

Converting Colors

CIELCh(70, 14.539, 107.538)

Have a look what the booklet for
CIELCh(70, 14.539, 107.538)
contains.

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Color

CIELCh(70, 14.677, 108.692)

Conversions

Conversions Part 1

Format	Color
Hex	ADAD92
RGB	173, 173, 146
RGB Percent	68%, 68%, 57%
CMY	0.3223, 0.3223, 0.4281
CMYK	0.00, 0.00, 0.16, 0.32
HSL	60°, 14%, 62%
HSV	60°, 16%, 68%
XYZ	37.2753, 40.7494, 33.0222
YIQ	169.9220, 8.6670, -8.3970

Conversions

Conversions Part 2

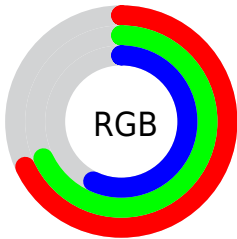
Format	Color
RYB	146, 173, 146
Decimal	11382162
CIELab	70.00, -4.70, 13.90
CIELCh	70, 14.677, 108.692
Yxy	40.7494, 0.3357, 0.3670
Android (android.graphics.Color)	4289572242 (0xFFADAD92)
YUV	169.9220, -11.7935, 2.6994
Hunter-Lab	63.8353, -7.4802, 14.0138

Details

The CIELCh color $70, 14.677, 108.692$ is a light color, and the websafe version is hex 999966 . A complement of this color would be $61, 15.204, 291.856$, and the grayscale version is $70, 0.009, 296.813$.

A 20% lighter version of the original color is $90, 14.469, 107.508$, and $50, 15.067, 109.832$ is the 20% darker color. If you saturate the color by 10%, you get $70, 23.974, 107.743$, and if you desaturate by 10%, it is $70, 5.289, 109.644$.

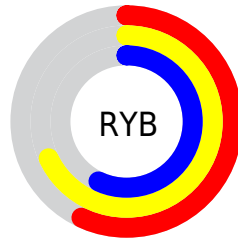
Distribution



Red (68%)

Green (68%)

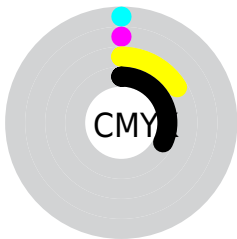
Blue (57%)



Red (57%)

Yellow (68%)

Blue (57%)

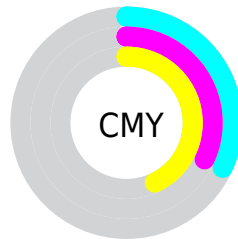


Cyan (0%)

Magenta (0%)

Yellow (16%)

Black (32%)



Cyan (32%)


Magenta (32%)


Yellow (43%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 14.677, 108.692 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 70, 14.677, 108.692 by changing the saturation by 10% instead.


 70, 14.677,
108.692


 70, 14.677,
108.692


 100, 14.677,
108.692


 60, 14.677,
108.692


 90, 14.677,
108.692

 50, 14.677,
108.692

 40, 14.677,
108.692

 30, 14.677,
108.692

 20, 14.677,
108.692

 10, 14.677,
108.692

 0, 14.677, 108.692

70, 14.677,
108.692

70, 14.677,
108.692

70, 23.974,
107.743

70, 5.289, 109.644

69, 33.092,
106.801

71, 4.139, 290.607

69, 41.902,
105.893

71, 13.570,
291.511

69, 50.205,
105.045

72, 22.979,
292.390

69, 57.710,
104.290

73, 32.347,
293.234

69, 64.023,
103.667

73, 41.662,
294.038

69, 68.709,
103.213

73, 44.605,
294.285

69, 71.484,

73, 44.605,
294.286

102.949

■ 73, 44.605,
294.288

■ 69, 72.397,
102.863

Harmonies

Complementary

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



70, 14.677, 108.692



61, 15.204, 291.856

Rectangle

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



70, 14.677, 108.692



70, 14.677, 158.692



70, 14.677, 288.692



70, 14.677, 338.692

Sweetspot

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



70, 14.679, 108.698



89, 5.817, 109.694



63, 10.767, 20.417



47, 3.964, 109.631



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



70, 14.679, 108.698



88, 22.051, 108.343



69, 15.681, 128.382



37, 5.341, 109.298



60, 65.376, 102.862



7, 11.345, 110.186

Inverse Universe

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



61, 15.204, 291.856



75, 23.040, 292.318



62, 16.015, 309.770



33, 5.457, 291.133



17, 90.271, 306.288



1, 11.347, 290.183

Previews

White Background



This preview shows how the CIELCh color 70, 14.677, 108.692 looks on a white background.

Color Contrast Check

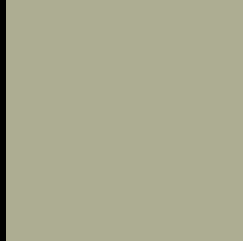
Large Text (above 18pt) WCAG AA × Fail

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 70, 14.677, 108.692 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

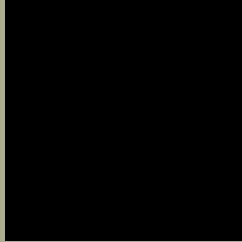
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

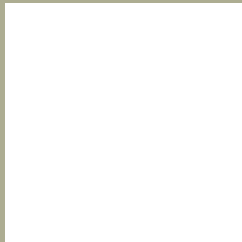
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 70, 14.677, 108.692

Background



This preview shows how black text looks on a background with the CIELCh color 70, 14.677, 108.692.



This preview shows how white text looks on a background with the CIELCh color 70, 14.677, 108.692.

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

70, 14.677, 108.692

Protanopia

70, 14.606, 94.425

Deuteranopia

70, 16.041, 57.663



Tritanopia
70, 8.073, 318.165

Trichromacy



Original Color
70, 14.677, 108.692

Protanomaly
70, 14.817, 100.930

Deuteranomaly
70, 14.040, 74.012

Tritanomaly
70, 2.520, 45.031

Monochromacy



Original Color
70, 14.677, 108.692

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 5.455, 109.617

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 14.677, 108.692 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, 173, 146)` looks like.

```
.text, #text, p{  
    color:rgb(173, 173, 146)  
}
```

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, 173, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 173, 146) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 14.677, 108.692 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, 173, 146) }
```

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

```
.border{ border-color:rgb(173, 173, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 173, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 173, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 173, 146);  
box-shadow:4px 4px 4px 4px rgb(173, 173,  
146) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 14.677, 108.692 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 173, 146) }
```

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

```
.background{ background-color: rgb(173,  
173, 146) }
```

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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