

Converting Colors

CIELCh(70, 23.808, 109.200)

Have a look what the booklet for
CIELCh(70, 23.808, 109.200)
contains.

CIELCh(70, 23.803, 108.750)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(70, 23.803, 108.750)

Conversions

Conversions Part 1

Format	Color
Hex	ADAE82
RGB	173, 174, 130
RGB Percent	68%, 68%, 51%
CMY	0.3217, 0.3178, 0.4903
CMYK	0.01, 0.00, 0.25, 0.32
HSL	61°, 21%, 60%
HSV	61°, 25%, 68%
XYZ	36.3820, 40.7494, 27.0551
YIQ	168.6850, 13.5280, -13.8960

Conversions

Conversions Part 2

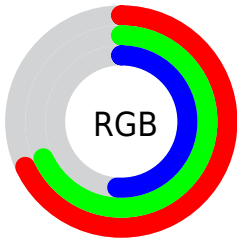
Format	Color
RYB	130, 174, 131
Decimal	11382402
CIELab	70.00, -7.65, 22.54
CIELCh	70, 23.803, 108.750
Yxy	40.7494, 0.3492, 0.3911
Android (android.graphics.Color)	4289572482 (0xFFADAE82)
YUV	168.6850, -19.0717, 3.7843
Hunter-Lab	63.8353, -9.9783, 19.5560

Details

The CIELCh color **70, 23.803, 108.750** is a light color, and the websafe version is hex **999966**. A complement of this color would be **56, 25.251, 293.894**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **90, 23.689, 108.228**, and **50, 24.123, 109.118** is the 20% darker color. If you saturate the color by 10%, you get **70, 32.980, 107.845**, and if you desaturate by 10%, it is **70, 14.453, 109.675**.

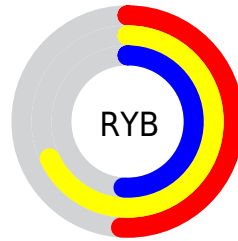
Distribution



Red (68%)

Green (68%)

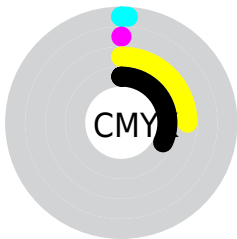
Blue (51%)



Red (51%)

Yellow (68%)

Blue (51%)

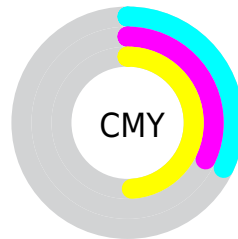


Cyan (1%)

Magenta (0%)

Yellow (25%)

Black (32%)



Cyan (32%)


Magenta (32%)


Yellow (49%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 23.803, 108.750 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, 23.803, 108.750 by changing the saturation by 10% instead.


 70, 23.803,
108.750


 70, 23.803,
108.750


 100, 23.803,
108.750


 60, 23.803,
108.750


 90, 23.803,
108.750

 50, 23.803,
108.750

 40, 23.803,
108.750

 30, 23.803,
108.750

 20, 23.803,
108.750

 10, 23.803,
108.750

 0, 23.803, 108.750

70, 23.803,
108.750

70, 23.803,
108.750

70, 32.980,
107.845

70, 14.453,
109.675

69, 41.850,
106.969

71, 5.008, 110.587

69, 50.218,
106.155

71, 4.475, 291.510

69, 57.794,
105.440

72, 13.960,
292.379

69, 64.187,
104.866

72, 23.421,
293.221

69, 68.960,
104.477

73, 32.840,
294.028

69, 71.806,
104.303

74, 42.202,
294.794

69, 72.788,

74, 43.948,
295.060

104.259

■ 74, 43.951,
295.217

Harmonies

Complementary

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



70, 23.803, 108.750



56, 25.251, 293.894

Rectangle

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



70, 23.803, 108.750



70, 23.803, 158.750



70, 23.803, 288.750



70, 23.803, 338.750

Sweetspot

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



70, 23.804, 108.754



90, 9.398, 110.330



59, 17.905, 22.591



48, 6.732, 110.194



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, 23.804, 108.754



89, 34.934, 108.275



68, 25.617, 128.511



37, 5.343, 110.224



60, 65.406, 104.243



7, 11.351, 111.502

Inverse Universe

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



56, 25.251, 293.894



68, 37.588, 294.633



58, 26.479, 310.817



33, 5.459, 291.987



17, 90.144, 306.373



1, 11.350, 290.911

Previews

White Background



This preview shows how the CIELCh color 70, 23.803, 108.750 looks on a white background.

Color Contrast Check

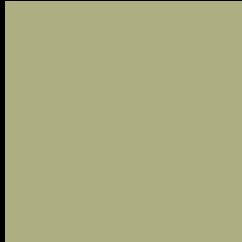
Large Text (above 18pt) WCAG AA × Fail

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, 23.803, 108.750 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

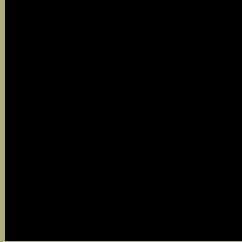
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

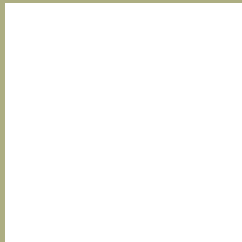
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 70, 23.803, 108.750

Background



This preview shows how black text looks on a background with the CIELCh color 70, 23.803, 108.750.



This preview shows how white text looks on a background with the CIELCh color 70, 23.803, 108.750.

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, 23.803, 108.750

Protanopia

70, 23.340, 95.558

Deuteranopia

70, 23.553, 67.365



Tritanopia
70, 8.453, 322.688

Trichromacy



Original Color
70, 23.803, 108.750

Protanomaly
70, 23.485, 100.739

Deuteranomaly
70, 22.384, 82.831

Tritanomaly
70, 5.118, 77.840

Monochromacy



Original Color
70, 23.803, 108.750

Achromatopsia
69, 0.009, 296.813

Achromatomaly
69, 8.741, 111.839

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 23.803, 108.750 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, 174, 130)` looks like.

```
.text, #text, p{  
    color:rgb(173, 174, 130)  
}
```

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, 174, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 174, 130) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 23.803, 108.750 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, 174, 130) }
```

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

```
.border{ border-color:rgb(173, 174, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 174, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 174, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 174, 130);  
box-shadow:4px 4px 4px 4px rgb(173, 174,  
130) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 23.803, 108.750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 174, 130) }
```

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

```
.background{ background-color: rgb(173,  
174, 130) }
```

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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