

Converting Colors

CIELCh(70, 16.477, 317.881)

Have a look what the booklet for
CIELCh(70, 16.477, 317.881)
contains.

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Color

CIELCh(70, 16.742, 318.743)

Conversions

Conversions Part 1

Format	Color
Hex	B9A4BF
RGB	185, 164, 191
RGB Percent	73%, 64%, 75%
CMY	0.2736, 0.3559, 0.2500
CMYK	0.03, 0.14, 0.00, 0.25
HSL	287°, 17%, 70%
HSV	287°, 14%, 75%
XYZ	42.8116, 40.7494, 55.0364
YIQ	173.3570, 3.8490, 12.8490

Conversions

Conversions Part 2

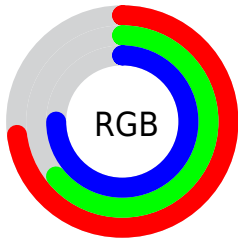
Format	Color
RYB	185, 164, 191
Decimal	12166335
CIELab	70.00, 12.59, -11.04
CIELCh	70, 16.742, 318.743
Yxy	40.7494, 0.3089, 0.2940
Android (android.graphics.Color)	4290356415 (0xFFB9A4BF)
YUV	173.3570, 8.6980, 10.2109
Hunter-Lab	63.8353, 8.0008, -6.4329

Details

The CIELCh color $70, 16.742, 318.743$ is a light color, and the websafe version is hex `9999CC`. A complement of this color would be $75, 16.608, 137.500$, and the grayscale version is $71, 0.009, 296.813$.

A 20% lighter version of the original color is $90, 16.542, 318.868$, and $50, 17.134, 318.668$ is the 20% darker color. If you saturate the color by 10%, you get $65, 28.791, 319.188$, and if you desaturate by 10%, it is $75, 4.843, 318.279$.

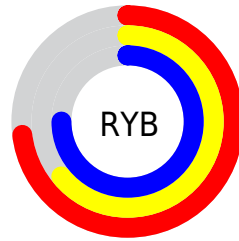
Distribution



Red (73%)

Green (64%)

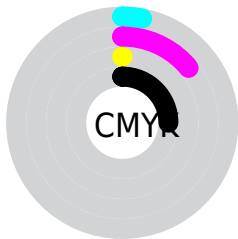
Blue (75%)



Red (73%)

Yellow (64%)

Blue (75%)

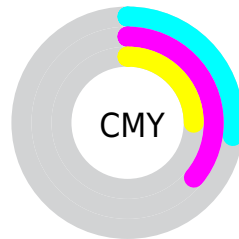


Cyan (3%)

Magenta (14%)

Yellow (0%)

Black (25%)



Cyan (27%)


Magenta (36%)


Yellow (25%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 16.742, 318.743 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, 16.742, 318.743 by changing the saturation by 10% instead.


 70, 16.742,
318.743


 70, 16.742,
318.743


 100, 16.742,
318.743


 60, 16.742,
318.743


 90, 16.742,
318.743

 50, 16.742,
318.743

 40, 16.742,
318.743

 30, 16.742,
318.743

 20, 16.742,
318.743

 10, 16.742,
318.743

 0, 16.742, 318.743

70, 16.742,
318.743

70, 16.742,
318.743

65, 28.791,
319.188

75, 4.843, 318.279

60, 40.849,
319.619

81, 6.809, 137.929

55, 52.680,
320.018

86, 18.167,
137.515

51, 63.948,
320.352

91, 29.206,
137.140

47, 74.200,
320.585

95, 37.037,
136.387

43, 82.888,
320.668

96, 36.298,
134.376

41, 89.466,
320.552

96, 35.601,
132.258

39, 93.568,

96, 34.953,
130.032

320.198

96, 34.358,
127.700

38, 95.179,
319.914

Harmonies

Complementary

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



70, 16.742, 318.743



75, 16.608, 137.500

Rectangle

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



70, 16.742, 318.743



70, 16.742, 8.743



70, 16.742, 138.743



70, 16.742, 188.743

Sweetspot

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



70, 16.740, 318.742



95, 5.794, 318.276



70, 11.512, 280.122



51, 4.153, 318.315



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



70, 16.740, 318.742



86, 24.899, 318.883



70, 14.823, 333.888



37, 6.618, 318.527



31, 82.633, 320.023



3, 19.417, 315.789

Inverse Universe

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



70, 10.880, 2.902



86, 16.265, 3.260



75, 14.746, 152.003



37, 4.269, 2.381



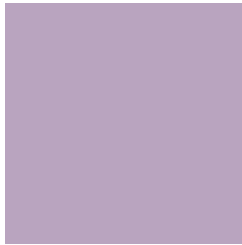
33, 63.726, 27.006



3, 12.591, 6.826

Previews

White Background



This preview shows how the CIELCh color 70, 16.742, 318.743 looks on a white background.

Color Contrast Check

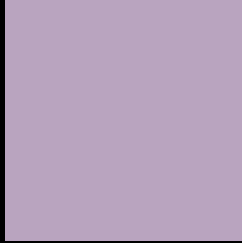
Large Text (above 18pt) WCAG AA × Fail

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, 16.742, 318.743 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

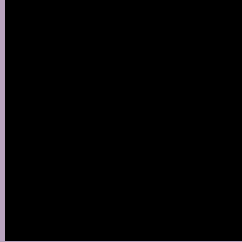
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 16.742, 318.743

Background



This preview shows how black text looks on a background with the CIELCh color 70, 16.742, 318.743.



This preview shows how white text looks on a background with the CIELCh color 70, 16.742, 318.743.

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, 16.742, 318.743

Protanopia

70, 13.716, 287.116

Deuteranopia

70, 13.918, 309.626



Tritanopia
70, 9.591, 332.351

Trichromacy



Original Color
70, 16.742, 318.743

Protanomaly
70, 14.456, 300.096

Deuteranomaly
70, 14.818, 313.024

Tritanomaly
70, 12.180, 326.436

Monochromacy



Original Color
70, 16.742, 318.743

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 6.262, 319.022

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 16.742, 318.743 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(185, 164, 191)` looks like.

```
.text, #text, p{  
    color:rgb(185, 164, 191)  
}
```

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(185, 164, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 164, 191) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 16.742, 318.743 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(185, 164, 191) }
```

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

```
.border{ border-color:rgb(185, 164, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 164, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 164, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 164, 191);  
box-shadow:4px 4px 4px 4px rgb(185, 164,  
191) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 16.742, 318.743 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 164, 191) }
```

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

```
.background{ background-color: rgb(185,  
164, 191) }
```

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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