

Converting Colors

CIELCh(72, 1.905, 277.125)

Have a look what the booklet for
CIELCh(72, 1.905, 277.125) contains.

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Color

CIELCh(72, 2.210, 280.779)

Conversions

Conversions Part 1

Format	Color
Hex	AFB0B4
RGB	175, 176, 180
RGB Percent	69%, 69%, 71%
CMY	0.3123, 0.3084, 0.2927
CMYK	0.03, 0.02, 0.00, 0.29
HSL	228°, 3%, 70%
HSV	228°, 3%, 71%
XYZ	41.6324, 43.6590, 49.6072
YIQ	176.1570, -1.8800, 1.0320

Conversions

Conversions Part 2

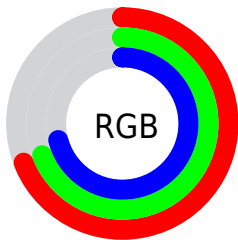
Format	Color
RYB	175, 176, 180
Decimal	11514036
CIELab	72.00, 0.41, -2.17
CIELCh	72, 2.210, 280.779
Yxy	43.6590, 0.3086, 0.3236
Android (android.graphics.Color)	4289704116 (0xFFAFB0B4)
YUV	176.1570, 1.8946, -1.0147
Hunter-Lab	66.0750, -3.1623, 1.7392

Details

The CIELCh color `72, 2.210, 280.779` is a light color, and the websafe version is hex `999999`. A complement of this color would be `73, 2.186, 99.994`, and the grayscale version is `72, 0.009, 296.813`.

A 20% lighter version of the original color is `92, 2.183, 271.565`, and `52, 1.784, 277.662` is the 20% darker color. If you saturate the color by 10%, you get `67, 10.287, 281.930`, and if you desaturate by 10%, it is `77, 5.646, 99.586`.

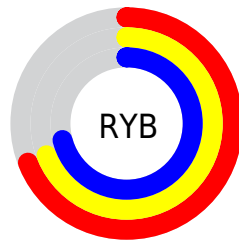
Distribution



Red (69%)

Green (69%)

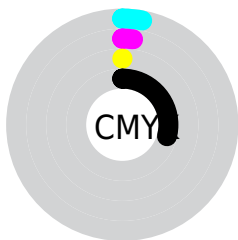
Blue (71%)



Red (69%)

Yellow (69%)

Blue (71%)

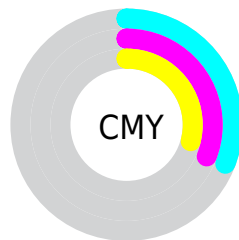


Cyan (3%)

Magenta (2%)

Yellow (0%)

Black (29%)



Cyan (31%)

Magenta (31%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 2.210, 280.779 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, 2.210, 280.779 by changing the saturation by 10% instead.

■ 72, 2.210, 280.779

■ 72, 2.210, 280.779

100, 2.210,
280.779

■ 62, 2.210, 280.779

■ 92, 2.210, 280.779

■ 52, 2.210, 280.779

■ 42, 2.210, 280.779

■ 32, 2.210, 280.779

■ 22, 2.210, 280.779

■ 12, 2.210, 280.779

■ 2, 2.210, 280.779

■ 0, 2.210, 280.779

■ 72, 2.210, 280.779

■ 72, 2.210, 280.779

67, 10.287,
281.930

77, 5.646, 99.586

62, 18.605,
283.366

82, 13.290, 98.679

56, 27.182,
285.049

88, 20.734, 97.879

51, 36.043,
287.010

93, 27.985, 97.178

46, 45.216,
289.278

97, 34.486,
103.292

41, 54.710,
291.853

98, 37.467,
107.321

36, 64.482,
294.689

32, 74.343,
297.661

28, 83.831,

Harmonies

Complementary

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



72, 2.210, 280.779



73, 2.186, 99.994

Rectangle

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



72, 2.210, 280.779



72, 2.210, 330.779



72, 2.210, 100.779



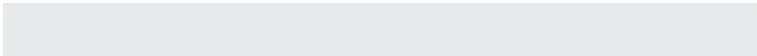
72, 2.210, 150.779

Sweetspot

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



72, 2.209, 280.744



92, 0.990, 280.658



73, 1.951, 181.983



49, 0.563, 280.662



96, 0.011, 296.813



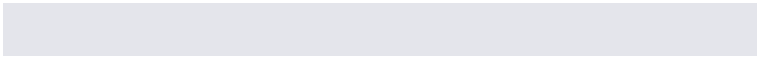
49, 0.007, 296.813

Same Dimension

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



72, 2.209, 280.744



91, 2.959, 280.770



72, 2.788, 301.320



37, 1.790, 280.837



21, 78.864, 302.032



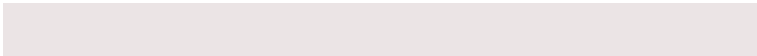
2, 11.324, 282.984

Inverse Universe

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



72, 1.965, 3.212



91, 2.634, 3.259



73, 2.757, 121.030



37, 1.595, 3.359



32, 62.971, 28.528



2, 9.412, 6.746

Previews

White Background



This preview shows how the CIE LCh color 72, 2.210, 280.779 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, 2.210, 280.779 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

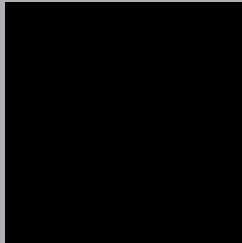
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

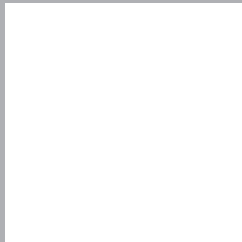
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 72, 2.210, 280.779

Background



This preview shows how black text looks on a background with the CIELCh color 72, 2.210, 280.779.



This preview shows how white text looks on a background with the CIELCh color 72, 2.210, 280.779.

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, 2.210, 280.779

Protanopia

72, 2.963, 312.549

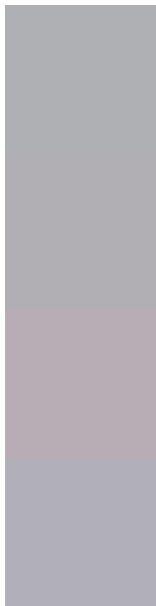
Deuteranopia

72, 9.305, 344.482



Tritanopia
72, 7.678, 296.355

Trichromacy



Original Color

72, 2.210, 280.779

Protanomaly

72, 2.840, 305.608

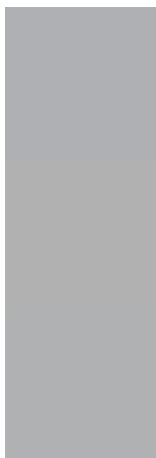
Deuteranomaly

72, 6.285, 336.063

Tritanomaly

72, 6.016, 294.254

Monochromacy



Original Color

72, 2.210, 280.779

Achromatopsia

72, 0.009, 296.813

Achromatomaly

72, 0.661, 256.062

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 2.210, 280.779 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(175, 176, 180)` looks like.

```
.text, #text, p{  
    color:rgb(175, 176, 180)  
}
```

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(175, 176, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 176, 180) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 2.210, 280.779 is called "border". The border property can be set on classes, ids or directly on the HTML element.

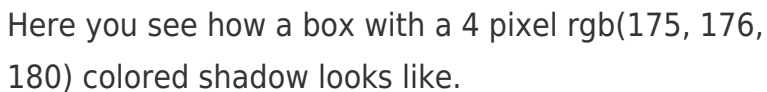
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(175, 176, 180) }
```

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

```
.border{ border-color:rgb(175, 176, 180) }
```

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



Here you see how a box with a 4 pixel `rgb(175, 176, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(175, 176, 180); -webkit-box-shadow:4px 4px 4px 4px rgb(175, 176, 180); box-shadow:4px 4px 4px 4px rgb(175, 176, 180) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 2.210, 280.779 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 176, 180) }
```

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

```
.background{ background-color: rgb(175,  
176, 180) }
```

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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