

Converting Colors

CIELCh(70, 15.325, 107.958)

Have a look what the booklet for
CIELCh(70, 15.325, 107.958)
contains.

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Color

CIELCh(70, 15.218, 108.637)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | ADAD91 |
| RGB | 173, 173, 145 |
| RGB Percent | 68%, 68%, 57% |
| CMY | 0.3221, 0.3220, 0.4318 |
| CMYK | 0.00, 0.00, 0.16, 0.32 |
| HSL | 60°, 15%, 62% |
| HSV | 60°, 16%, 68% |
| XYZ | 37.2266, 40.7494, 32.6424 |
| YIQ | 169.8080, 8.9880, -8.7080 |

Conversions

Conversions Part 2

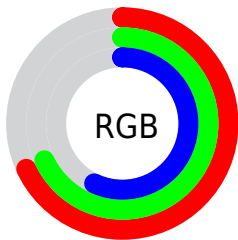
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 145, 173, 145 |
| Decimal | 11382161 |
| CIELab | 70.00, -4.86, 14.42 |
| CIELCh | 70, 15.218, 108.637 |
| Yxy | 40.7494, 0.3365, 0.3684 |
| Android (android.graphics.Color) | 4289572241 (0xFFADAD91) |
| YUV | 169.8080, -12.2303, 2.7994 |
| Hunter-Lab | 63.8353, -7.6164, 14.3665 |

Details

The CIELCh color **70, 15.218, 108.637** is a light color, and the websafe version is hex **999966**. A complement of this color would be **61, 15.785, 291.925**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **90, 14.984, 107.514**, and **50, 15.640, 109.700** is the 20% darker color. If you saturate the color by 10%, you get **70, 24.510, 107.688**, and if you desaturate by 10%, it is **70, 5.831, 109.590**.

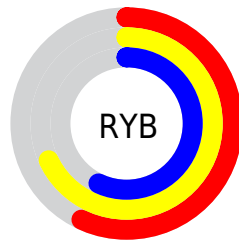
Distribution



Red (68%)

Green (68%)

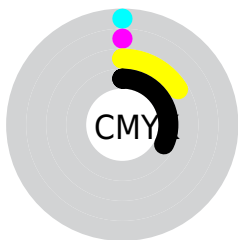
Blue (57%)



Red (57%)

Yellow (68%)

Blue (57%)

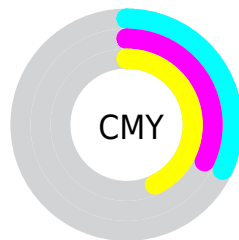


Cyan (0%)

Magenta (0%)

Yellow (16%)

Black (32%)



Cyan (32%)


Magenta (32%)


Yellow (43%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 15.218, 108.637 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, 15.218, 108.637 by changing the saturation by 10% instead.


 70, 15.218,
108.637


 70, 15.218,
108.637


 100, 15.218,
108.637


 60, 15.218,
108.637


 90, 15.218,
108.637


 50, 15.218,
108.637

 40, 15.218,
108.637

 30, 15.218,
108.637

 20, 15.218,
108.637

 10, 15.218,
108.637

 0, 15.218, 108.637

70, 15.218,
108.637

70, 15.218,
108.637

70, 24.510,
107.688

70, 5.831, 109.590

69, 33.617,
106.747

71, 3.598, 290.556

69, 42.407,
105.842

71, 13.032,
291.459

69, 50.675,
104.998

72, 22.446,
292.341

69, 58.124,
104.250

73, 31.819,
293.187

69, 64.357,
103.636

73, 41.140,
293.993

69, 68.939,
103.192

74, 44.571,
294.281

69, 71.621,

74, 44.571,
294.282

102.937

■ 74, 44.571,
294.283

■ 69, 72.415,
102.862

Harmonies

Complementary

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



70, 15.218, 108.637



61, 15.785, 291.925

Rectangle

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



70, 15.218, 108.637



70, 15.218, 158.637



70, 15.218, 288.637



70, 15.218, 338.637

Sweetspot

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



70, 15.220, 108.643



89, 5.817, 109.693



63, 11.191, 20.466



47, 3.964, 109.630



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, 15.220, 108.643



88, 22.051, 108.343



69, 16.262, 128.355



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, 15.785, 291.925



75, 23.040, 292.318



62, 16.621, 309.798



33, 5.457, 291.132



17, 90.271, 306.288



1, 11.347, 290.183

Previews

White Background



This preview shows how the CIELCh color 70, 15.218, 108.637 looks on a white background.

Color Contrast Check

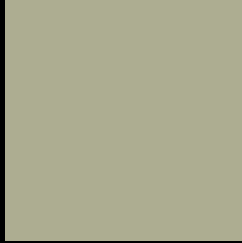
Large Text (above 18pt) WCAG AA × Fail

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, 15.218, 108.637 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

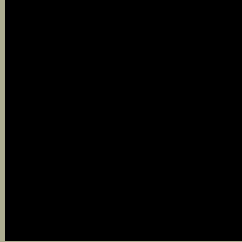
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

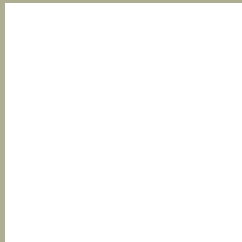
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 70, 15.218, 108.637

Background



This preview shows how black text looks on a background with the CIELCh color 70, 15.218, 108.637.



This preview shows how white text looks on a background with the CIELCh color 70, 15.218, 108.637.

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, 15.218, 108.637

Protanopia

70, 15.134, 94.852

Deuteranopia

70, 16.041, 57.663



Tritanopia
70, 8.073, 318.165

Trichromacy



Original Color
70, 15.218, 108.637

Protanomaly
70, 15.354, 101.133

Deuteranomaly
70, 14.500, 75.144

Tritanomaly
70, 2.520, 45.031

Monochromacy



Original Color
70, 15.218, 108.637

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, 15.218, 108.637 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, 145)` looks like.

```
.text, #text, p{  
    color:rgb(173, 173, 145)  
}
```

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, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 173, 145) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 15.218, 108.637 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, 145) }
```

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

```
.border{ border-color:rgb(173, 173, 145) }
```

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, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 173, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 173, 145);  
box-shadow:4px 4px 4px 4px rgb(173, 173,  
145) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 15.218, 108.637 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, 145) }
```

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

```
.background{ background-color: rgb(173,  
173, 145) }
```

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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