

Converting Colors

CIELCh(70, 8.425, 281.634)

Have a look what the booklet for
CIELCh(70, 8.425, 281.634) contains.

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Color

CIELCh(70, 8.314, 281.008)

Conversions

Conversions Part 1

Format	Color
Hex	A7ABBA
RGB	167, 171, 186
RGB Percent	65%, 67%, 73%
CMY	0.3461, 0.3304, 0.2716
CMYK	0.10, 0.08, 0.00, 0.27
HSL	227°, 12%, 69%
HSV	227°, 10%, 73%
XYZ	39.2308, 40.7494, 52.1060
YIQ	171.5140, -7.1990, 3.8170

Conversions

Conversions Part 2

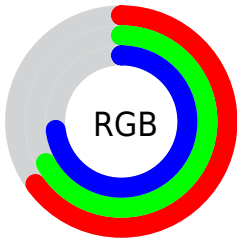
Format	Color
R _Y B	167, 170, 186
Decimal	10988474
CIE Lab	70.00, 1.59, -8.16
CIE LCh	70, 8.314, 281.008
Yxy	40.7494, 0.2970, 0.3085
Android (android.graphics.Color)	4289178554 (0xFFA7ABBA)
YUV	171.5140, 7.1416, -3.9588
Hunter-Lab	63.8353, -2.0121, -3.7112

Details

The CIELCh color `70, 8.314, 281.008` is a light color, and the websafe version is hex `999999`. A complement of this color would be `74, 8.220, 98.578`, and the grayscale version is `70, 0.009, 296.813`.

A 20% lighter version of the original color is `90, 8.409, 281.410`, and `50, 8.298, 280.682` is the 20% darker color. If you saturate the color by 10%, you get `65, 16.666, 282.392`, and if you desaturate by 10%, it is `75, 0.191, 280.589`.

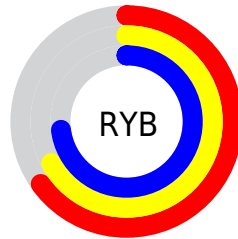
Distribution



Red (65%)

Green (67%)

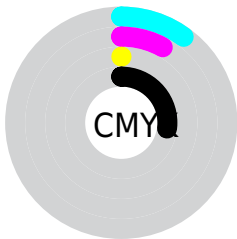
Blue (73%)



Red (65%)

Yellow (67%)

Blue (73%)

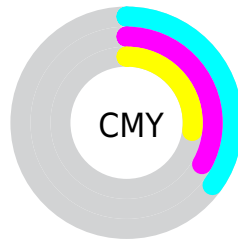


Cyan (10%)

Magenta (8%)

Yellow (0%)

Black (27%)



Cyan (35%)

Magenta (33%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 8.314, 281.008 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, 8.314, 281.008 by changing the saturation by 10% instead.

■ 70, 8.314, 281.008

■ 70, 8.314, 281.008

■ 100, 8.314,
281.008

■ 60, 8.314, 281.008

■ 90, 8.314, 281.008

■ 50, 8.314, 281.008

■ 40, 8.314, 281.008

■ 30, 8.314, 281.008

■ 20, 8.314, 281.008

■ 10, 8.314, 281.008

■ 0, 8.314, 281.008

■ 70, 8.314, 281.008

■ 70, 8.314, 281.008

■ 65, 16.666,

■ 75, 0.191, 280.589

282.392

81, 7.714, 98.722

59, 25.270,
284.025

86, 15.412, 97.832

54, 34.147,
285.932

91, 22.914, 97.051

49, 43.325,
288.143

96, 29.911, 99.731

99, 34.818,
107.525

44, 52.825,
290.671

39, 62.629,
293.485

34, 72.609,
296.485

30, 82.408,
299.483

27, 91.186,
302.092

Harmonies

Complementary

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



70, 8.314, 281.008



74, 8.220, 98.578

Rectangle

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



70, 8.314, 281.008



70, 8.314, 331.008



70, 8.314, 101.008



70, 8.314, 151.008

Sweetspot

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



70, 8.313, 281.000



94, 3.003, 280.163



74, 7.322, 181.139



50, 2.296, 280.245



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, 8.313, 281.000



88, 12.134, 281.257



69, 10.650, 301.793



36, 4.556, 280.886



22, 79.016, 301.719



2, 13.052, 283.152

Inverse Universe

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



70, 7.589, 3.337



88, 11.105, 3.550



75, 10.436, 120.585



36, 4.155, 3.241



32, 63.380, 27.834



2, 10.933, 6.816

Previews

White Background



This preview shows how the CIELCh color 70, 8.314, 281.008 looks on a white background.

Color Contrast Check

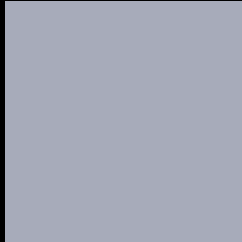
Large Text (above 18pt) WCAG AA × Fail

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 70, 8.314, 281.008 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

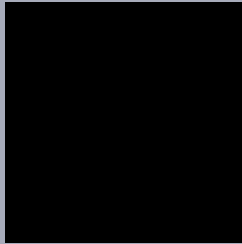
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

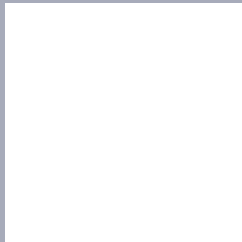
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 70, 8.314, 281.008

Background



This preview shows how black text looks on a background with the CIELCh color 70, 8.314, 281.008.

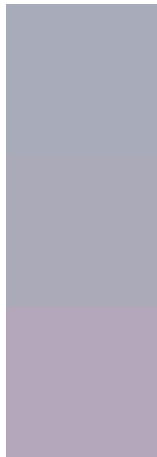


This preview shows how white text looks on a background with the CIELCh color 70, 8.314, 281.008.

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

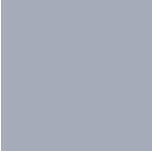
70, 8.314, 281.008

Protanopia

70, 8.221, 291.002

Deuteranopia

70, 12.668, 315.120



Tritanopia
70, 7.240, 279.343

Trichromacy



Original Color
70, 8.314, 281.008

Protanomaly
70, 8.224, 288.477

Deuteranomaly
70, 10.767, 304.876

Tritanomaly
70, 7.776, 280.229

Monochromacy



Original Color
70, 8.314, 281.008

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 2.830, 275.291

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 8.314, 281.008 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, 186)` looks like.

```
.text, #text, p{  
    color:rgb(167, 171, 186)  
}
```

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, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 171, 186) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 8.314, 281.008 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, 186) }
```

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

```
.border{ border-color:rgb(167, 171, 186) }
```

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, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 171, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 171, 186);  
box-shadow:4px 4px 4px 4px rgb(167, 171,  
186) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 8.314, 281.008 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, 186) }
```

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

```
.background{ background-color: rgb(167,  
171, 186) }
```

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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