

Converting Colors

CIELCh(72, 16.918, 238.981)

Have a look what the booklet for
CIELCh(72, 16.918, 238.981)
contains.

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Color

CIELCh(72, 16.874, 239.070)

Conversions

Conversions Part 1

Format	Color
Hex	8EB6CA
RGB	142, 182, 202
RGB Percent	56%, 71%, 79%
CMY	0.4418, 0.2849, 0.2065
CMYK	0.30, 0.10, 0.00, 0.21
HSL	200°, 36%, 68%
HSV	200°, 30%, 79%
XYZ	38.7147, 43.6590, 62.4816
YIQ	172.3200, -30.2600, -2.2600

Conversions

Conversions Part 2

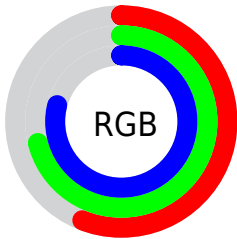
Format	Color
R_{YB}	142, 166, 202
Decimal	9352906
CIE _{Lab}	72.00, -8.67, -14.47
CIE _{LCh}	72, 16.874, 239.070
Yxy	43.6590, 0.2673, 0.3014
Android (android.graphics.Color)	4287542986 (0xFF8EB6CA)
YUV	172.3200, 14.6322, -26.5906
Hunter-Lab	66.0750, -11.0444, -9.8131

Details

The CIELCh color `72, 16.874, 239.070` is a light color, and the websafe version is hex `99CCCC`. A complement of this color would be `70, 19.897, 53.482`, and the grayscale version is `71, 0.009, 296.813`.

A 20% lighter version of the original color is `92, 15.796, 232.724`, and `52, 16.832, 239.705` is the 20% darker color. If you saturate the color by 10%, you get `69, 21.935, 240.780`, and if you desaturate by 10%, it is `75, 11.455, 237.701`.

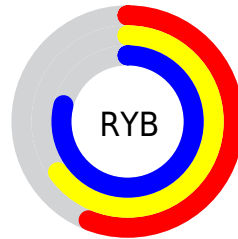
Distribution



Red (56%)

Green (71%)

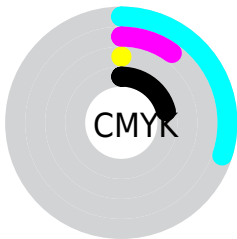
Blue (79%)



Red (56%)

Yellow (65%)

Blue (79%)

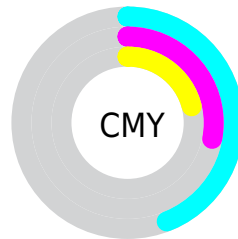


Cyan (30%)

Magenta (10%)

Yellow (0%)

Black (21%)



Cyan (44%)

Magenta (28%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 16.874, 239.070 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, 16.874, 239.070 by changing the saturation by 10% instead.

■ 72, 16.874,
239.070

■ 72, 16.874,
239.070

■ 100, 16.874,
239.070

■ 62, 16.874,
239.070

■ 92, 16.874,
239.070

■ 52, 16.874,
239.070

■ 42, 16.874,
239.070

■ 32, 16.874,
239.070

■ 22, 16.874,
239.070

■ 12, 16.874,
239.070

■ 2, 16.874, 239.070

0, 16.874, 239.070

72, 16.874,
239.070

72, 16.874,
239.070

69, 21.935,
240.780

75, 11.455,
237.701

66, 26.580,
242.919

78, 5.743, 236.640

63, 30.768,
245.570

82, 0.204, 53.253

85, 6.329, 54.877

61, 34.487,
248.815

88, 12.588, 54.339

58, 37.777,
252.715

91, 16.213, 60.472

93, 17.043, 74.598

56, 40.743,
257.266

94, 18.793, 86.678

■ 54, 43.590,
262.256

■ 96, 21.224, 96.275

■ 54, 43.692,
262.423

Harmonies

Complementary

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



72, 16.874, 239.070



70, 19.897, 53.482

Rectangle

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



72, 16.874, 239.070



72, 16.874, 289.070



72, 16.874, 59.070



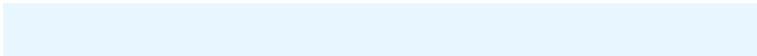
72, 16.874, 109.070

Sweetspot

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



72, 16.873, 239.066



96, 6.465, 236.593



77, 30.834, 153.224



51, 4.480, 236.727



0, 0.000, 0.000



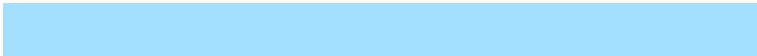
53, 0.007, 296.813

Same Dimension

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



72, 16.873, 239.066



86, 24.252, 240.195



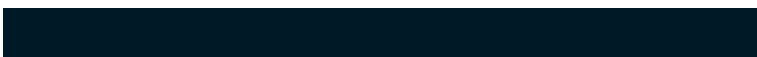
64, 28.002, 286.400



41, 3.398, 236.617



44, 37.353, 261.616



8, 12.414, 250.019

Inverse Universe

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



66, 31.254, 337.892



78, 45.660, 338.484



78, 26.844, 98.986



40, 5.965, 336.291



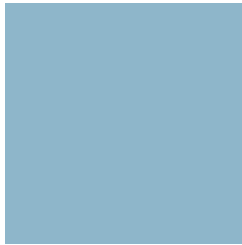
36, 65.620, 347.208



4, 22.152, 342.815

Previews

White Background



This preview shows how the CIELCh color 72, 16.874, 239.070 looks on a white background.

Color Contrast Check

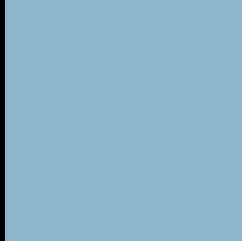
Large Text (above 18pt) WCAG AA × Fail

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, 16.874, 239.070 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

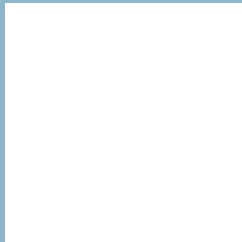
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 72, 16.874, 239.070

Background



This preview shows how black text looks on a background with the CIELCh color 72, 16.874, 239.070.

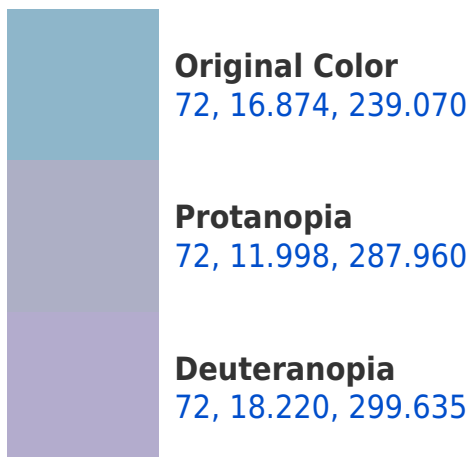


This preview shows how white text looks on a background with the CIELCh color 72, 16.874, 239.070.

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](#).

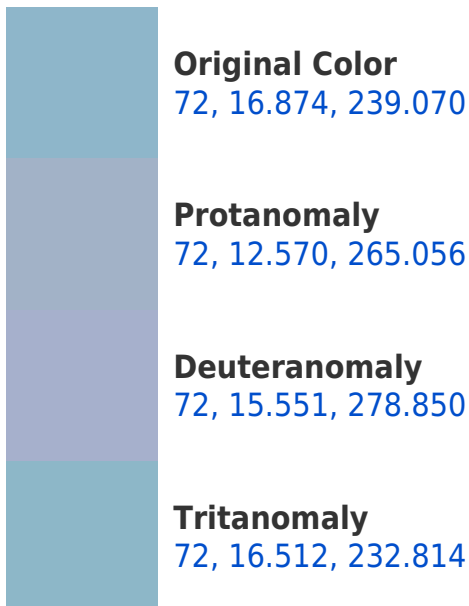
Dichromacy



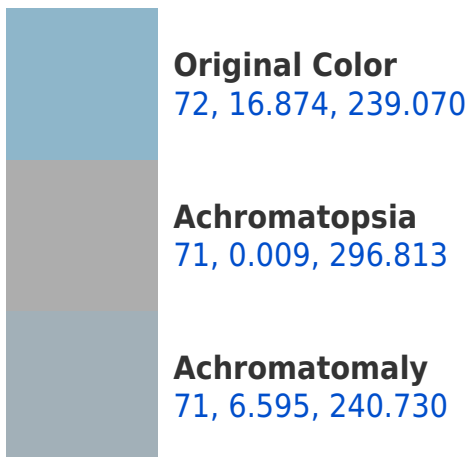


Tritanopia
72, 16.034, 229.287

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 16.874, 239.070 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(142, 182, 202)` looks like.

```
.text, #text, p{  
    color:rgb(142, 182, 202)  
}
```

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(142, 182, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 182, 202) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 16.874, 239.070 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(142, 182, 202) }
```

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

```
.border{ border-color:rgb(142, 182, 202) }
```

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

Here you see how a box with a 4 pixel rgb(142, 182, 202) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 182, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 182, 202);  
box-shadow:4px 4px 4px 4px rgb(142, 182,  
202) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 16.874, 239.070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 182, 202) }
```

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

```
.background{ background-color: rgb(142,  
182, 202) }
```

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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