

Converting Colors

CIELCh(73, 14.211, 118.290)

Have a look what the booklet for
CIELCh(73, 14.211, 118.290)
contains.

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Color

CIELCh(73, 14.229, 118.267)

Conversions

Conversions Part 1

Format	Color
Hex	B0B69C
RGB	176, 182, 156
RGB Percent	69%, 71%, 61%
CMY	0.3093, 0.2857, 0.3877
CMYK	0.03, 0.00, 0.14, 0.29
HSL	74°, 15%, 66%
HSV	74°, 14%, 71%
XYZ	40.7047, 45.1644, 38.0848
YIQ	177.2420, 4.7700, -9.3580

Conversions

Conversions Part 2

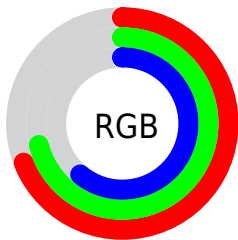
Format	Color
RYB	156, 182, 162
Decimal	11581084
CIELab	73.00, -6.74, 12.53
CIELCh	73, 14.229, 118.267
Yxy	45.1644, 0.3284, 0.3644
Android (android.graphics.Color)	4289771164 (0xFFB0B69C)
YUV	177.2420, -10.4723, -1.0892
Hunter-Lab	67.2044, -9.4930, 13.4434

Details

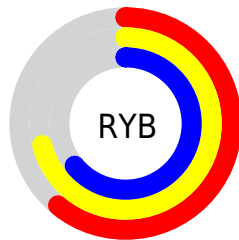
The CIELCh color **73, 14.229, 118.267** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **66, 14.653, 300.162**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 14.042, 118.106**, and **53, 14.013, 118.792** is the 20% darker color. If you saturate the color by 10%, you get **72, 24.121, 117.620**, and if you desaturate by 10%, it is **74, 4.264, 118.916**.

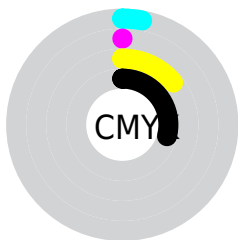
Distribution



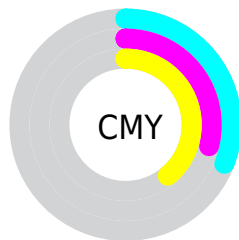
- Red (69%)
- Green (71%)
- Blue (61%)



- Red (61%)
- Yellow (71%)
- Blue (64%)



- Cyan (3%)
- Magenta (0%)
- Yellow (14%)
- Black (29%)





- Cyan (31%)
- Magenta (29%)
- Yellow (39%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 14.229, 118.267 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, 14.229, 118.267 by changing the saturation by 10% instead.


 73, 14.229,
118.267


 73, 14.229,
118.267


 100, 14.229,
118.267


 63, 14.229,
118.267


 93, 14.229,
118.267

 53, 14.229,
118.267

 43, 14.229,
118.267

 33, 14.229,
118.267

 23, 14.229,
118.267

 13, 14.229,
118.267

 3, 14.229, 118.267

0, 14.229, 118.267

73, 14.229,
118.267

73, 14.229,
118.267

72, 24.121,
117.620

74, 4.264, 118.916

72, 33.849,
116.978

75, 5.722, 299.527

71, 43.287,
116.372

75, 15.684,
300.120

71, 52.243,
115.842

76, 25.593,
300.678

70, 60.436,
115.449

77, 35.428,
301.201

70, 67.480,
115.272

78, 39.715,
302.531

78, 39.936,

■ 69, 72.927,
115.407

304.483

■ 69, 76.424,
115.941

■ 79, 40.200,
306.430

■ 69, 77.841,
116.359

■ 79, 40.506,
308.369

Harmonies

Complementary

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



73, 14.229, 118.267



66, 14.653, 300.162

Rectangle

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



73, 14.229, 118.267



73, 14.229, 168.267



73, 14.229, 298.267



73, 14.229, 348.267

Sweetspot

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



73, 14.231, 118.272



93, 4.939, 118.930



68, 8.591, 41.021



50, 3.540, 118.881



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, 14.231, 118.272



92, 20.982, 118.076



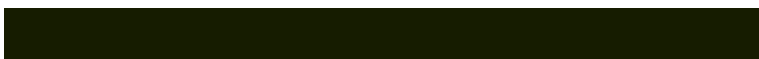
72, 15.849, 135.640



39, 5.686, 118.591



60, 69.228, 116.211



9, 15.757, 122.545

Inverse Universe

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



66, 14.653, 300.162



81, 21.739, 300.396



67, 16.014, 316.846



36, 5.800, 299.798



19, 90.611, 307.641



1, 15.513, 296.949

Previews

White Background



This preview shows how the CIELCh color 73, 14.229, 118.267 looks on a white background.

Color Contrast Check

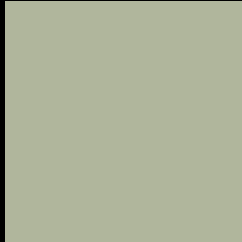
Large Text (above 18pt) WCAG AA × Fail

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, 14.229, 118.267 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

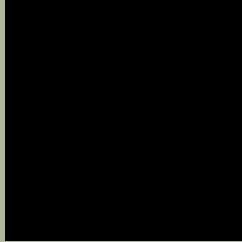
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

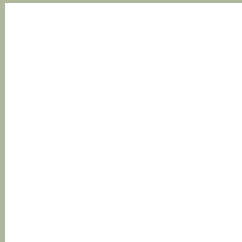
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 73, 14.229, 118.267

Background



This preview shows how black text looks on a background with the CIELCh color 73, 14.229, 118.267.

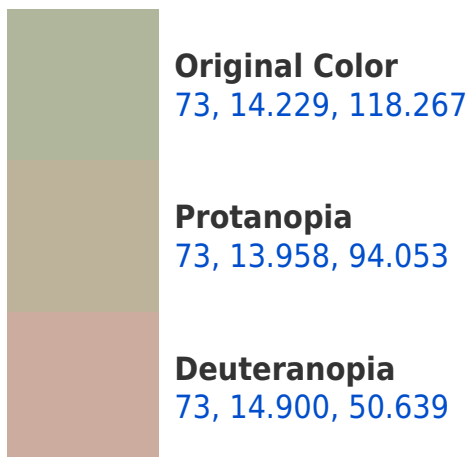



This preview shows how white text looks on a background with the CIELCh color 73, 14.229, 118.267.

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





Tritanopia
73, 7.773, 301.695

Trichromacy



Original Color
73, 14.229, 118.267

Protanomaly
73, 13.577, 102.192

Deuteranomaly
73, 12.530, 74.485

Tritanomaly
73, 0.533, 110.015

Monochromacy



Original Color
73, 14.229, 118.267

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, 14.229, 118.267 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, 156)` looks like.

```
.text, #text, p{  
    color:rgb(176, 182, 156)  
}
```

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, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 182, 156) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 14.229, 118.267 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, 156) }
```

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

```
.border{ border-color:rgb(176, 182, 156) }
```

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, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 182, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 182, 156);  
box-shadow:4px 4px 4px 4px rgb(176, 182,  
156) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 14.229, 118.267 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, 156) }
```

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

```
.background{ background-color: rgb(176,  
182, 156) }
```

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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