

Converting Colors

CIELCh(73, 15.273, 117.540)

Have a look what the booklet for
CIELCh(73, 15.273, 117.540)
contains.

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Color

CIELCh(73, 15.288, 117.535)

Conversions

Conversions Part 1

Format	Color
Hex	B0B69A
RGB	176, 182, 154
RGB Percent	69%, 71%, 60%
CMY	0.3088, 0.2852, 0.3951
CMYK	0.03, 0.00, 0.15, 0.29
HSL	73°, 16%, 66%
HSV	73°, 15%, 71%
XYZ	40.5983, 45.1644, 37.2605
YIQ	177.0140, 5.4120, -9.9800

Conversions

Conversions Part 2

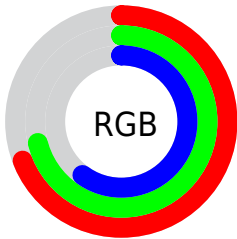
Format	Color
RYB	154, 182, 160
Decimal	11581082
CIELab	73.00, -7.07, 13.56
CIELCh	73, 15.288, 117.535
Yxy	45.1644, 0.3300, 0.3671
Android (android.graphics.Color)	4289771162 (0xFFB0B69A)
YUV	177.0140, -11.3459, -0.8893
Hunter-Lab	67.2044, -9.7758, 14.1707

Details

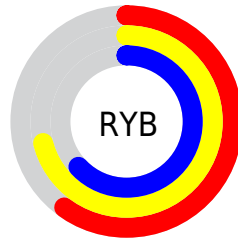
The CIELCh color **73, 15.288, 117.535** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **65, 15.786, 299.647**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 15.560, 117.134**, and **53, 15.134, 117.922** is the 20% darker color. If you saturate the color by 10%, you get **72, 25.149, 116.870**, and if you desaturate by 10%, it is **74, 5.343, 118.202**.

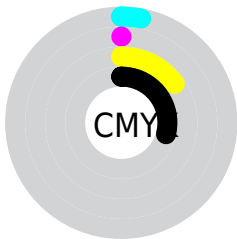
Distribution



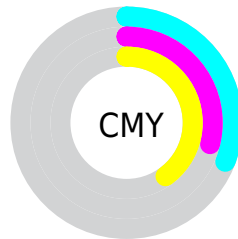
- Red (69%)
- Green (71%)
- Blue (60%)



- Red (60%)
- Yellow (71%)
- Blue (63%)



- Cyan (3%)
- Magenta (0%)
- Yellow (15%)
- Black (29%)





- Cyan (31%)
- Magenta (29%)
- Yellow (40%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 15.288, 117.535 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, 15.288, 117.535 by changing the saturation by 10% instead.


 73, 15.288,
117.535


 73, 15.288,
117.535


 100, 15.288,
117.535


 63, 15.288,
117.535


 93, 15.288,
117.535

 53, 15.288,
117.535

 43, 15.288,
117.535

 33, 15.288,
117.535

 23, 15.288,
117.535

 13, 15.288,
117.535

 3, 15.288, 117.535

■ 0, 15.288, 117.535

■ 73, 15.288,
117.535

■ 73, 15.288,
117.535

■ 72, 25.149,
116.870

■ 74, 5.343, 118.202

■ 72, 34.832,
116.212

■ 75, 4.629, 298.837

■ 71, 44.206,
115.594

■ 75, 14.585,
299.452

■ 71, 53.069,
115.058

■ 76, 24.495,
300.033

■ 70, 61.128,
114.663

■ 77, 34.335,
300.579

■ 70, 67.985,
114.489

■ 78, 39.567,
301.710

■ 78, 39.754,

■ 69, 73.191,
114.630

303.527

■ 69, 76.426,
115.163

■ 79, 39.979,
305.343

■ 69, 77.553,
115.477

■ 79, 40.240,
307.153

Harmonies

Complementary

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



73, 15.288, 117.535



65, 15.786, 299.647

Rectangle

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



73, 15.288, 117.535



73, 15.288, 167.535



73, 15.288, 297.535



73, 15.288, 347.535

Sweetspot

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



73, 15.290, 117.539



93, 6.164, 118.221



68, 9.377, 39.179



50, 4.240, 118.175



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, 15.290, 117.539



92, 22.164, 117.343



72, 16.990, 135.068



39, 5.675, 117.940



60, 68.943, 115.337



9, 15.693, 121.711

Inverse Universe

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



65, 15.786, 299.647



81, 23.026, 299.887



66, 17.190, 316.366



36, 5.790, 299.186



19, 90.819, 307.480



1, 15.497, 296.478

Previews

White Background



This preview shows how the CIELCh color 73, 15.288, 117.535 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, 15.288, 117.535 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

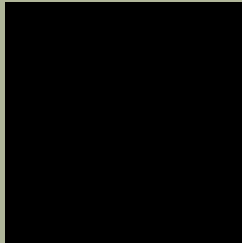
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

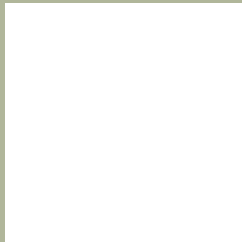
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 73, 15.288, 117.535

Background



This preview shows how black text looks on a background with the CIELCh color 73, 15.288, 117.535.



This preview shows how white text looks on a background with the CIELCh color 73, 15.288, 117.535.

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, 15.288, 117.535

Protanopia
73, 15.005, 94.948

Deuteranopia
73, 15.880, 53.086



Tritanopia
73, 7.853, 304.310

Trichromacy



Original Color
73, 15.288, 117.535

Protanomaly
73, 14.647, 102.551

Deuteranomaly
73, 13.674, 75.491

Tritanomaly
73, 0.648, 74.763

Monochromacy



Original Color
73, 15.288, 117.535

Achromatopsia
72, 0.009, 296.813

Achromatomaly
73, 5.472, 117.625

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 15.288, 117.535 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(176, 182, 154)` looks like.

```
.text, #text, p{  
    color:rgb(176, 182, 154)  
}
```

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(176, 182, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 182, 154) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 15.288, 117.535 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(176, 182, 154) }
```

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

```
.border{ border-color:rgb(176, 182, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 182, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 182, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 182, 154);  
box-shadow:4px 4px 4px 4px rgb(176, 182,  
154) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 15.288, 117.535 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 182, 154) }
```

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

```
.background{ background-color: rgb(176,  
182, 154) }
```

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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