

Converting Colors

CIELCh(72, 3.475, 276.271)

Have a look what the booklet for
CIELCh(72, 3.475, 276.271) contains.

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Color

CIELCh(72, 3.875, 279.647)

Conversions

Conversions Part 1

Format	Color
Hex	AEB0B7
RGB	174, 176, 183
RGB Percent	68%, 69%, 72%
CMY	0.3163, 0.3084, 0.2810
CMYK	0.05, 0.04, 0.00, 0.28
HSL	227°, 6%, 70%
HSV	227°, 5%, 72%
XYZ	41.7101, 43.6590, 51.2192
YIQ	176.2000, -3.4390, 1.7530

Conversions

Conversions Part 2

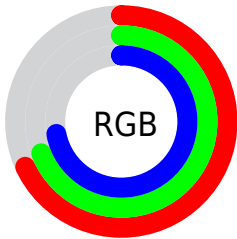
Format	Color
RYB	174, 176, 183
Decimal	11448503
CIELab	72.00, 0.65, -3.82
CIELCh	72, 3.875, 279.647
Yxy	43.6590, 0.3054, 0.3196
Android (android.graphics.Color)	4289638583 (0xFFAEB0B7)
YUV	176.2000, 3.3524, -1.9294
Hunter-Lab	66.0750, -2.9524, 0.2928

Details

The CIELCh color `72, 3.875, 279.647` is a light color, and the websafe version is hex `999999`. A complement of this color would be `74, 3.842, 98.420`, and the grayscale version is `72, 0.009, 296.813`.

A 20% lighter version of the original color is `92, 3.760, 274.282`, and `52, 3.560, 277.983` is the 20% darker color. If you saturate the color by 10%, you get `67, 11.904, 280.901`, and if you desaturate by 10%, it is `77, 3.946, 98.426`.

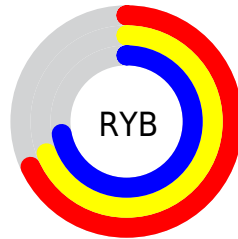
Distribution



Red (68%)

Green (69%)

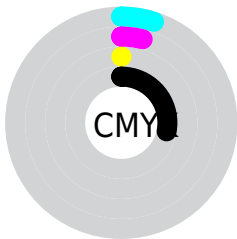
Blue (72%)



Red (68%)

Yellow (69%)

Blue (72%)

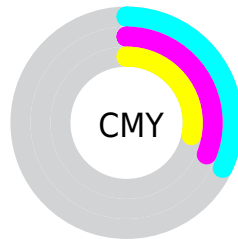


Cyan (5%)

Magenta (4%)

Yellow (0%)

Black (28%)



Cyan (32%)

Magenta (31%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 3.875, 279.647 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, 3.875, 279.647 by changing the saturation by 10% instead.

■ 72, 3.875, 279.647

■ 72, 3.875, 279.647

■ 100, 3.875,
279.647

■ 62, 3.875, 279.647

■ 92, 3.875, 279.647

■ 52, 3.875, 279.647

■ 42, 3.875, 279.647

■ 32, 3.875, 279.647

■ 22, 3.875, 279.647

■ 12, 3.875, 279.647

■ 2, 3.875, 279.647

■ 0, 3.875, 279.647

■ 72, 3.875, 279.647

■ 72, 3.875, 279.647

67, 11.904,
280.901

77, 3.946, 98.426

62, 20.159,
282.413

82, 11.566, 97.483

56, 28.659,
284.181

87, 18.996, 96.645

51, 37.429,
286.242

92, 26.243, 95.908

46, 46.494,
288.619

97, 32.637,
102.641

41, 55.868,
291.311

36, 65.509,
294.263

32, 75.231,
297.341

28, 84.590,

Harmonies

Complementary

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



72, 3.875, 279.647



74, 3.842, 98.420

Rectangle

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



72, 3.875, 279.647



72, 3.875, 329.647



72, 3.875, 99.647



72, 3.875, 149.647

Sweetspot

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



72, 3.874, 279.627



93, 0.976, 279.328



74, 3.524, 180.439



50, 0.560, 279.333



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, 3.874, 279.627



90, 5.841, 279.764



72, 5.005, 300.833



37, 3.137, 279.816



22, 77.920, 301.287



2, 12.928, 282.675

Inverse Universe

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



72, 3.574, 1.863



90, 5.399, 2.001



74, 4.943, 120.260



37, 2.902, 2.050



32, 62.918, 26.899



2, 10.965, 6.134

Previews

White Background



This preview shows how the CIELCh color 72, 3.875, 279.647 looks on a white background.

Color Contrast Check

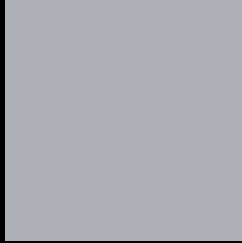
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 72, 3.875, 279.647 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

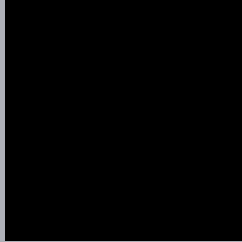
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

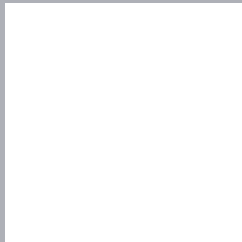
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 72, 3.875, 279.647

Background



This preview shows how black text looks on a background with the CIELCh color 72, 3.875, 279.647.



This preview shows how white text looks on a background with the CIELCh color 72, 3.875, 279.647.

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, 3.875, 279.647

Protanopia

72, 4.517, 304.792

Deuteranopia

72, 10.055, 335.587



Tritanopia
72, 7.633, 290.929

Trichromacy



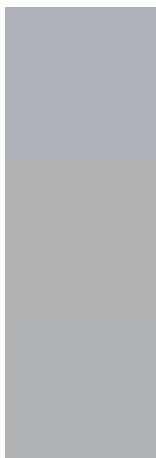
Original Color
72, 3.875, 279.647

Protanomaly
72, 4.437, 300.174

Deuteranomaly
72, 7.290, 324.732

Tritanomaly
72, 6.544, 290.825

Monochromacy



Original Color
72, 3.875, 279.647

Achromatopsia
72, 0.009, 296.813

Achromatomaly
72, 1.151, 271.520

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 3.875, 279.647 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, 176, 183)` looks like.

```
.text, #text, p{  
    color:rgb(174, 176, 183)  
}
```

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, 176, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 176, 183) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 3.875, 279.647 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, 176, 183) }
```

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

```
.border{ border-color:rgb(174, 176, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 176, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 176, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 176, 183);  
box-shadow:4px 4px 4px 4px rgb(174, 176,  
183) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 3.875, 279.647 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 176, 183) }
```

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

```
.background{ background-color: rgb(174,  
176, 183) }
```

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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