

Converting Colors

CIELCh(72, 16.245, 110.774)

Have a look what the booklet for
CIELCh(72, 16.245, 110.774)
contains.

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Color

CIELCh(72, 16.226, 111.373)

Conversions

Conversions Part 1

Format	Color
Hex	B1B395
RGB	177, 179, 149
RGB Percent	69%, 70%, 58%
CMY	0.3066, 0.2987, 0.4164
CMYK	0.01, 0.00, 0.17, 0.30
HSL	64°, 16%, 64%
HSV	64°, 17%, 70%
XYZ	39.5859, 43.6590, 34.7021
YIQ	174.9820, 8.4380, -9.7540

Conversions

Conversions Part 2

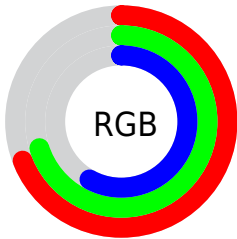
Format	Color
RYB	149, 179, 151
Decimal	11645845
CIELab	72.00, -5.91, 15.11
CIELCh	72, 16.226, 111.373
Yxy	43.6590, 0.3356, 0.3702
Android (android.graphics.Color)	4289835925 (0xFFB1B395)
YUV	174.9820, -12.8091, 1.7698
Hunter-Lab	66.0750, -8.6908, 15.1138

Details

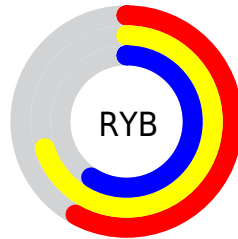
The CIELCh color **72, 16.226, 111.373** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **63, 16.852, 294.415**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 16.459, 111.449**, and **52, 16.122, 111.162** is the 20% darker color. If you saturate the color by 10%, you get **72, 25.783, 110.520**, and if you desaturate by 10%, it is **73, 6.566, 112.230**.

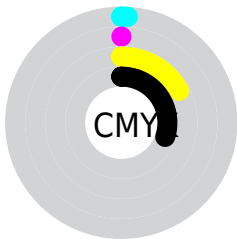
Distribution



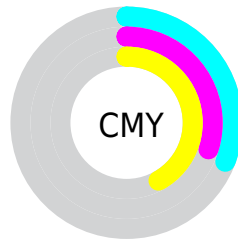
- Red (69%)
- Green (70%)
- Blue (58%)



- Red (58%)
- Yellow (70%)
- Blue (59%)



- Cyan (1%)
- Magenta (0%)
- Yellow (17%)
- Black (30%)





- Cyan (31%)
- Magenta (30%)
- Yellow (42%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 16.226, 111.373 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, 16.226, 111.373 by changing the saturation by 10% instead.


 72, 16.226,
111.373


 72, 16.226,
111.373


 100, 16.226,
111.373


 62, 16.226,
111.373


 92, 16.226,
111.373

 52, 16.226,
111.373

 42, 16.226,
111.373

 32, 16.226,
111.373

 22, 16.226,
111.373

 12, 16.226,
111.373

 2, 16.226, 111.373

■ 0, 16.226, 111.373

■ 72, 16.226,
111.373

■ 72, 16.226,
111.373

■ 72, 25.783,
110.520

■ 73, 6.566, 112.230

■ 71, 35.141,
109.677

■ 73, 3.143, 293.087

■ 71, 44.159,
108.874

■ 74, 12.856,
293.893

■ 71, 52.626,
108.144

■ 74, 22.546,
294.674

■ 70, 60.229,
107.530

■ 75, 32.192,
295.419

■ 70, 66.555,
107.089

■ 76, 41.178,
296.115

■ 76, 41.196,

■ 70, 71.160,
106.875

296.631

■ 70, 73.819,
106.918

■ 76, 41.217,
297.149

■ 70, 74.501,
106.954

■ 76, 41.241,
297.668

Harmonies

Complementary

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



72, 16.226, 111.373



63, 16.852, 294.415

Rectangle

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



72, 16.226, 111.373



72, 16.226, 161.373



72, 16.226, 291.373



72, 16.226, 341.373

Sweetspot

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



72, 16.228, 111.378



92, 5.988, 112.372



65, 11.212, 26.047



49, 4.119, 112.314



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, 16.228, 111.378



91, 23.881, 111.072



71, 17.605, 130.645



38, 5.480, 112.015



60, 66.401, 106.905



8, 13.352, 114.097

Inverse Universe

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



63, 16.852, 294.415



77, 25.011, 294.814



64, 17.948, 312.079



35, 5.599, 293.650



17, 91.022, 306.535



1, 13.331, 292.208

Previews

White Background



This preview shows how the CIELCh color 72, 16.226, 111.373 looks on a white background.

Color Contrast Check

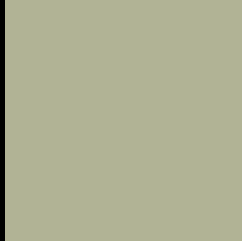
Large Text (above 18pt) WCAG AA × Fail

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, 16.226, 111.373 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

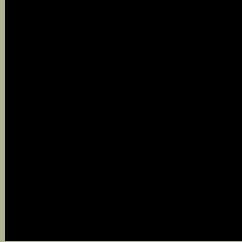
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

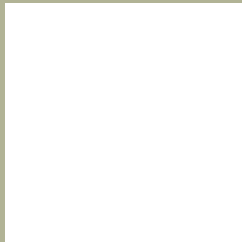
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 72, 16.226, 111.373

Background



This preview shows how black text looks on a background with the CIELCh color 72, 16.226, 111.373.

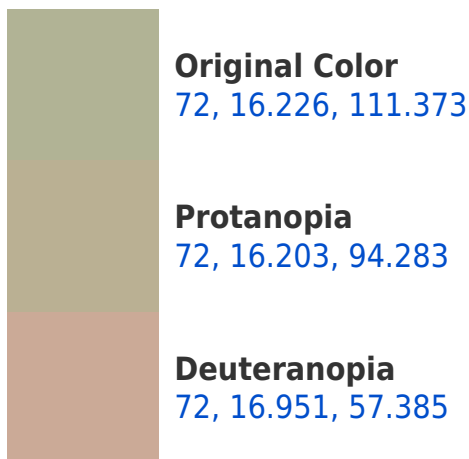



This preview shows how white text looks on a background with the CIELCh color 72, 16.226, 111.373.

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
72, 8.361, 314.185

Trichromacy



Original Color
72, 16.226, 111.373

Protanomaly
72, 15.864, 99.937

Deuteranomaly
72, 14.876, 76.273

Tritanomaly
72, 2.168, 49.343

Monochromacy



Original Color
72, 16.226, 111.373

Achromatopsia
71, 0.009, 296.813

Achromatomaly
72, 5.969, 109.578

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 16.226, 111.373 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(177, 179, 149)` looks like.

```
.text, #text, p{  
    color:rgb(177, 179, 149)  
}
```

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(177, 179, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 179, 149) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 16.226, 111.373 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(177, 179, 149) }
```

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

```
.border{ border-color:rgb(177, 179, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 179, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 179, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 179, 149);  
box-shadow:4px 4px 4px 4px rgb(177, 179,  
149) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 16.226, 111.373 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 179, 149) }
```

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

```
.background{ background-color: rgb(177,  
179, 149) }
```

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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