

Converting Colors

CIELCh(72, 3.973, 35.527)

Have a look what the booklet for
CIELCh(72, 3.973, 35.527) contains.

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Color

CIELCh(72, 3.949, 35.526)

Conversions

Conversions Part 1

Format	Color
Hex	B8AEAC
RGB	184, 174, 172
RGB Percent	72%, 68%, 67%
CMY	0.2769, 0.3161, 0.3239
CMYK	0.00, 0.05, 0.07, 0.28
HSL	10°, 8%, 70%
HSV	10°, 7%, 72%
XYZ	42.5604, 43.6590, 45.4129
YIQ	176.7620, 6.6020, 1.4980

Conversions

Conversions Part 2

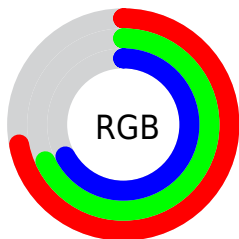
Format	Color
RYB	184, 174, 172
Decimal	12103340
CIELab	72.00, 3.21, 2.29
CIELCh	72, 3.949, 35.526
Yxy	43.6590, 0.3233, 0.3317
Android (android.graphics.Color)	4290293420 (0xFFB8AEAC)
YUV	176.7620, -2.3477, 6.3477
Hunter-Lab	66.0750, -0.6554, 5.5029

Details

The CIELCh color $72, 3.949, 35.526$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $73, 3.793, 215.922$, and the grayscale version is $72, 0.009, 296.813$.

A 20% lighter version of the original color is $92, 4.089, 34.120$, and $52, 3.841, 37.199$ is the 20% darker color. If you saturate the color by 10%, you get $68, 10.433, 35.673$, and if you desaturate by 10%, it is $77, 2.036, 216.006$.

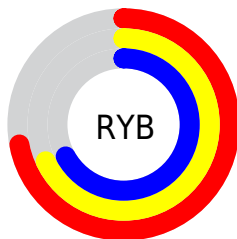
Distribution



Red (72%)

Green (68%)

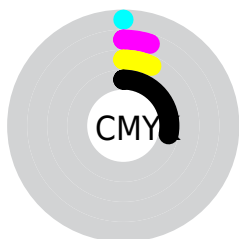
Blue (67%)



Red (72%)

Yellow (68%)

Blue (67%)

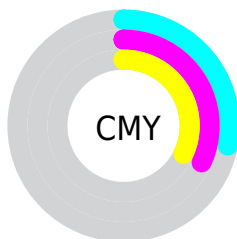


Cyan (0%)

Magenta (5%)

Yellow (7%)

Black (28%)



Cyan (28%)

Magenta (32%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 3.949, 35.526 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, 3.949, 35.526 by changing the saturation by 10% instead.

■ 72, 3.949, 35.526

■ 72, 3.949, 35.526

■ 100, 3.949, 35.526

■ 62, 3.949, 35.526

■ 92, 3.949, 35.526

■ 52, 3.949, 35.526

■ 42, 3.949, 35.526

■ 32, 3.949, 35.526

■ 22, 3.949, 35.526

■ 12, 3.949, 35.526

■ 2, 3.949, 35.526

■ 0, 3.949, 35.526

■ 72, 3.949, 35.526

■ 72, 3.949, 35.526

68, 10.433, 35.673

77, 2.036, 216.006

63, 17.463, 35.861

81, 7.569, 215.959

59, 25.067, 36.210

86, 12.701,
216.125

55, 33.249, 36.771

90, 17.479,
216.346

51, 41.964, 37.588

48, 51.092, 38.683

95, 21.525,
203.334

45, 60.368, 40.009

96, 22.731,
198.016

42, 69.213, 41.340

40, 76.463, 42.140

Harmonies

Complementary

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



72, 3.949, 35.526



73, 3.793, 215.922

Rectangle

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



72, 3.949, 35.526



72, 3.949, 85.526



72, 3.949, 215.526



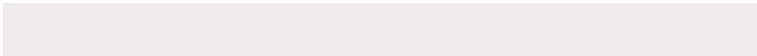
72, 3.949, 265.526

Sweetspot

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



72, 3.948, 35.556



94, 1.473, 35.277



72, 7.088, 329.740



50, 0.837, 35.254



97, 0.011, 296.813



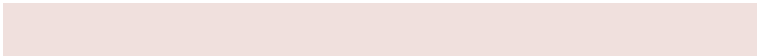
50, 0.007, 296.813

Same Dimension

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



72, 3.948, 35.556



90, 6.044, 35.581



74, 4.568, 90.281



36, 3.463, 35.595



33, 69.056, 42.716



3, 9.504, 30.863

Inverse Universe

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



73, 3.793, 215.922



93, 5.745, 215.920



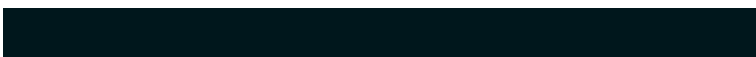
72, 4.576, 271.996



38, 3.266, 215.927



50, 30.098, 227.863



6, 8.645, 223.778

Previews

White Background



This preview shows how the CIELCh color 72, 3.949, 35.526 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, 3.949, 35.526 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

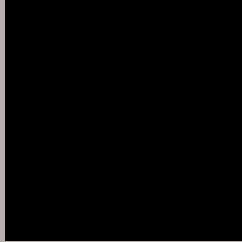
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

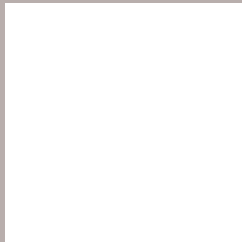
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 72, 3.949, 35.526

Background



This preview shows how black text looks on a background with the CIELCh color 72, 3.949, 35.526.



This preview shows how white text looks on a background with the CIELCh color 72, 3.949, 35.526.

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, 3.949, 35.526

Protanopia

72, 2.207, 66.718

Deuteranopia

72, 9.269, 13.471



Tritanopia
72, 9.268, 324.824

Trichromacy



Original Color
72, 3.949, 35.526

Protanomaly
72, 2.856, 41.760

Deuteranomaly
72, 7.284, 15.711

Tritanomaly
72, 6.285, 336.063

Monochromacy



Original Color
72, 3.949, 35.526

Achromatopsia
72, 0.009, 296.813

Achromatomaly
72, 1.593, 39.106

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 3.949, 35.526 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(184, 174, 172)` looks like.

```
.text, #text, p{  
    color:rgb(184, 174, 172)  
}
```

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(184, 174, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 174, 172) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 3.949, 35.526 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(184, 174, 172) }
```

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

```
.border{ border-color:rgb(184, 174, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 174, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 174, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 174, 172);  
box-shadow:4px 4px 4px 4px rgb(184, 174,  
172) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 3.949, 35.526 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 174, 172) }
```

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

```
.background{ background-color: rgb(184,  
174, 172) }
```

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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