

Converting Colors

CIELCh(70, 9.351, 273.062)

Have a look what the booklet for
CIELCh(70, 9.351, 273.062) contains.

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Color

CIELCh(70, 9.680, 273.959)

Conversions

Conversions Part 1

Format	Color
Hex	A3ABBC
RGB	163, 171, 188
RGB Percent	64%, 67%, 74%
CMY	0.3593, 0.3279, 0.2612
CMYK	0.13, 0.09, 0.00, 0.26
HSL	221°, 16%, 69%
HSV	221°, 13%, 74%
XYZ	38.9410, 40.7494, 53.6151
YIQ	170.5460, -10.2250, 3.5910

Conversions

Conversions Part 2

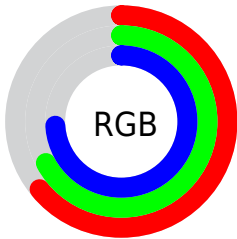
Format	Color
R _Y B	163, 169, 188
Decimal	10726332
CIE Lab	70.00, 0.67, -9.66
CIE LCh	70, 9.680, 273.959
Yxy	40.7494, 0.2921, 0.3057
Android (android.graphics.Color)	4288916412 (0xFFA3ABBC)
YUV	170.5460, 8.6048, -6.6178
Hunter-Lab	63.8353, -2.8227, -5.1128

Details

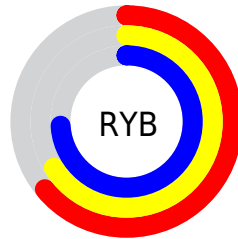
The CIELCh color $70, 9.680, 273.959$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $74, 9.678, 90.517$, and the grayscale version is $70, 0.009, 296.813$.

A 20% lighter version of the original color is $90, 9.700, 274.543$, and $50, 9.759, 273.525$ is the 20% darker color. If you saturate the color by 10%, you get $65, 17.113, 275.523$, and if you desaturate by 10%, it is $75, 2.373, 272.665$.

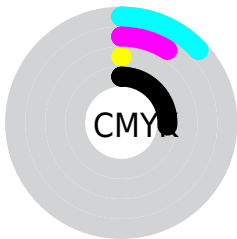
Distribution



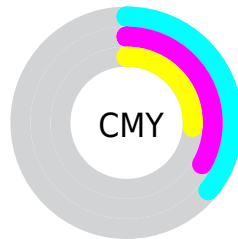
- Red (64%)
- Green (67%)
- Blue (74%)



- Red (64%)
- Yellow (66%)
- Blue (74%)



- Cyan (13%)
- Magenta (9%)
- Yellow (0%)
- Black (26%)



- Cyan (36%)
- Magenta (33%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 9.680, 273.959 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 70, 9.680, 273.959 by changing the saturation by 10% instead.

■ 70, 9.680, 273.959

■ 70, 9.680, 273.959

■ 100, 9.680,
273.959

■ 60, 9.680, 273.959

■ 90, 9.680, 273.959

■ 50, 9.680, 273.959

■ 40, 9.680, 273.959

■ 30, 9.680, 273.959

■ 20, 9.680, 273.959

■ 10, 9.680, 273.959

■ 0, 9.680, 273.959

■ 70, 9.680, 273.959

■ 70, 9.680, 273.959

■ 65, 17.113,

■ 75, 2.373, 272.665

275.523

80, 4.807, 91.355

60, 24.682,
277.366

84, 11.862, 90.368

56, 32.398,
279.520

89, 18.792, 89.489

51, 40.286,
282.021

94, 25.265, 90.866

97, 30.402,
102.942

46, 48.376,
284.888

99, 33.503,
107.627

42, 56.697,
288.099

38, 65.240,
291.568

34, 73.892,
295.126

32, 79.659,
297.373

Harmonies

Complementary

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



70, 9.680, 273.959



74, 9.678, 90.517

Rectangle

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



70, 9.680, 273.959



70, 9.680, 323.959



70, 9.680, 93.959



70, 9.680, 143.959

Sweetspot

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



70, 9.679, 273.952



94, 3.586, 272.747



74, 10.246, 172.511



50, 2.548, 272.832



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



70, 9.679, 273.952



87, 14.467, 274.394



68, 13.897, 297.733



37, 4.125, 273.405



26, 69.004, 296.893



3, 13.608, 279.403

Inverse Universe

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



69, 10.523, 355.820



86, 15.777, 356.148



75, 13.504, 115.758



37, 4.465, 355.402



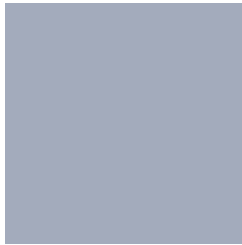
33, 60.590, 18.537



3, 12.923, 1.611

Previews

White Background



This preview shows how the CIELCh color 70, 9.680, 273.959 looks on a white background.

Color Contrast Check

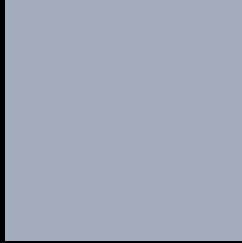
Large Text (above 18pt) WCAG AA × Fail

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 70, 9.680, 273.959 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

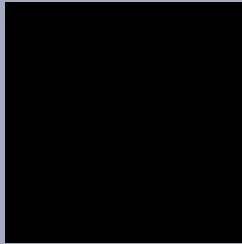
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

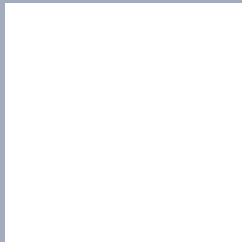
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 70, 9.680, 273.959

Background



This preview shows how black text looks on a background with the CIELCh color 70, 9.680, 273.959.



This preview shows how white text looks on a background with the CIELCh color 70, 9.680, 273.959.

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

70, 9.680, 273.959

Protanopia

70, 9.317, 288.891

Deuteranopia

70, 13.539, 311.823



Tritanopia
70, 8.251, 267.909

Trichromacy



Original Color
70, 9.680, 273.959

Protanomaly
70, 9.391, 282.315

Deuteranomaly
70, 11.693, 300.194

Tritanomaly
70, 8.753, 269.411

Monochromacy



Original Color
70, 9.680, 273.959

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 3.454, 271.821

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 9.680, 273.959 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(163, 171, 188)` looks like.

```
.text, #text, p{  
    color:rgb(163, 171, 188)  
}
```

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(163, 171, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 171, 188) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 9.680, 273.959 is called "border". The border property can be set on classes, ids or directly on the HTML element.

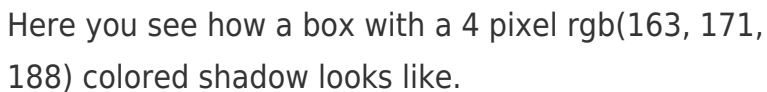
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(163, 171, 188) }
```

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

```
.border{ border-color:rgb(163, 171, 188) }
```

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



Here you see how a box with a 4 pixel `rgb(163, 171, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(163, 171, 188); -webkit-box-shadow:4px 4px 4px 4px rgb(163, 171, 188); box-shadow:4px 4px 4px 4px rgb(163, 171, 188) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 9.680, 273.959 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 171, 188) }
```

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

```
.background{ background-color: rgb(163,  
171, 188) }
```

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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