

Converting Colors

CIELCh(72, 57.333, 109.017)

Have a look what the booklet for
CIELCh(72, 57.333, 109.017)
contains.

CIELCh(72, 57.236, 108.952)	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(72, 57.236, 108.952)

Conversions

Conversions Part 1

Format	Color
Hex	AEB848
RGB	174, 184, 72
RGB Percent	68%, 72%, 28%
CMY	0.3183, 0.2790, 0.7182
CMYK	0.05, 0.00, 0.61, 0.28
HSL	65°, 44%, 50%
HSV	65°, 61%, 72%
XYZ	35.6898, 43.6590, 12.6502
YIQ	168.2420, 29.9920, -36.9520

Conversions

Conversions Part 2

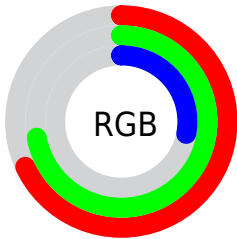
Format	Color
RYB	72, 184, 82
Decimal	11450440
CIELab	72.00, -18.59, 54.13
CIELCh	72, 57.236, 108.952
Yxy	43.6590, 0.3879, 0.4746
Android (android.graphics.Color)	4289640520 (0xFFFAEB848)
YUV	168.2420, -47.4473, 5.0498
Hunter-Lab	66.0750, -19.2160, 34.9013

Details

The CIELCh color $72, 57.236, 108.952$ is a dark color, and the websafe version is hex `CCCC66`. A complement of this color would be $38, 68.184, 301.521$, and the grayscale version is $69, 0.009, 296.813$.

A 20% lighter version of the original color is $92, 57.284, 108.844$, and $52, 57.109, 108.786$ is the 20% darker color. If you saturate the color by 10%, you get $72, 64.531, 108.452$, and if you desaturate by 10%, it is $72, 48.892, 109.604$.

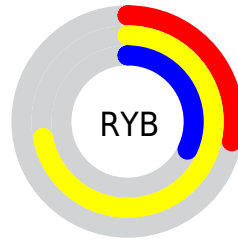
Distribution



Red (68%)

Green (72%)

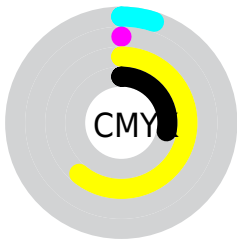
Blue (28%)



Red (28%)

Yellow (72%)

Blue (32%)

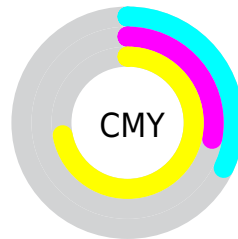


Cyan (5%)

Magenta (0%)

Yellow (61%)

Black (28%)



Cyan (32%)


Magenta (28%)


Yellow (72%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 57.236, 108.952 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, 57.236, 108.952 by changing the saturation by 10% instead.


 72, 57.236,
108.952


 72, 57.236,
108.952


 100, 57.236,
108.952


 62, 57.236,
108.952


 92, 57.236,
108.952

 52, 57.236,
108.952

 42, 57.236,
108.952

 32, 57.236,
108.952

 22, 57.236,
108.952

 12, 57.236,
108.952

 2, 57.236, 108.952

0, 57.236, 108.952

72, 57.236,
108.952

72, 57.236,
108.952

72, 64.531,
108.452

72, 48.892,
109.604

72, 70.323,
108.160

73, 39.861,
110.349

71, 74.194,
108.137

73, 30.403,
111.148

71, 76.232,
108.324

74, 20.689,
111.972

74, 10.832,
112.799

75, 0.905, 113.586

■ 75, 9.041, 294.415

■ 76, 18.973,
295.177

■ 77, 28.865,
295.906

Harmonies

Complementary

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



72, 57.236, 108.952



38, 68.184, 301.521

Rectangle

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



72, 57.236, 108.952



72, 57.236, 158.952



72, 57.236, 288.952



72, 57.236, 338.952

Sweetspot

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



72, 57.237, 108.954



93, 22.108, 112.189



48, 48.373, 32.359



50, 15.335, 111.949



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



72, 57.237, 108.954



91, 81.301, 108.329



68, 63.504, 129.227



39, 5.615, 112.929



61, 67.370, 108.255



9, 15.286, 114.611

Inverse Universe

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



38, 68.184, 301.521



41, 102.327, 303.801



43, 68.080, 314.564



36, 5.737, 294.503



18, 92.003, 306.622



1, 15.410, 292.884

Previews

White Background



This preview shows how the CIELCh color 72, 57.236, 108.952 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, 57.236, 108.952 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, 57.236, 108.952

Background



This preview shows how black text looks on a background with the CIELCh color 72, 57.236, 108.952.



This preview shows how white text looks on a background with the CIELCh color 72, 57.236, 108.952.

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


72, 57.236, 108.952

Protanopia

72, 55.755, 95.957

Deuteranopia

72, 53.543, 80.493



Tritanopia
72, 9.065, 322.859

Trichromacy



Original Color
72, 57.236, 108.952

Protanomaly
72, 55.581, 100.562

Deuteranomaly
72, 53.206, 91.413

Tritanomaly
71, 17.431, 101.833

Monochromacy



Original Color
72, 57.236, 108.952

Achromatopsia
69, 0.009, 296.813

Achromatomaly
70, 22.267, 112.109

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 57.236, 108.952 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(174, 184, 72)` looks like.

```
.text, #text, p{  
    color:rgb(174, 184, 72)  
}
```

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(174, 184, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 184, 72) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 57.236, 108.952 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(174, 184, 72) }
```

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

```
.border{ border-color:rgb(174, 184, 72) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 184, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 184, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 184, 72);  
box-shadow:4px 4px 4px 4px rgb(174, 184,  
72) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 57.236, 108.952 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 184, 72) }
```

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

```
.background{ background-color: rgb(174,  
184, 72) }
```

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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