

Converting Colors

CIELCh(70, 14.027, 317.788)

Have a look what the booklet for
CIELCh(70, 14.027, 317.788)
contains.

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Color

CIELCh(70, 13.635, 318.478)

Conversions

Conversions Part 1

Format	Color
Hex	B7A6BC
RGB	183, 166, 188
RGB Percent	72%, 65%, 74%
CMY	0.2840, 0.3506, 0.2644
CMYK	0.03, 0.12, 0.00, 0.26
HSL	286°, 14%, 69%
HSV	286°, 12%, 74%
XYZ	42.0199, 40.7494, 52.9880
YIQ	173.5910, 3.0700, 10.4460

Conversions

Conversions Part 2

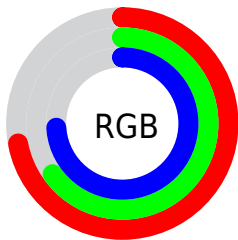
Format	Color
R _Y B	183, 166, 188
Decimal	12035772
CIE Lab	70.00, 10.21, -9.04
CIE LCh	70, 13.635, 318.478
Yxy	40.7494, 0.3095, 0.3002
Android (android.graphics.Color)	4290225852 (0xFFB7A6BC)
YUV	173.5910, 7.1036, 8.2517
Hunter-Lab	63.8353, 5.7869, -4.5304

Details

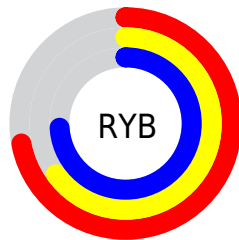
The CIELCh color $70, 13.635, 318.478$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $74, 13.537, 137.470$, and the grayscale version is $71, 0.009, 296.813$.

A 20% lighter version of the original color is $90, 13.585, 318.685$, and $50, 13.833, 318.298$ is the 20% darker color. If you saturate the color by 10%, you get $65, 25.457, 318.922$, and if you desaturate by 10%, it is $75, 1.989, 317.965$.

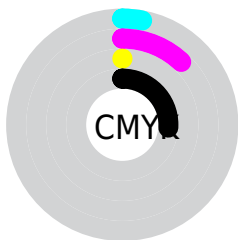
Distribution



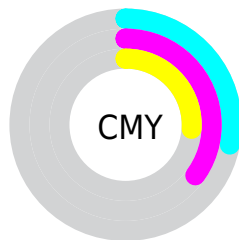
- Red (72%)
- Green (65%)
- Blue (74%)



- Red (72%)
- Yellow (65%)
- Blue (74%)



- Cyan (3%)
- Magenta (12%)
- Yellow (0%)
- Black (26%)





- Cyan (28%)
- Magenta (35%)
- Yellow (26%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 13.635, 318.478 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, 13.635, 318.478 by changing the saturation by 10% instead.


 70, 13.635,
318.478


 70, 13.635,
318.478


 100, 13.635,
318.478


 60, 13.635,
318.478


 90, 13.635,
318.478

 50, 13.635,
318.478

 40, 13.635,
318.478

 30, 13.635,
318.478

 20, 13.635,
318.478

 10, 13.635,
318.478

 0, 13.635, 318.478

70, 13.635,
318.478

70, 13.635,
318.478

65, 25.457,
318.922

75, 1.989, 317.965

60, 37.332,
319.358

80, 9.397, 137.670

55, 49.056,
319.766

86, 20.487,
137.271

51, 60.327,
320.119

91, 31.261,
136.907

47, 70.728,
320.380

95, 39.126,
136.218

43, 79.739,
320.503

95, 38.383,
134.313

40, 86.808,
320.439

96, 37.681,
132.310

38, 91.503,

96, 37.023,
130.209

320.142

96, 36.416,
128.009

37, 93.889,
319.749

Harmonies

Complementary

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



70, 13.635, 318.478



74, 13.537, 137.470

Rectangle

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



70, 13.635, 318.478



70, 13.635, 8.478



70, 13.635, 138.478



70, 13.635, 188.478

Sweetspot

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



70, 13.633, 318.477



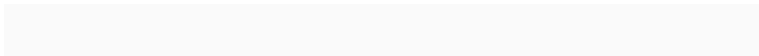
94, 5.737, 318.120



70, 9.380, 279.793



50, 4.078, 318.159



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, 13.633, 318.477



87, 20.257, 318.589



70, 12.095, 333.718



37, 6.609, 318.371



31, 82.698, 319.849



3, 19.381, 315.572

Inverse Universe

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



70, 8.856, 2.256



87, 13.210, 2.532



74, 12.038, 152.191



37, 4.278, 2.001



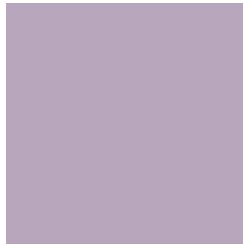
33, 63.528, 26.595



3, 12.605, 6.547

Previews

White Background



This preview shows how the CIELCh color 70, 13.635, 318.478 looks on a white background.

Color Contrast Check

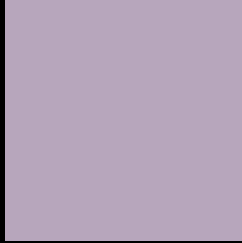
Large Text (above 18pt) WCAG AA × Fail

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, 13.635, 318.478 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

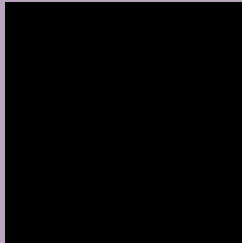
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 13.635, 318.478

Background



This preview shows how black text looks on a background with the CIELCh color 70, 13.635, 318.478.



This preview shows how white text looks on a background with the CIELCh color 70, 13.635, 318.478.

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, 13.635, 318.478

Protanopia

70, 10.958, 289.397

Deuteranopia

70, 12.668, 315.120



Tritanopia
70, 8.873, 326.827

Trichromacy



Original Color
70, 13.635, 318.478

Protanomaly
70, 11.757, 301.939

Deuteranomaly
70, 12.822, 316.639

Tritanomaly
70, 11.096, 323.305

Monochromacy



Original Color
70, 13.635, 318.478

Achromatopsia
71, 0.009, 296.813

Achromatomaly
70, 4.946, 317.446

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 13.635, 318.478 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(183, 166, 188)` looks like.

```
.text, #text, p{  
    color:rgb(183, 166, 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(183, 166, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 166, 188) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 13.635, 318.478 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(183, 166, 188) }
```

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

```
.border{ border-color:rgb(183, 166, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 166, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 166, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 166, 188);  
box-shadow:4px 4px 4px 4px rgb(183, 166,  
188) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 13.635, 318.478 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 166, 188) }
```

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

```
.background{ background-color: rgb(183,  
166, 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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