

Converting Colors

CIELCh(72, 39.667, 101.633)

Have a look what the booklet for
CIELCh(72, 39.667, 101.633)
contains.

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Color

CIELCh(72, 39.913, 101.914)

Conversions

Conversions Part 1

Format	Color
Hex	BAB368
RGB	186, 179, 104
RGB Percent	73%, 70%, 41%
CMY	0.2707, 0.2982, 0.5923
CMYK	0.00, 0.04, 0.44, 0.27
HSL	55°, 37%, 57%
HSV	55°, 44%, 73%
XYZ	38.8506, 43.6590, 19.4673
YIQ	172.5430, 28.2470, -21.8410

Conversions

Conversions Part 2

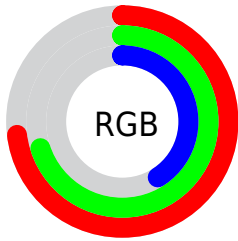
Format	Color
RYB	112, 186, 104
Decimal	12235624
CIELab	72.00, -8.24, 39.05
CIELCh	72, 39.913, 101.914
Yxy	43.6590, 0.3810, 0.4281
Android (android.graphics.Color)	4290425704 (0xFFBAB368)
YUV	172.5430, -33.7917, 11.8018
Hunter-Lab	66.0750, -10.6772, 28.7842

Details

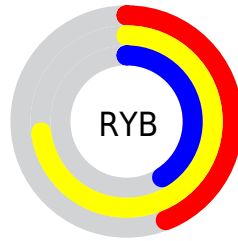
The CIELCh color **72, 39.913, 101.914** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **49, 43.932, 292.909**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 40.273, 102.378**, and **52, 39.926, 101.691** is the 20% darker color. If you saturate the color by 10%, you get **71, 48.344, 100.899**, and if you desaturate by 10%, it is **73, 31.091, 102.961**.

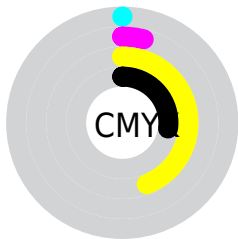
Distribution



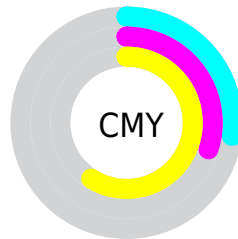
- Red (73%)
- Green (70%)
- Blue (41%)



- Red (44%)
- Yellow (73%)
- Blue (41%)



- Cyan (0%)
- Magenta (4%)
- Yellow (44%)
- Black (27%)





- Cyan (27%)
- Magenta (30%)
- Yellow (59%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 39.913, 101.914 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, 39.913, 101.914 by changing the saturation by 10% instead.


 72, 39.913,
101.914


 72, 39.913,
101.914


 100, 39.913,
101.914


 62, 39.913,
101.914


 92, 39.913,
101.914

 52, 39.913,
101.914

 42, 39.913,
101.914

 32, 39.913,
101.914

 22, 39.913,
101.914

 12, 39.913,
101.914

 2, 39.913, 101.914

0, 39.913, 101.914

72, 39.913,
101.914

72, 39.913,
101.914

71, 48.344,
100.899

73, 31.091,
102.961

71, 56.100, 99.927

73, 22.055,
104.013

70, 62.773, 99.023

74, 12.916,
105.057

70, 67.845, 98.206

69, 70.852, 97.481

75, 3.743, 106.068

69, 71.934, 97.081

76, 5.421, 287.112

77, 14.553,
288.070

78, 23.635,

288.997

■ 79, 32.656,
289.884

■ 80, 32.985,
289.070

Harmonies

Complementary

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



72, 39.913, 101.914



49, 43.932, 292.909

Rectangle

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



72, 39.913, 101.914



72, 39.913, 151.914



72, 39.913, 281.914



72, 39.913, 331.914

Sweetspot

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



72, 39.914, 101.917



94, 14.771, 105.147



53, 35.071, 16.496



50, 10.420, 104.917



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



72, 39.914, 101.917



91, 58.741, 100.920



71, 45.312, 123.305



38, 5.138, 105.546



58, 63.089, 97.166



9, 13.431, 103.866

Inverse Universe

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



49, 43.932, 292.909



57, 66.751, 294.990



50, 49.059, 308.127



36, 5.231, 287.526



19, 88.332, 305.004



1, 14.415, 287.683

Previews

White Background



This preview shows how the CIELCh color 72, 39.913, 101.914 looks on a white background.

Color Contrast Check

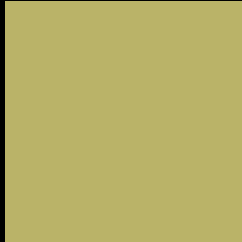
Large Text (above 18pt) WCAG AA × Fail

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, 39.913, 101.914 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

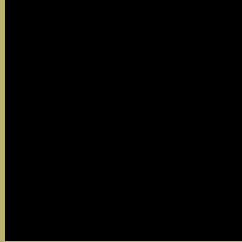
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 72, 39.913, 101.914

Background



This preview shows how black text looks on a background with the CIELCh color 72, 39.913, 101.914.



This preview shows how white text looks on a background with the CIELCh color 72, 39.913, 101.914.

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, 39.913, 101.914

Protanopia

72, 40.007, 96.320

Deuteranopia

72, 39.437, 76.239



Tritanopia
72, 11.475, 342.439

Trichromacy



Original Color
72, 39.913, 101.914

Protanomaly
72, 40.188, 98.832

Deuteranomaly
72, 38.743, 85.552

Tritanomaly
72, 12.575, 74.450

Monochromacy



Original Color
72, 39.913, 101.914

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 14.687, 104.051

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 39.913, 101.914 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(186, 179, 104)` looks like.

```
.text, #text, p{  
    color:rgb(186, 179, 104)  
}
```

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(186, 179, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 179, 104) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 39.913, 101.914 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(186, 179, 104) }
```

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

```
.border{ border-color:rgb(186, 179, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 179, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 179, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 179, 104);  
box-shadow:4px 4px 4px 4px rgb(186, 179,  
104) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 39.913, 101.914 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 179, 104) }
```

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

```
.background{ background-color: rgb(186,  
179, 104) }
```

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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