

Converting Colors

CIELCh(72, 7.523, 275.115)

Have a look what the booklet for
CIELCh(72, 7.523, 275.115) contains.

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Color

CIELCh(72, 7.358, 273.820)

Conversions

Conversions Part 1

Format	Color
Hex	ABB1BE
RGB	171, 177, 190
RGB Percent	67%, 69%, 75%
CMY	0.3305, 0.3070, 0.2561
CMYK	0.10, 0.07, 0.00, 0.26
HSL	221°, 13%, 71%
HSV	221°, 10%, 74%
XYZ	41.6577, 43.6590, 54.7773
YIQ	176.6880, -7.7490, 2.7710

Conversions

Conversions Part 2

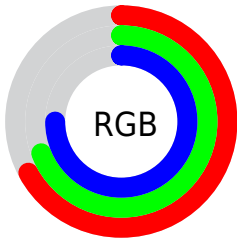
Format	Color
RYB	171, 176, 190
Decimal	11252158
CIELab	72.00, 0.49, -7.34
CIElCh	72, 7.358, 273.820
Yxy	43.6590, 0.2974, 0.3116
Android (android.graphics.Color)	4289442238 (0xFFABB1BE)
YUV	176.6880, 6.5628, -4.9884
Hunter-Lab	66.0750, -3.0939, -2.8999

Details

The CIELCh color $72, 7.358, 273.820$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $75, 7.346, 91.239$, and the grayscale version is $72, 0.009, 296.813$.

A 20% lighter version of the original color is $92, 7.100, 270.878$, and $52, 7.745, 276.982$ is the 20% darker color. If you saturate the color by 10%, you get $67, 14.828, 275.296$, and if you desaturate by 10%, it is $77, 0.018, 284.678$.

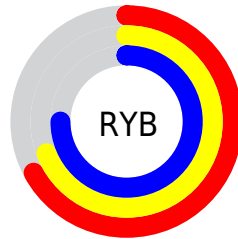
Distribution



Red (67%)

Green (69%)

Blue (75%)



Red (67%)

Yellow (69%)

Blue (75%)

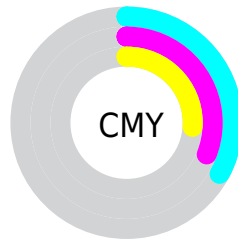


Cyan (10%)

Magenta (7%)

Yellow (0%)

Black (26%)



Cyan (33%)

Magenta (31%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 7.358, 273.820 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, 7.358, 273.820 by changing the saturation by 10% instead.

■ 72, 7.358, 273.820

■ 72, 7.358, 273.820

■ 100, 7.358,
273.820

■ 62, 7.358, 273.820

■ 92, 7.358, 273.820

■ 52, 7.358, 273.820

■ 42, 7.358, 273.820

■ 32, 7.358, 273.820

■ 22, 7.358, 273.820

■ 12, 7.358, 273.820

■ 2, 7.358, 273.820

■ 0, 7.358, 273.820

■ 72, 7.358, 273.820

■ 72, 7.358, 273.820

67, 14.828,
275.296

77, 0.018, 284.678

62, 22.436,
277.043

82, 7.191, 91.344

57, 30.194,
279.087

87, 14.271, 90.391

53, 38.120,
281.467

95, 26.930, 97.062

48, 46.246,
284.209

99, 32.653,
107.403

43, 54.601,
287.305

99, 32.856,
107.677

39, 63.192,
290.692

35, 71.940,
294.227

32, 80.617,

297.607

Harmonies

Complementary

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



72, 7.358, 273.820



75, 7.346, 91.239

Rectangle

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



72, 7.358, 273.820



72, 7.358, 323.820



72, 7.358, 93.820



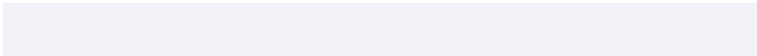
72, 7.358, 143.820

Sweetspot

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



72, 7.357, 273.810



96, 2.725, 272.960



75, 7.709, 173.958



51, 2.082, 273.042



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



72, 7.357, 273.810



90, 10.956, 274.113



71, 10.492, 298.083



37, 4.144, 273.720



26, 69.444, 297.113



3, 13.653, 279.586

Inverse Universe

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



72, 7.917, 355.752



90, 11.819, 355.985



76, 10.266, 116.660



37, 4.456, 355.682



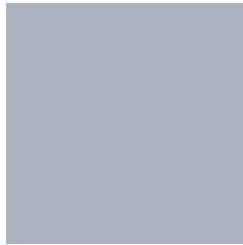
33, 60.690, 18.915



3, 12.907, 1.824

Previews

White Background



This preview shows how the CIELCh color 72, 7.358, 273.820 looks on a white background.

Color Contrast Check

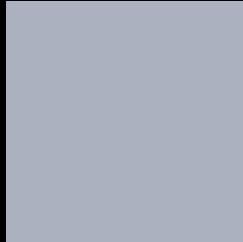
Large Text (above 18pt) WCAG AA × Fail

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, 7.358, 273.820 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

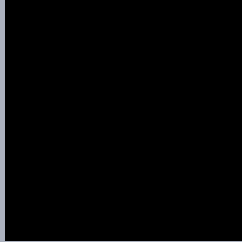
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

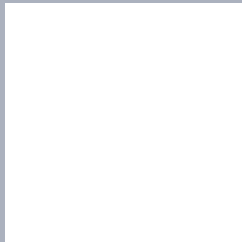
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 72, 7.358, 273.820

Background



This preview shows how black text looks on a background with the CIELCh color 72, 7.358, 273.820.



This preview shows how white text looks on a background with the CIELCh color 72, 7.358, 273.820.

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

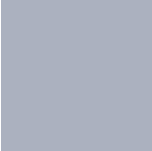
72, 7.358, 273.820

Protanopia

72, 7.647, 293.647

Deuteranopia

72, 12.438, 319.254



Tritanopia
72, 7.877, 275.067

Trichromacy



Original Color
72, 7.358, 273.820

Protanomaly
72, 7.106, 285.030

Deuteranomaly
72, 10.281, 307.540

Tritanomaly
72, 7.877, 275.067

Monochromacy



Original Color
72, 7.358, 273.820

Achromatopsia
72, 0.009, 296.813

Achromatomaly
72, 2.815, 275.280

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 7.358, 273.820 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(171, 177, 190)` looks like.

```
.text, #text, p{  
    color:rgb(171, 177, 190)  
}
```

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(171, 177, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 177, 190) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 7.358, 273.820 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(171, 177, 190) }
```

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

```
.border{ border-color:rgb(171, 177, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 177, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 177, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 177, 190);  
box-shadow:4px 4px 4px 4px rgb(171, 177,  
190) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 7.358, 273.820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 177, 190) }
```

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

```
.background{ background-color: rgb(171,  
177, 190) }
```

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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