

Converting Colors

CIELCh(70, 6.947, 291.156)

Have a look what the booklet for
CIELCh(70, 6.947, 291.156) contains.

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Color

CIELCh(70, 7.126, 290.895)

Conversions

Conversions Part 1

Format	Color
Hex	AAAAB7
RGB	170, 170, 183
RGB Percent	67%, 67%, 72%
CMY	0.3331, 0.3331, 0.2821
CMYK	0.07, 0.07, 0.00, 0.28
HSL	240°, 8%, 69%
HSV	240°, 7%, 72%
XYZ	39.5332, 40.7494, 50.6179
YIQ	171.4820, -4.1730, 4.0430

Conversions

Conversions Part 2

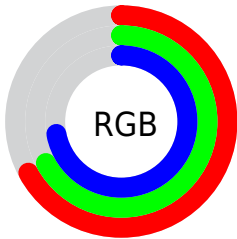
Format	Color
RYB	170, 170, 183
Decimal	11184823
CIELab	70.00, 2.54, -6.66
CIElCh	70, 7.126, 290.895
Yxy	40.7494, 0.3020, 0.3113
Android (android.graphics.Color)	4289374903 (0xFFAAAAB7)
YUV	171.4820, 5.6784, -1.2997
Hunter-Lab	63.8353, -1.1666, -2.3290

Details

The CIELCh color **70, 7.126, 290.895** is a light color, and the websafe version is hex **999999**. A complement of this color would be **74, 7.002, 109.488**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **90, 7.285, 290.777**, and **50, 7.028, 291.094** is the 20% darker color. If you saturate the color by 10%, you get **64, 17.494, 292.032**, and if you desaturate by 10%, it is **76, 2.839, 109.882**.

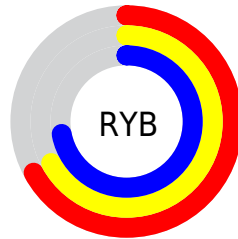
Distribution



Red (67%)

Green (67%)

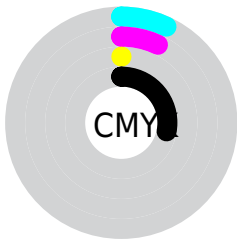
Blue (72%)



Red (67%)

Yellow (67%)

Blue (72%)

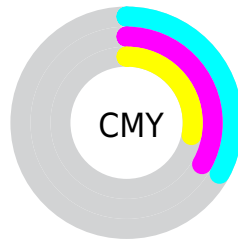


Cyan (7%)

Magenta (7%)

Yellow (0%)

Black (28%)



Cyan (33%)

Magenta (33%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 7.126, 290.895 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, 7.126, 290.895 by changing the saturation by 10% instead.

■ 70, 7.126, 290.895

■ 70, 7.126, 290.895

■ 100, 7.126,
290.895

■ 60, 7.126, 290.895

■ 90, 7.126, 290.895

■ 50, 7.126, 290.895

■ 40, 7.126, 290.895

■ 30, 7.126, 290.895

■ 20, 7.126, 290.895

■ 10, 7.126, 290.895

■ 0, 7.126, 290.895

■ 70, 7.126, 290.895

■ 70, 7.126, 290.895

■ 64, 17.494,

■ 76, 2.839, 109.882

292.032

82, 12.428,
109.069

57, 28.303,
293.384

89, 21.669,
108.363

51, 39.578,
294.969

95, 30.587,
107.757

45, 51.319,
296.799

99, 36.136,
107.424

39, 63.446,
298.855

33, 75.664,
301.046

28, 87.242,
303.174

24, 96.806,
304.929

22, 102.850,
306.022

Harmonies

Complementary

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



70, 7.126, 290.895



74, 7.002, 109.488

Rectangle

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



70, 7.126, 290.895



70, 7.126, 340.895



70, 7.126, 110.895



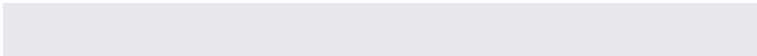
70, 7.126, 160.895

Sweetspot

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



70, 7.124, 290.887



92, 2.460, 290.394



73, 4.755, 197.709



49, 1.410, 290.386



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, 7.124, 290.887



87, 11.186, 291.106



71, 7.516, 308.786



35, 5.721, 291.126



17, 92.494, 306.284



1, 15.383, 290.291

Inverse Universe

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



71, 4.963, 19.721



88, 7.825, 19.884



74, 7.430, 128.186



36, 4.004, 19.899



32, 71.863, 39.591



2, 10.638, 19.393

Previews

White Background



This preview shows how the CIELCh color 70, 7.126, 290.895 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, 7.126, 290.895 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

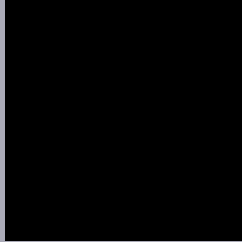
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

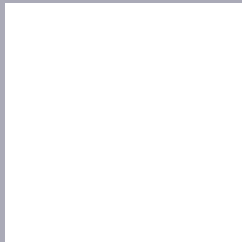
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 70, 7.126, 290.895

Background



This preview shows how black text looks on a background with the CIELCh color 70, 7.126, 290.895.

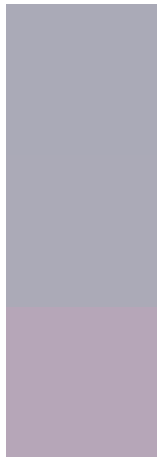


This preview shows how white text looks on a background with the CIELCh color 70, 7.126, 290.895.

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, 7.126, 290.895

Protanopia

70, 7.141, 293.826

Deuteranopia

70, 11.558, 321.846



Tritanopia
70, 7.126, 290.895

Trichromacy



Original Color
70, 7.126, 290.895

Protanomaly
70, 7.141, 293.826

Deuteranomaly
70, 10.214, 314.398

Tritanomaly
70, 7.126, 290.895

Monochromacy



Original Color
70, 7.126, 290.895

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 2.743, 290.472

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 7.126, 290.895 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(170, 170, 183)` looks like.

```
.text, #text, p{  
    color:rgb(170, 170, 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(170, 170, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 170, 183) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 7.126, 290.895 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(170, 170, 183) }
```

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

```
.border{ border-color:rgb(170, 170, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 170, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 170, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 170, 183);  
box-shadow:4px 4px 4px 4px rgb(170, 170,  
183) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 7.126, 290.895 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 170, 183) }
```

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

```
.background{ background-color: rgb(170,  
170, 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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