

Converting Colors

CIELCh(70, 19.388, 318.585)

Have a look what the booklet for
CIELCh(70, 19.388, 318.585)
contains.

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Color

CIELCh(70, 19.177, 318.716)

Conversions

Conversions Part 1

Format	Color
Hex	BBA3C2
RGB	187, 163, 194
RGB Percent	73%, 64%, 76%
CMY	0.2659, 0.3601, 0.2385
CMYK	0.04, 0.16, 0.00, 0.24
HSL	286°, 20%, 70%
HSV	286°, 16%, 76%
XYZ	43.4260, 40.7494, 56.7245
YIQ	173.7100, 4.3530, 14.7290

Conversions

Conversions Part 2

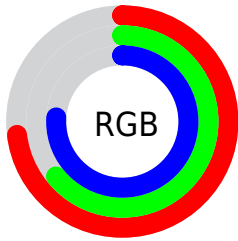
Format	Color
R_{YB}	187, 163, 194
Decimal	12297154
CIE _{Lab}	70.00, 14.41, -12.65
CIE _{LCh}	70, 19.177, 318.716
Yxy	40.7494, 0.3082, 0.2892
Android (android.graphics.Color)	4290487234 (0xFFBBA3C2)
YUV	173.7100, 10.0030, 11.6553
Hunter-Lab	63.8353, 9.7186, -8.0008

Details

The CIELCh color **70, 19.177, 318.716** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **76, 19.005, 137.297**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **90, 19.321, 318.086**, and **50, 19.202, 319.485** is the 20% darker color. If you saturate the color by 10%, you get **65, 31.383, 319.159**, and if you desaturate by 10%, it is **75, 7.102, 318.262**.

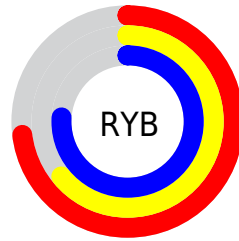
Distribution



Red (73%)

Green (64%)

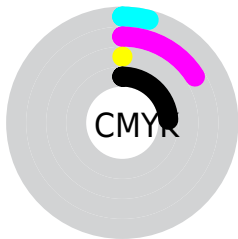
Blue (76%)



Red (73%)

Yellow (64%)

Blue (76%)

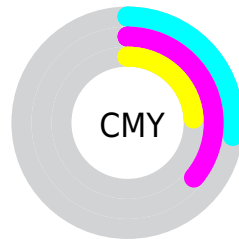


Cyan (4%)

Magenta (16%)

Yellow (0%)

Black (24%)



Cyan (27%)


Magenta (36%)


Yellow (24%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 19.177, 318.716 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, 19.177, 318.716 by changing the saturation by 10% instead.


 70, 19.177,
318.716


 70, 19.177,
318.716


 100, 19.177,
318.716


 60, 19.177,
318.716


 90, 19.177,
318.716


 50, 19.177,
318.716

 40, 19.177,
318.716

 30, 19.177,
318.716

 20, 19.177,
318.716

 10, 19.177,
318.716

 0, 19.177, 318.716

70, 19.177,
318.716

70, 19.177,
318.716

65, 31.383,
319.159

75, 7.102, 318.262

60, 43.564,
319.587

81, 4.734, 137.909

55, 55.465,
319.976

86, 16.278,
137.480

51, 66.725,
320.294

92, 27.503,
137.101

47, 76.860,
320.502

96, 35.257,
136.269

43, 85.307,
320.549

96, 34.501,
134.073

41, 91.525,
320.387

96, 33.795,
131.753

39, 95.217,

96, 33.145,
129.309

319.980

97, 32.557,
126.745

39, 96.328,
319.783

Harmonies

Complementary

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



70, 19.177, 318.716



76, 19.005, 137.297

Rectangle

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



70, 19.177, 318.716



70, 19.177, 8.716



70, 19.177, 138.716



70, 19.177, 188.716

Sweetspot

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



70, 19.175, 318.716



96, 7.361, 318.219



70, 13.211, 280.385



51, 5.066, 318.254



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



70, 19.175, 318.716



87, 28.308, 318.864



70, 16.988, 334.019



38, 6.759, 318.419



32, 83.661, 319.891



3, 21.766, 316.335

Inverse Universe

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



70, 12.527, 2.845



87, 18.592, 3.235



76, 16.892, 151.855



38, 4.371, 2.118



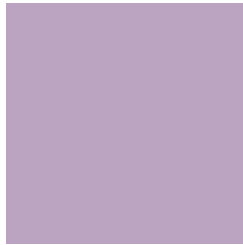
33, 64.379, 26.799



3, 14.361, 7.272

Previews

White Background



This preview shows how the CIELCh color 70, 19.177, 318.716 looks on a white background.

Color Contrast Check

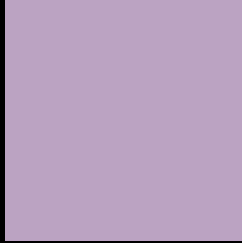
Large Text (above 18pt) WCAG AA × Fail

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, 19.177, 318.716 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

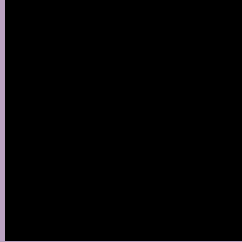
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 19.177, 318.716

Background



This preview shows how black text looks on a background with the CIELCh color 70, 19.177, 318.716.



This preview shows how white text looks on a background with the CIELCh color 70, 19.177, 318.716.

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, 19.177, 318.716

Protanopia

70, 15.916, 286.727

Deuteranopia

70, 14.763, 305.644



Tritanopia
70, 10.107, 335.606

Trichromacy



Original Color
70, 19.177, 318.716

Protanomaly
70, 16.081, 299.330

Deuteranomaly
70, 15.836, 311.582

Tritanomaly
70, 13.488, 326.348

Monochromacy



Original Color
70, 19.177, 318.716

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 6.920, 319.592

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 19.177, 318.716 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(187, 163, 194)` looks like.

```
.text, #text, p{  
    color:rgb(187, 163, 194)  
}
```

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(187, 163, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 163, 194) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 19.177, 318.716 is called "border". The border property can be set on classes, ids or directly on the HTML element.

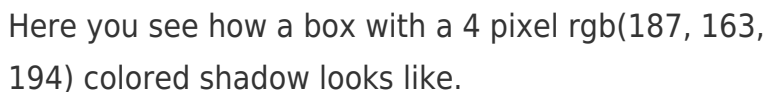
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(187, 163, 194) }
```

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

```
.border{ border-color:rgb(187, 163, 194) }
```

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



Here you see how a box with a 4 pixel `rgb(187, 163, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(187, 163, 194); -webkit-box-shadow:4px 4px 4px 4px rgb(187, 163, 194); box-shadow:4px 4px 4px 4px rgb(187, 163, 194) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 19.177, 318.716 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 163, 194) }
```

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

```
.background{ background-color: rgb(187,  
163, 194) }
```

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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