

Converting Colors

CIELCh(72, 39.369, 104.113)

Have a look what the booklet for
CIELCh(72, 39.369, 104.113)
contains.

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Color

CIELCh(72, 39.276, 104.419)

Conversions

Conversions Part 1

Format	Color
Hex	B7B46A
RGB	183, 180, 106
RGB Percent	72%, 71%, 42%
CMY	0.2830, 0.2948, 0.5849
CMYK	0.00, 0.02, 0.42, 0.28
HSL	58°, 35%, 57%
HSV	58°, 42%, 72%
XYZ	38.3688, 43.6590, 19.9978
YIQ	172.4610, 25.5420, -22.3780

Conversions

Conversions Part 2

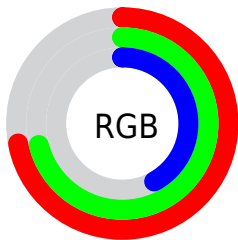
Format	Color
RYB	109, 183, 106
Decimal	12039274
CIELab	72.00, -9.78, 38.04
CIELCh	72, 39.276, 104.419
Yxy	43.6590, 0.3761, 0.4279
Android (android.graphics.Color)	4290229354 (0xFFB7B46A)
YUV	172.4610, -32.7653, 9.2427
Hunter-Lab	66.0750, -11.9788, 28.3081

Details

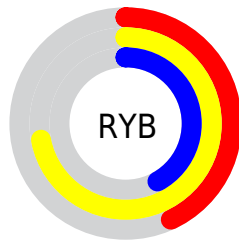
The CIELCh color **72, 39.276, 104.419** is a light color, and the websafe version is hex **999966**. A complement of this color would be **49, 43.456, 294.408**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 39.652, 104.677**, and **52, 39.331, 104.458** is the 20% darker color. If you saturate the color by 10%, you get **72, 47.948, 103.481**, and if you desaturate by 10%, it is **72, 30.203, 105.402**.

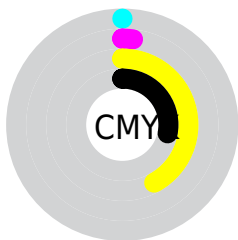
Distribution



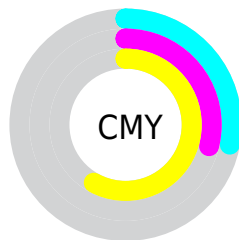
- Red (72%)
- Green (71%)
- Blue (42%)



- Red (43%)
- Yellow (72%)
- Blue (42%)



- Cyan (0%)
- Magenta (2%)
- Yellow (42%)
- Black (28%)





- Cyan (28%)
- Magenta (29%)
- Yellow (58%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 39.276, 104.419 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 72, 39.276, 104.419 by changing the saturation by 10% instead.


 72, 39.276,
104.419


 72, 39.276,
104.419


 100, 39.276,
104.419


 62, 39.276,
104.419


 92, 39.276,
104.419

 52, 39.276,
104.419

 42, 39.276,
104.419

 32, 39.276,
104.419

 22, 39.276,
104.419

 12, 39.276,
104.419

 2, 39.276, 104.419

0, 39.276, 104.419

72, 39.276,
104.419

72, 39.276,
104.419

72, 47.948,
103.481

72, 30.203,
105.402

71, 55.949,
102.603

73, 20.897,
106.397

71, 62.901,
101.821

74, 11.470,
107.391

71, 68.327,
101.166

74, 1.990, 108.344

70, 71.790,
100.661

75, 7.497, 289.352

70, 73.360,
100.345

76, 16.964,
290.276

76, 26.392,

291.168

■ 77, 35.766,
292.020

■ 78, 36.905,
291.815

Harmonies

Complementary

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



72, 39.276, 104.419



49, 43.456, 294.408

Rectangle

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



72, 39.276, 104.419



72, 39.276, 154.419



72, 39.276, 284.419



72, 39.276, 334.419

Sweetspot

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



72, 39.277, 104.422



93, 15.213, 107.282



53, 33.103, 19.887



50, 10.728, 107.063



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



72, 39.277, 104.422



90, 58.003, 103.504



70, 43.283, 125.294



39, 5.386, 107.663



60, 65.131, 100.377



9, 14.346, 106.741

Inverse Universe

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



49, 43.456, 294.408



56, 66.338, 296.357



51, 46.323, 309.574



36, 5.496, 289.570



18, 90.594, 305.713



1, 14.940, 289.149

Previews

White Background



This preview shows how the CIELCh color 72, 39.276, 104.419 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 72, 39.276, 104.419 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

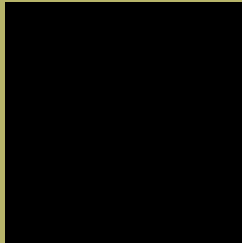
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 72, 39.276, 104.419

Background



This preview shows how black text looks on a background with the CIELCh color 72, 39.276, 104.419.



This preview shows how white text looks on a background with the CIELCh color 72, 39.276, 104.419.

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

72, 39.276, 104.419

Protanopia

72, 38.622, 95.463

Deuteranopia

72, 38.264, 76.161



Tritanopia
72, 10.324, 337.096

Trichromacy



Original Color
72, 39.276, 104.419

Protanomaly
72, 38.710, 98.699

Deuteranomaly
72, 37.425, 86.370

Tritanomaly
72, 11.228, 79.692

Monochromacy



Original Color
72, 39.276, 104.419

Achromatopsia
70, 0.009, 296.813

Achromatomaly
71, 14.649, 107.156

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 39.276, 104.419 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(183, 180, 106)` looks like.

```
.text, #text, p{  
    color:rgb(183, 180, 106)  
}
```

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(183, 180, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 180, 106) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 39.276, 104.419 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(183, 180, 106) }
```

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

```
.border{ border-color:rgb(183, 180, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 180, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 180, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 180, 106);  
box-shadow:4px 4px 4px 4px rgb(183, 180,  
106) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 39.276, 104.419 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 180, 106) }
```

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

```
.background{ background-color: rgb(183,  
180, 106) }
```

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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