

Converting Colors

CIELCh(73, 15.668, 112.955)

Have a look what the booklet for
CIELCh(73, 15.668, 112.955)
contains.

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Color

CIELCh(73, 15.672, 112.969)

Conversions

Conversions Part 1

Format	Color
Hex	B3B699
RGB	179, 182, 153
RGB Percent	70%, 71%, 60%
CMY	0.2993, 0.2875, 0.4012
CMYK	0.02, 0.00, 0.16, 0.29
HSL	66°, 17%, 66%
HSV	66°, 16%, 71%
XYZ	40.9069, 45.1644, 36.5671
YIQ	177.7970, 7.5210, -9.6550

Conversions

Conversions Part 2

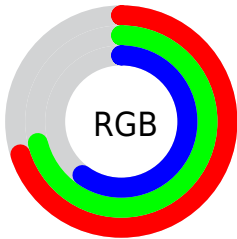
Format	Color
RYB	153, 182, 156
Decimal	11777689
CIELab	73.00, -6.12, 14.43
CIELCh	73, 15.672, 112.969
Yxy	45.1644, 0.3336, 0.3683
Android (android.graphics.Color)	4289967769 (0xFFB3B699)
YUV	177.7970, -12.2249, 1.0550
Hunter-Lab	67.2044, -8.9561, 14.7824

Details

The CIELCh color **73, 15.672, 112.969** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **64, 16.240, 295.669**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 15.936, 112.912**, and **53, 15.524, 112.935** is the 20% darker color. If you saturate the color by 10%, you get **72, 25.386, 112.167**, and if you desaturate by 10%, it is **74, 5.860, 113.775**.

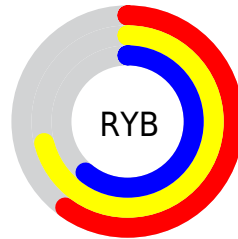
Distribution



Red (70%)

Green (71%)

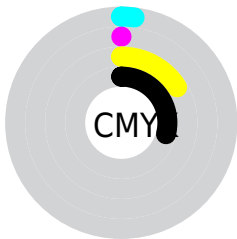
Blue (60%)



Red (60%)

Yellow (71%)

Blue (61%)

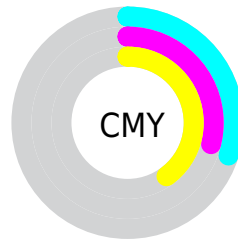


Cyan (2%)

Magenta (0%)

Yellow (16%)

Black (29%)



Cyan (30%)


Magenta (29%)


Yellow (40%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 15.672, 112.969 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 73, 15.672, 112.969 by changing the saturation by 10% instead.


 73, 15.672,
112.969


 73, 15.672,
112.969


 100, 15.672,
112.969


 63, 15.672,
112.969


 93, 15.672,
112.969

 53, 15.672,
112.969

 43, 15.672,
112.969

 33, 15.672,
112.969

 23, 15.672,
112.969

 13, 15.672,
112.969

 3, 15.672, 112.969

■ 0, 15.672, 112.969

■ 73, 15.672,
112.969

■ 73, 15.672,
112.969

■ 72, 25.386,
112.167

■ 74, 5.860, 113.775

■ 72, 34.907,
111.372

■ 74, 3.994, 294.570

■ 72, 44.099,
110.617

■ 75, 13.849,
295.324

■ 71, 52.754,
109.936

■ 76, 23.674,
296.050

■ 71, 60.566,
109.378

■ 76, 33.450,
296.739

■ 71, 67.125,
109.005

■ 77, 39.595,
297.471

■ 77, 39.639,

■ 70, 71.978,
108.882

298.331

■ 70, 74.837,
109.058

■ 77, 39.692,
299.193

■ 70, 75.707,
109.169

■ 77, 39.753,
300.057

Harmonies

Complementary

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



73, 15.672, 112.969



64, 16.240, 295.669

Rectangle

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



73, 15.672, 112.969



73, 15.672, 162.969



73, 15.672, 292.969



73, 15.672, 342.969

Sweetspot

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



73, 15.674, 112.974



93, 6.106, 113.843



66, 10.462, 29.039



50, 4.200, 113.788



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



73, 15.674, 112.974



92, 23.145, 112.702



72, 17.115, 131.806



39, 5.620, 113.505



61, 67.491, 109.096



9, 15.324, 115.491

Inverse Universe

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



64, 16.240, 295.669



79, 24.171, 296.015



65, 17.404, 313.151



36, 5.741, 295.039



18, 91.905, 306.690



1, 15.417, 293.296

Previews

White Background



This preview shows how the CIELCh color 73, 15.672, 112.969 looks on a white background.

Color Contrast Check

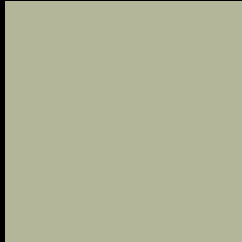
Large Text (above 18pt) WCAG AA × Fail

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 73, 15.672, 112.969 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

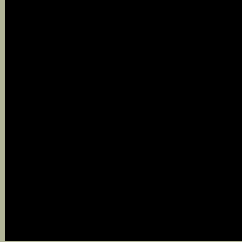
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

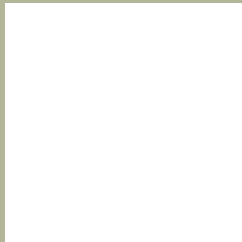
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 73, 15.672, 112.969

Background



This preview shows how black text looks on a background with the CIELCh color 73, 15.672, 112.969.



This preview shows how white text looks on a background with the CIELCh color 73, 15.672, 112.969.

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

73, 15.672, 112.969

Protanopia

73, 15.629, 93.913

Deuteranopia

73, 16.211, 54.588



Tritanopia
73, 8.195, 311.815

Trichromacy



Original Color
73, 15.672, 112.969

Protanomaly
73, 15.227, 101.216

Deuteranomaly
73, 14.137, 76.604

Tritanomaly
73, 1.842, 55.193

Monochromacy



Original Color
73, 15.672, 112.969

Achromatopsia
72, 0.009, 296.813

Achromatomaly
73, 5.967, 113.251

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 15.672, 112.969 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(179, 182, 153)` looks like.

```
.text, #text, p{  
    color:rgb(179, 182, 153)  
}
```

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(179, 182, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 182, 153) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 15.672, 112.969 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(179, 182, 153) }
```

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

```
.border{ border-color:rgb(179, 182, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 182, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 182, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 182, 153);  
box-shadow:4px 4px 4px 4px rgb(179, 182,  
153) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 15.672, 112.969 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 182, 153) }
```

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

```
.background{ background-color: rgb(179,  
182, 153) }
```

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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