

Converting Colors

CIELCh(71, 10.357, 274.616)

Have a look what the booklet for
CIELCh(71, 10.357, 274.616)
contains.

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Color

CIELCh(71, 10.170, 274.928)

Conversions

Conversions Part 1

Format	Color
Hex	A6AEC0
RGB	166, 174, 192
RGB Percent	65%, 68%, 75%
CMY	0.3490, 0.3176, 0.2470
CMYK	0.14, 0.09, 0.00, 0.25
HSL	222°, 17%, 70%
HSV	222°, 14%, 75%
XYZ	40.3789, 42.1875, 55.8866
YIQ	173.6600, -10.5460, 3.9020

Conversions

Conversions Part 2

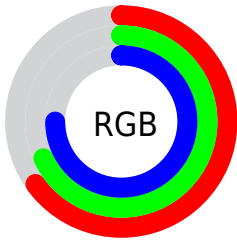
Format	Color
R_{YB}	166, 172, 192
Decimal	10923712
CIE Lab	71.00, 0.87, -10.13
CIE LCh	71, 10.170, 274.928
Yxy	42.1875, 0.2916, 0.3047
Android (android.graphics.Color)	4289113792 (0xFFA6AEC0)
YUV	173.6600, 9.0416, -6.7178
Hunter-Lab	64.9519, -2.6972, -5.5486

Details

The CIELCh color $71, 10.170, 274.928$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $75, 10.151, 91.436$, and the grayscale version is $71, 0.009, 296.813$.

A 20% lighter version of the original color is $91, 10.173, 275.419$, and $51, 10.269, 274.597$ is the 20% darker color. If you saturate the color by 10%, you get $66, 17.840, 276.491$, and if you desaturate by 10%, it is $76, 2.641, 273.627$.

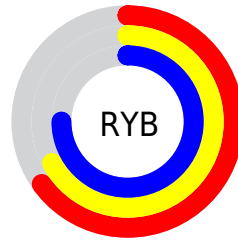
Distribution



Red (65%)

Green (68%)

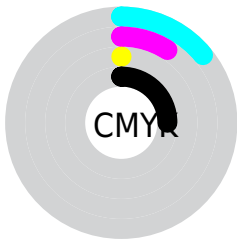
Blue (75%)



Red (65%)

Yellow (67%)

Blue (75%)

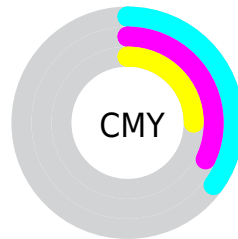


Cyan (14%)

Magenta (9%)

Yellow (0%)

Black (25%)



Cyan (35%)


Magenta (32%)


Yellow (25%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 10.170, 274.928 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 71, 10.170, 274.928 by changing the saturation by 10% instead.


 71, 10.170,
274.928


 71, 10.170,
274.928


 100, 10.170,
274.928


 61, 10.170,
274.928


 91, 10.170,
274.928


 51, 10.170,
274.928

 41, 10.170,
274.928

 31, 10.170,
274.928

 21, 10.170,
274.928

 11, 10.170,
274.928

 1, 10.170, 274.928

0, 10.170, 274.928

71, 10.170,
274.928

71, 10.170,
274.928

66, 17.840,
276.491

76, 2.641, 273.627

81, 4.748, 92.331

61, 25.664,
278.331

86, 12.000, 91.345

56, 33.656,
280.482

91, 19.115, 90.468

51, 41.840,
282.977

95, 25.340, 95.516

98, 31.124,
106.927

47, 50.248,
285.833

99, 31.714,
107.765

42, 58.904,
289.023

■ 38, 67.782,
292.454

■ 34, 76.735,
295.950

■ 32, 82.426,
298.057

Harmonies

Complementary

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



71, 10.170, 274.928



75, 10.151, 91.436

Rectangle

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



71, 10.170, 274.928



71, 10.170, 324.928



71, 10.170, 94.928



71, 10.170, 144.928

Sweetspot

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



71, 10.169, 274.921



96, 3.695, 273.682



76, 10.501, 173.604



51, 2.626, 273.768



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



71, 10.169, 274.921



88, 14.919, 275.323



69, 14.424, 298.370



38, 4.274, 274.341



26, 71.242, 297.589



3, 15.400, 280.992

Inverse Universe

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



71, 10.841, 356.693



88, 15.949, 356.994



77, 14.012, 116.411



38, 4.536, 356.245



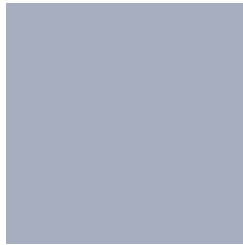
33, 61.644, 19.741



3, 14.645, 3.088

Previews

White Background



This preview shows how the CIELCh color 71, 10.170, 274.928 looks on a white background.

Color Contrast Check

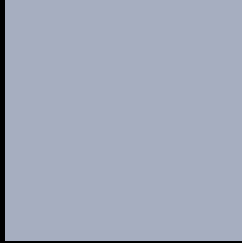
Large Text (above 18pt) WCAG AA × Fail

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 71, 10.170, 274.928 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

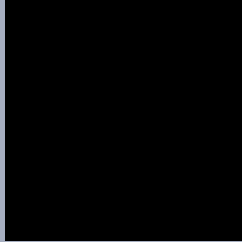
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

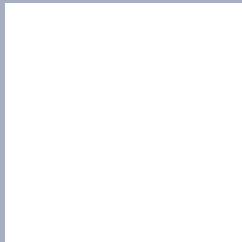
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 71, 10.170, 274.928

Background



This preview shows how black text looks on a background with the CIELCh color 71, 10.170, 274.928.

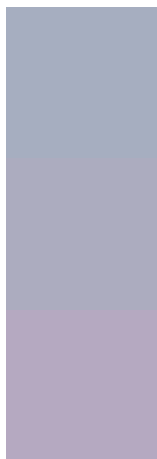


This preview shows how white text looks on a background with the CIELCh color 71, 10.170, 274.928.

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

71, 10.170, 274.928

Protanopia

71, 10.389, 291.204

Deuteranopia

71, 13.888, 309.620



Tritanopia
71, 7.877, 263.831

Trichromacy



Original Color
71, 10.170, 274.928

Protanomaly
71, 9.872, 284.906

Deuteranomaly
71, 12.195, 299.818

Tritanomaly
71, 8.362, 265.635

Monochromacy



Original Color
71, 10.170, 274.928

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 3.963, 274.428

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 10.170, 274.928 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(166, 174, 192)` looks like.

```
.text, #text, p{  
    color:rgb(166, 174, 192)  
}
```

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(166, 174, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 174, 192) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 10.170, 274.928 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(166, 174, 192) }
```

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

```
.border{ border-color:rgb(166, 174, 192) }
```

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

Here you see how a box with a 4 pixel rgb(166, 174, 192) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 174, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 174, 192);  
box-shadow:4px 4px 4px 4px rgb(166, 174,  
192) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 10.170, 274.928 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 174, 192) }
```

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

```
.background{ background-color: rgb(166,  
174, 192) }
```

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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