:rgb(182, 173, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 173, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 173, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 173, 99);  
box-shadow:4px 4px 4px 4px rgb(182, 173,  
99) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 39.682, 100.531 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 173, 99) }
```

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

```
.background{ background-color: rgb(182,  
173, 99) }
```

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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