

Converting Colors

CIE LCh(70, 6.706, 278.323)

Have a look what the booklet for
CIELCh(70, 6.706, 278.323) contains.

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Color

CIELCh(70, 6.706, 278.323)

Conversions

Conversions Part 1

Format	Color
Hex	A7ABB7
RGB	167, 171, 183
RGB Percent	65%, 67%, 72%
CMY	0.3452, 0.3295, 0.2824
CMYK	0.09, 0.07, 0.00, 0.28
HSL	225°, 10%, 69%
HSV	225°, 9%, 72%
XYZ	39.0362, 40.7494, 50.5963
YIQ	171.1720, -6.2360, 2.8840

Conversions

Conversions Part 2

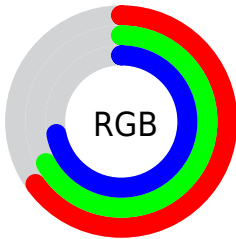
Format	Color
R_{YB}	167, 170, 183
Decimal	10988471
CIE _{Lab}	70.00, 0.97, -6.64
CIE _{LCh}	70, 6.706, 278.323
Yxy	40.7494, 0.2994, 0.3125
Android (android.graphics.Color)	4289178551 (0xFFA7ABB7)
YUV	171.1720, 5.8312, -3.6588
Hunter-Lab	63.8353, -2.5565, -2.3090

Details

The CIELCh color $70, 6.706, 278.323$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $73, 6.655, 96.178$, and the grayscale version is $70, 0.009, 296.813$.

A 20% lighter version of the original color is $90, 6.879, 279.092$, and $50, 6.587, 277.527$ is the 20% darker color. If you saturate the color by 10%, you get $65, 14.541, 279.705$, and if you desaturate by 10%, it is $75, 0.942, 96.891$.

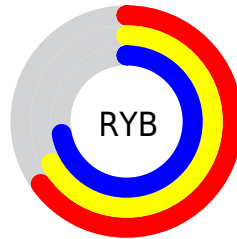
Distribution



Red (65%)

Green (67%)

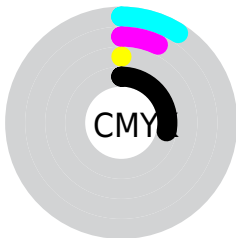
Blue (72%)



Red (65%)

Yellow (67%)

Blue (72%)

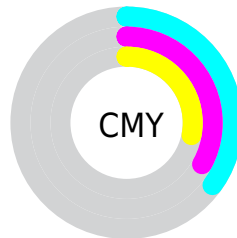


Cyan (9%)

Magenta (7%)

Yellow (0%)

Black (28%)



Cyan (35%)

Magenta (33%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 6.706, 278.323 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, 6.706, 278.323 by changing the saturation by 10% instead.

■ 70, 6.706, 278.323

■ 70, 6.706, 278.323

■ 100, 6.706,
278.323

■ 60, 6.706, 278.323

■ 90, 6.706, 278.323

■ 50, 6.706, 278.323

■ 40, 6.706, 278.323

■ 30, 6.706, 278.323

■ 20, 6.706, 278.323

■ 10, 6.706, 278.323

■ 0, 6.706, 278.323

■ 70, 6.706, 278.323

■ 70, 6.706, 278.323

■ 65, 14.541,

■ 75, 0.942, 96.891

279.705

80, 8.408, 96.010

60, 22.580,
281.342

85, 15.701, 95.110

55, 30.841,
283.254

90, 22.827, 94.319

50, 39.347,
285.477

95, 29.472, 96.177

98, 35.389,
106.411

45, 48.126,
288.030

99, 36.179,
107.420

40, 57.190,
290.902

36, 66.493,
294.019

32, 75.841,
297.227

28, 84.813,
300.245

Harmonies

Complementary

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



70, 6.706, 278.323



73, 6.655, 96.178

Rectangle

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



70, 6.706, 278.323



70, 6.706, 328.323



70, 6.706, 98.323



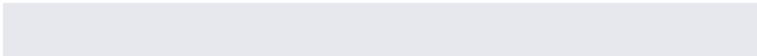
70, 6.706, 148.323

Sweetspot

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



70, 6.705, 278.312



92, 2.827, 277.650



73, 6.356, 177.590



49, 2.161, 277.732



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



70, 6.705, 278.312



88, 9.482, 278.496



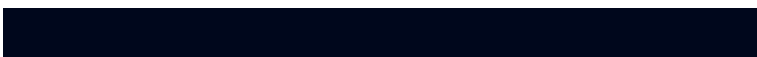
69, 8.919, 299.847



36, 4.359, 278.389



23, 75.262, 300.191



2, 12.641, 281.526

Inverse Universe

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



70, 6.488, 0.255



87, 9.191, 0.408



74, 8.755, 118.726



36, 4.221, 0.320



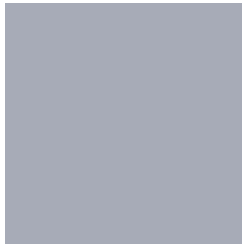
32, 61.906, 24.630



2, 11.045, 4.560

Previews

White Background



This preview shows how the CIELCh color 70, 6.706, 278.323 looks on a white background.

Color Contrast Check

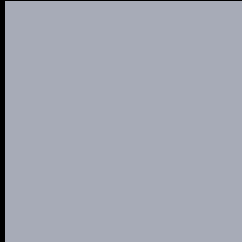
Large Text (above 18pt) WCAG AA × Fail

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, 6.706, 278.323 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

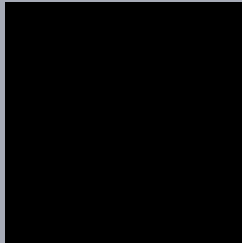
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

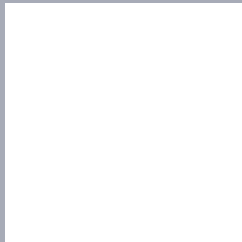
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 70, 6.706, 278.323

Background



This preview shows how black text looks on a background with the CIELCh color 70, 6.706, 278.323.

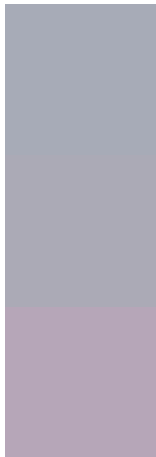


This preview shows how white text looks on a background with the CIELCh color 70, 6.706, 278.323.

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

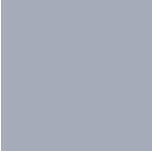
70, 6.706, 278.323

Protanopia

70, 6.594, 294.024

Deuteranopia

70, 11.558, 321.846



Tritanopia
70, 7.240, 279.343

Trichromacy



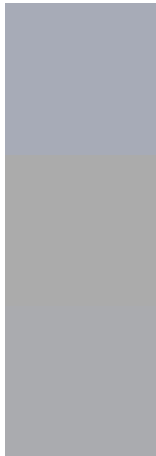
Original Color
70, 6.706, 278.323

Protanomaly
70, 6.579, 290.842

Deuteranomaly
70, 9.418, 311.574

Tritanomaly
70, 7.240, 279.343

Monochromacy



Original Color
70, 6.706, 278.323

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 2.222, 280.786

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 6.706, 278.323 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(167, 171, 183)` looks like.

```
.text, #text, p{  
    color:rgb(167, 171, 183)  
}
```

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(167, 171, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 171, 183) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 6.706, 278.323 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(167, 171, 183) }
```

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

```
.border{ border-color:rgb(167, 171, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 171, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 171, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 171, 183);  
box-shadow:4px 4px 4px 4px rgb(167, 171,  
183) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 6.706, 278.323 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 171, 183) }
```

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

```
.background{ background-color: rgb(167,  
171, 183) }
```

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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