

Converting Colors

CIELCh(72, 13.796, 119.707)

Have a look what the booklet for
CIELCh(72, 13.796, 119.707)
contains.

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Color

CIELCh(72, 14.332, 119.781)

Conversions

Conversions Part 1

Format	Color
Hex	ADB49A
RGB	173, 180, 154
RGB Percent	68%, 71%, 60%
CMY	0.3230, 0.2955, 0.3975
CMYK	0.04, 0.00, 0.14, 0.30
HSL	76°, 15%, 65%
HSV	76°, 14%, 70%
XYZ	39.2039, 43.6590, 36.7775
YIQ	174.9430, 4.1740, -9.5700

Conversions

Conversions Part 2

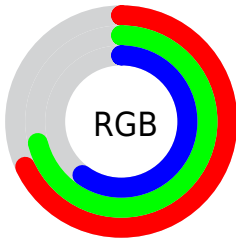
Format	Color
RYB	154, 180, 161
Decimal	11383962
CIELab	72.00, -7.12, 12.44
CIELCh	72, 14.332, 119.781
Yxy	43.6590, 0.3277, 0.3649
Android (android.graphics.Color)	4289574042 (0xFFADB49A)
YUV	174.9430, -10.3249, -1.7040
Hunter-Lab	66.0750, -9.7229, 13.2515

Details

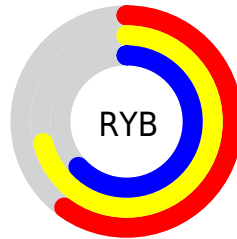
The CIELCh color **72, 14.332, 119.781** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **65, 14.748, 301.572**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 14.637, 119.171**, and **52, 14.051, 118.776** is the 20% darker color. If you saturate the color by 10%, you get **71, 24.171, 119.174**, and if you desaturate by 10%, it is **73, 4.426, 120.391**.

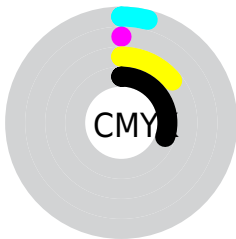
Distribution



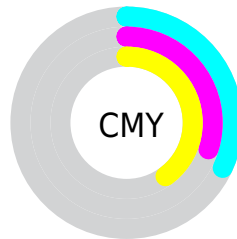
- Red (68%)
- Green (71%)
- Blue (60%)



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



- Cyan (4%)
- Magenta (0%)
- Yellow (14%)
- Black (30%)





- Cyan (32%)
- Magenta (30%)
- Yellow (40%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 14.332, 119.781 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, 14.332, 119.781 by changing the saturation by 10% instead.


 72, 14.332,
119.781


 72, 14.332,
119.781


 100, 14.332,
119.781


 62, 14.332,
119.781


 92, 14.332,
119.781

 52, 14.332,
119.781

 42, 14.332,
119.781

 32, 14.332,
119.781

 22, 14.332,
119.781

 12, 14.332,
119.781

 2, 14.332, 119.781

■ 0, 14.332, 119.781

■ 72, 14.332,
119.781

■ 72, 14.332,
119.781

■ 71, 24.171,
119.174

■ 73, 4.426, 120.391

■ 71, 33.850,
118.570

■ 74, 5.494, 300.955

■ 70, 43.247,
118.004

■ 75, 15.384,
301.509

■ 69, 52.170,
117.515

■ 76, 25.215,
302.026

■ 69, 60.342,
117.168

■ 77, 34.964,
302.509

■ 68, 67.384,
117.048

■ 77, 41.259,
303.574

■ 78, 41.534,

■ 68, 72.856,
117.256

305.732

■ 68, 76.413,
117.884

■ 78, 41.863,
307.884

■ 68, 77.858,
118.336

■ 79, 42.246,
310.023

Harmonies

Complementary

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



72, 14.332, 119.781



65, 14.748, 301.572

Rectangle

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



72, 14.332, 119.781



72, 14.332, 169.781



72, 14.332, 299.781



72, 14.332, 349.781

Sweetspot

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



72, 14.334, 119.785



92, 4.920, 120.415



68, 8.435, 46.697



49, 3.495, 120.370



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, 14.334, 119.785



91, 20.910, 119.613



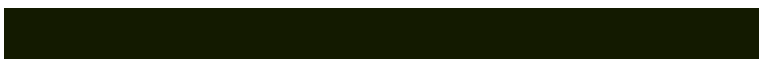
71, 16.120, 137.154



37, 5.584, 120.098



58, 69.099, 118.167



8, 13.777, 124.313

Inverse Universe

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



65, 14.748, 301.572



81, 21.634, 301.775



66, 16.258, 318.413



35, 5.691, 301.218



19, 88.984, 308.075



1, 13.478, 298.300

Previews

White Background



This preview shows how the CIELCh color 72, 14.332, 119.781 looks on a white background.

Color Contrast Check

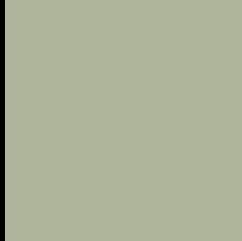
Large Text (above 18pt) WCAG AA × Fail

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 72, 14.332, 119.781 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

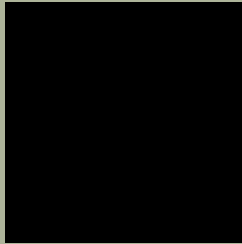
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

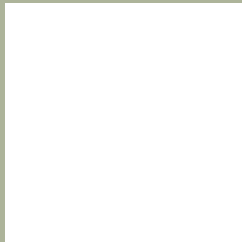
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 72, 14.332, 119.781

Background



This preview shows how black text looks on a background with the CIELCh color 72, 14.332, 119.781.



This preview shows how white text looks on a background with the CIELCh color 72, 14.332, 119.781.

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, 14.332, 119.781

Protanopia

72, 13.478, 93.514

Deuteranopia

72, 14.588, 51.421



Tritanopia
72, 7.187, 299.625

Trichromacy



Original Color
72, 14.332, 119.781

Protanomaly
72, 13.083, 101.958

Deuteranomaly
72, 12.332, 75.989

Tritanomaly
72, 0.656, 144.770

Monochromacy



Original Color
72, 14.332, 119.781

Achromatopsia
71, 0.009, 296.813

Achromatomaly
72, 5.554, 121.495

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 14.332, 119.781 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(173, 180, 154)` looks like.

```
.text, #text, p{  
    color:rgb(173, 180, 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(173, 180, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 180, 154) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 14.332, 119.781 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(173, 180, 154) }
```

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

```
.border{ border-color:rgb(173, 180, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 180, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 180, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 180, 154);  
box-shadow:4px 4px 4px 4px rgb(173, 180,  
154) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 14.332, 119.781 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 180, 154) }
```

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

```
.background{ background-color: rgb(173,  
180, 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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