

Converting Colors

CIELCh(70, 32.410, 108.078)

Have a look what the booklet for
CIELCh(70, 32.410, 108.078)
contains.

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Color

CIELCh(70, 32.228, 108.402)

Conversions

Conversions Part 1

Format	Color
Hex	ADAF73
RGB	173, 175, 115
RGB Percent	68%, 69%, 45%
CMY	0.3218, 0.3140, 0.5492
CMYK	0.01, 0.00, 0.34, 0.31
HSL	62°, 27%, 57%
HSV	62°, 34%, 69%
XYZ	35.6288, 40.7494, 22.1898
YIQ	167.5620, 18.0680, -19.0840

Conversions

Conversions Part 2

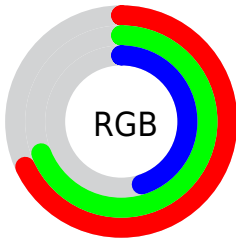
Format	Color
RYB	115, 175, 117
Decimal	11382643
CIELab	70.00, -10.17, 30.58
CIELCh	70, 32.228, 108.402
Yxy	40.7494, 0.3615, 0.4134
Android (android.graphics.Color)	4289572723 (0xFFADAF73)
YUV	167.5620, -25.9131, 4.7691
Hunter-Lab	63.8353, -12.0843, 24.0749

Details

The CIELCh color **70, 32.228, 108.402** is a light color, and the websafe version is hex **999966**. A complement of this color would be **51, 35.055, 295.537**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **90, 31.793, 108.264**, and **50, 32.291, 108.372** is the 20% darker color. If you saturate the color by 10%, you get **70, 41.179, 107.541**, and if you desaturate by 10%, it is **70, 22.988, 109.301**.

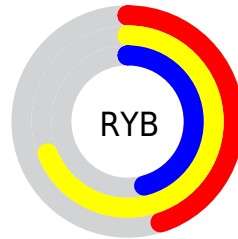
Distribution



Red (68%)

Green (69%)

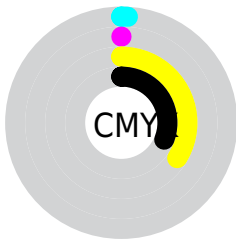
Blue (45%)



Red (45%)

Yellow (69%)

Blue (46%)

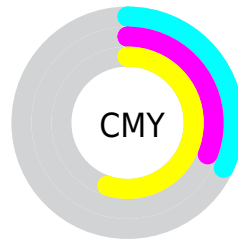


Cyan (1%)

Magenta (0%)

Yellow (34%)

Black (31%)



Cyan (32%)


Magenta (31%)


Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 32.228, 108.402 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, 32.228, 108.402 by changing the saturation by 10% instead.


 70, 32.228,
108.402


 70, 32.228,
108.402


 100, 32.228,
108.402


 60, 32.228,
108.402


 90, 32.228,
108.402

 50, 32.228,
108.402

 40, 32.228,
108.402

 30, 32.228,
108.402

 20, 32.228,
108.402

 10, 32.228,
108.402

 0, 32.228, 108.402

■ 70, 32.228,
108.402

■ 70, 32.228,
108.402

■ 70, 41.179,
107.541

■ 70, 22.988,
109.301

■ 69, 49.647,
106.736

■ 71, 13.580,
110.207

■ 69, 57.353,
106.029

■ 71, 4.084, 111.100

■ 69, 63.914,
105.463

■ 72, 5.446, 292.004

■ 69, 68.889,
105.087

■ 72, 14.975,
292.855

■ 69, 71.935,
104.935

■ 73, 24.477,
293.678

■ 69, 73.123,
104.911

■ 74, 33.935,
294.464

■ 74, 43.334,
295.211

■ 74, 43.393,
295.449

Harmonies

Complementary

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



70, 32.228, 108.402



51, 35.055, 295.537

Rectangle

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



70, 32.228, 108.402



70, 32.228, 158.402



70, 32.228, 288.402



70, 32.228, 338.402

Sweetspot

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



70, 32.229, 108.405



90, 11.748, 110.579



55, 24.853, 24.825



48, 8.078, 110.455



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



70, 32.229, 108.405



88, 47.253, 107.760



68, 34.943, 128.662



37, 5.344, 110.657



60, 65.435, 104.887



7, 11.356, 112.108

Inverse Universe

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



51, 35.055, 295.537



60, 52.596, 296.723



54, 36.517, 311.825



33, 5.460, 292.387



17, 90.085, 306.414



1, 11.352, 291.251

Previews

White Background



This preview shows how the CIELCh color 70, 32.228, 108.402 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, 32.228, 108.402 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

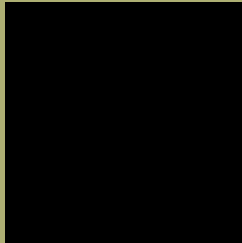
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

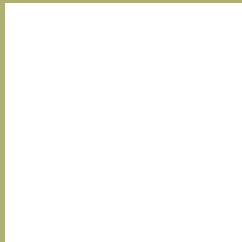
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 70, 32.228, 108.402

Background



This preview shows how black text looks on a background with the CIELCh color 70, 32.228, 108.402.



This preview shows how white text looks on a background with the CIELCh color 70, 32.228, 108.402.

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, 32.228, 108.402

Protanopia

70, 31.971, 95.456

Deuteranopia

70, 31.132, 74.111



Tritanopia
70, 8.873, 326.827

Trichromacy



Original Color
70, 32.228, 108.402

Protanomaly
70, 31.500, 100.037

Deuteranomaly
70, 30.265, 86.656

Tritanomaly
70, 8.244, 87.058

Monochromacy



Original Color
70, 32.228, 108.402

Achromatopsia
69, 0.009, 296.813

Achromatomaly
69, 12.004, 110.835

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 32.228, 108.402 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, 175, 115)` looks like.

```
.text, #text, p{  
    color:rgb(173, 175, 115)  
}
```

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, 175, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 175, 115) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 32.228, 108.402 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, 175, 115) }
```

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

```
.border{ border-color:rgb(173, 175, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 175, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 175, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 175, 115);  
box-shadow:4px 4px 4px 4px rgb(173, 175,  
115) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 32.228, 108.402 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 175, 115) }
```

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

```
.background{ background-color: rgb(173,  
175, 115) }
```

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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