

Converting Colors

CIELCh(70, 9.994, 339.244)

Have a look what the booklet for
CIELCh(70, 9.994, 339.244) contains.

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Color

CIELCh(70, 10.018, 339.406)

Conversions

Conversions Part 1

Format	Color
Hex	BAA6B2
RGB	186, 166, 178
RGB Percent	73%, 65%, 70%
CMY	0.2719, 0.3503, 0.3033
CMYK	0.00, 0.11, 0.04, 0.27
HSL	324°, 13%, 69%
HSV	324°, 11%, 73%
XYZ	41.7456, 40.7494, 47.6083
YIQ	173.3480, 8.0680, 7.9720

Conversions

Conversions Part 2

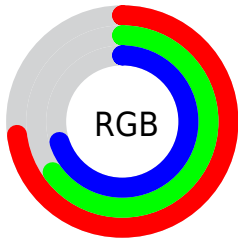
Format	Color
R _Y B	186, 166, 178
Decimal	12232370
CIE Lab	70.00, 9.38, -3.52
CIE LCh	70, 10.018, 339.406
Yxy	40.7494, 0.3209, 0.3132
Android (android.graphics.Color)	4290422450 (0xFFBAA6B2)
YUV	173.3480, 2.2934, 11.0958
Hunter-Lab	63.8353, 5.0198, 0.4663

Details

The CIELCh color $70, 10.018, 339.406$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $74, 9.927, 157.844$, and the grayscale version is $71, 0.009, 296.813$.

A 20% lighter version of the original color is $90, 10.129, 338.360$, and $50, 10.002, 340.685$ is the 20% darker color. If you saturate the color by 10%, you get $65, 19.464, 340.244$, and if you desaturate by 10%, it is $75, 0.712, 338.198$.

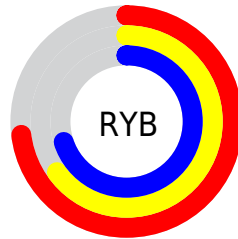
Distribution



Red (73%)

Green (65%)

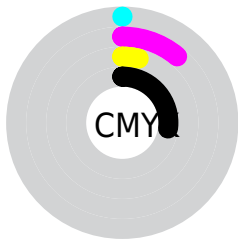
Blue (70%)



Red (73%)

Yellow (65%)

Blue (70%)

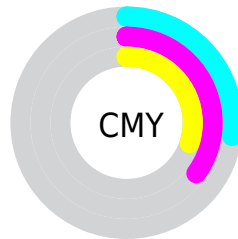


Cyan (0%)

Magenta (11%)

Yellow (4%)

Black (27%)



Cyan (27%)


Magenta (35%)


Yellow (30%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 10.018, 339.406 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, 10.018, 339.406 by changing the saturation by 10% instead.


 70, 10.018,
339.406


 70, 10.018,
339.406


 100, 10.018,
339.406


 60, 10.018,
339.406


 90, 10.018,
339.406

 50, 10.018,
339.406

 40, 10.018,
339.406

 30, 10.018,
339.406

 20, 10.018,
339.406

 10, 10.018,
339.406

 0, 10.018, 339.406

70, 10.018,
339.406

70, 10.018,
339.406

65, 19.464,
340.244

75, 0.712, 338.198

60, 28.916,
341.146

80, 8.367, 158.035

56, 38.157,
342.144

85, 17.178,
157.365

52, 46.874,
343.269

90, 25.706,
156.753

48, 54.663,
344.570

95, 31.909,
157.212

45, 61.052,
346.115

95, 29.351,
162.598


43, 65.604,
347.997


95, 27.057,
168.912

41, 68.061,

95, 25.107,
176.263

350.336

 95, 23.591,
184.670

 40, 68.847,
352.910

Harmonies

Complementary

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



70, 10.018, 339.406



74, 9.927, 157.844

Rectangle

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



70, 10.018, 339.406



70, 10.018, 29.406



70, 10.018, 159.406



70, 10.018, 209.406

Sweetspot

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



70, 10.016, 339.409



94, 3.441, 338.733



69, 11.412, 306.038



50, 2.631, 338.819



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, 10.016, 339.409



88, 15.044, 339.609



70, 7.768, 11.987



36, 5.216, 339.291



34, 60.554, 352.449



3, 13.011, 345.016

Inverse Universe

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



70, 10.016, 339.409



88, 15.044, 339.609



74, 7.353, 190.396



36, 5.216, 339.291



34, 60.554, 352.449



3, 13.011, 345.016

Previews

White Background



This preview shows how the CIELCh color 70, 10.018, 339.406 looks on a white background.

Color Contrast Check

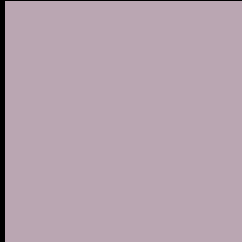
Large Text (above 18pt) WCAG AA × Fail

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, 10.018, 339.406 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

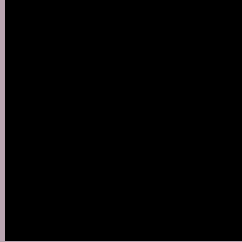
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

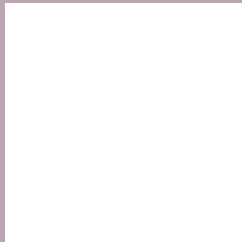
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 70, 10.018, 339.406

Background



This preview shows how black text looks on a background with the CIELCh color 70, 10.018, 339.406.



This preview shows how white text looks on a background with the CIELCh color 70, 10.018, 339.406.

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, 10.018, 339.406

Protanopia

70, 5.543, 298.372

Deuteranopia

70, 9.736, 337.902



Tritanopia
70, 10.377, 337.116

Trichromacy



Original Color
70, 10.018, 339.406

Protanomaly
70, 6.935, 319.595

Deuteranomaly
70, 9.736, 337.902

Tritanomaly
70, 10.377, 337.116

Monochromacy



Original Color
70, 10.018, 339.406

Achromatopsia
71, 0.009, 296.813

Achromatomaly
70, 4.089, 337.727

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 10.018, 339.406 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(186, 166, 178)` looks like.

```
.text, #text, p{  
    color:rgb(186, 166, 178)  
}
```

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(186, 166, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 166, 178) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 10.018, 339.406 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(186, 166, 178) }
```

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

```
.border{ border-color:rgb(186, 166, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 166, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 166, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 166, 178);  
box-shadow:4px 4px 4px 4px rgb(186, 166,  
178) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 10.018, 339.406 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 166, 178) }
```

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

```
.background{ background-color: rgb(186,  
166, 178) }
```

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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