

Converting Colors

CIELCh(72, 37.462, 105.866)

Have a look what the booklet for
CIELCh(72, 37.462, 105.866)
contains.

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Color

CIELCh(72, 37.225, 105.831)

Conversions

Conversions Part 1

Format	Color
Hex	B5B46E
RGB	181, 180, 110
RGB Percent	71%, 71%, 43%
CMY	0.2897, 0.2936, 0.5682
CMYK	0.00, 0.01, 0.39, 0.29
HSL	59°, 32%, 57%
HSV	59°, 39%, 71%
XYZ	38.2521, 43.6590, 21.1956
YIQ	172.3190, 23.0660, -21.5580

Conversions

Conversions Part 2

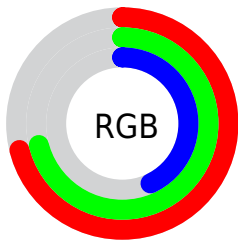
Format	Color
RYB	111, 181, 110
Decimal	11908206
CIELab	72.00, -10.16, 35.81
CIELCh	72, 37.225, 105.831
Yxy	43.6590, 0.3710, 0.4234
Android (android.graphics.Color)	4290098286 (0xFFB5B46E)
YUV	172.3190, -30.7233, 7.6132
Hunter-Lab	66.0750, -12.2939, 27.2334

Details

The CIELCh color **72, 37.225, 105.831** is a light color, and the websafe version is hex **999966**. A complement of this color would be **50, 41.019, 294.818**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 37.151, 105.958**, and **52, 36.820, 105.453** is the 20% darker color. If you saturate the color by 10%, you get **72, 46.124, 104.919**, and if you desaturate by 10%, it is **72, 27.957, 106.788**.

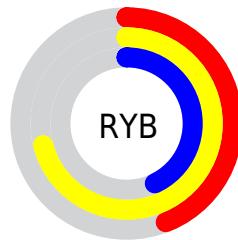
Distribution



Red (71%)

Green (71%)

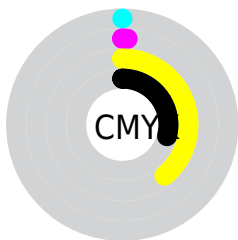
Blue (43%)



Red (44%)

Yellow (71%)

Blue (43%)

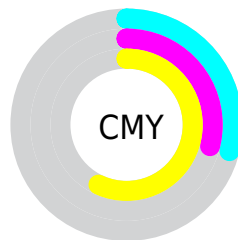


Cyan (0%)

Magenta (1%)

Yellow (39%)

Black (29%)



Cyan (29%)


Magenta (29%)


Yellow (57%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 37.225, 105.831 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, 37.225, 105.831 by changing the saturation by 10% instead.


 72, 37.225,
105.831


 72, 37.225,
105.831


 100, 37.225,
105.831


 62, 37.225,
105.831


 92, 37.225,
105.831

 52, 37.225,
105.831

 42, 37.225,
105.831

 32, 37.225,
105.831

 22, 37.225,
105.831

 12, 37.225,
105.831

 2, 37.225, 105.831

■ 0, 37.225, 105.831

■ 72, 37.225,
105.831

■ 72, 37.225,
105.831

■ 72, 46.124,
104.919

■ 72, 27.957,
106.788

■ 71, 54.410,
104.071

■ 73, 18.472,
107.758

■ 71, 61.741,
103.323

■ 73, 8.873, 108.726

■ 71, 67.672,
102.713

■ 74, 0.778, 289.775

■ 71, 71.758,
102.271

■ 74, 10.437,
290.633

■ 71, 74.019,
101.988

■ 75, 20.077,
291.535

■ 76, 29.679,

■ 71, 74.180,
101.967

292.402

■ 76, 39.218,
293.229

■ 76, 39.072,
293.096

Harmonies

Complementary

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



72, 37.225, 105.831



50, 41.019, 294.818

Rectangle

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



72, 37.225, 105.831



72, 37.225, 155.831



72, 37.225, 285.831



72, 37.225, 335.831

Sweetspot

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



72, 37.226, 105.834



92, 14.269, 108.437



54, 30.523, 21.886



49, 9.455, 108.314



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



72, 37.226, 105.834



90, 54.486, 105.046



70, 40.430, 126.651



39, 5.522, 108.712



62, 66.303, 101.978



9, 14.846, 108.108

Inverse Universe

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



50, 41.019, 294.818



57, 61.783, 296.430



52, 42.845, 310.470



35, 5.640, 290.582



18, 91.802, 306.078



1, 15.223, 289.889

Previews

White Background



This preview shows how the CIELCh color 72, 37.225, 105.831 looks on a white background.

Color Contrast Check

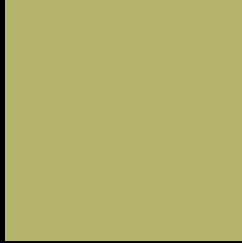
Large Text (above 18pt) WCAG AA × Fail

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, 37.225, 105.831 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

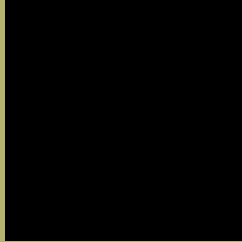
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 72, 37.225, 105.831

Background



This preview shows how black text looks on a background with the CIELCh color 72, 37.225, 105.831.



This preview shows how white text looks on a background with the CIELCh color 72, 37.225, 105.831.

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, 37.225, 105.831

Protanopia

72, 36.602, 95.120

Deuteranopia

72, 36.112, 75.411



Tritanopia
72, 10.440, 333.462

Trichromacy



Original Color
72, 37.225, 105.831

Protanomaly
72, 37.097, 99.248

Deuteranomaly
72, 35.083, 86.849

Tritanomaly
72, 10.074, 78.827

Monochromacy



Original Color
72, 37.225, 105.831

Achromatopsia
70, 0.009, 296.813

Achromatomaly
71, 14.107, 108.762

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 37.225, 105.831 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(181, 180, 110)` looks like.

```
.text, #text, p{  
    color:rgb(181, 180, 110)  
}
```

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(181, 180, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 180, 110) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 37.225, 105.831 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(181, 180, 110) }
```

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

```
.border{ border-color:rgb(181, 180, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 180, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 180, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 180, 110);  
box-shadow:4px 4px 4px 4px rgb(181, 180,  
110) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 37.225, 105.831 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 180, 110) }
```

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

```
.background{ background-color: rgb(181,  
180, 110) }
```

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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