

Converting Colors

CIELCh(70, 9.536, 349.785)

Have a look what the booklet for
CIELCh(70, 9.536, 349.785) contains.

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Color

CIELCh(70, 9.114, 351.589)

Conversions

Conversions Part 1

Format	Color
Hex	BBA6AE
RGB	187, 166, 174
RGB Percent	73%, 65%, 68%
CMY	0.2677, 0.3501, 0.3187
CMYK	0.00, 0.11, 0.07, 0.27
HSL	337°, 13%, 69%
HSV	337°, 11%, 73%
XYZ	41.6265, 40.7494, 45.5767
YIQ	173.1910, 9.9480, 6.9400

Conversions

Conversions Part 2

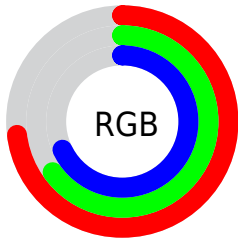
Format	Color
RYB	187, 166, 174
Decimal	12297902
CIELab	70.00, 9.02, -1.33
CIELCh	70, 9.114, 351.589
Yxy	40.7494, 0.3253, 0.3185
Android (android.graphics.Color)	4290487982 (0xFFBBA6AE)
YUV	173.1910, 0.3988, 12.1105
Hunter-Lab	63.8353, 4.6867, 2.3532

Details

The CIELCh color **70, 9.114, 351.589** is a light color, and the websafe version is hex **999999**. A complement of this color would be **74, 8.898, 169.641**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **90, 8.969, 352.492**, and **50, 9.377, 350.727** is the 20% darker color. If you saturate the color by 10%, you get **65, 17.473, 352.667**, and if you desaturate by 10%, it is **75, 0.994, 350.286**.

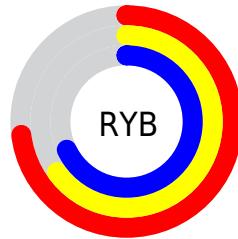
Distribution



Red (73%)

Green (65%)

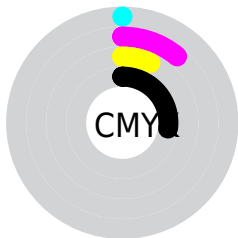
Blue (68%)



Red (73%)

Yellow (65%)

Blue (68%)

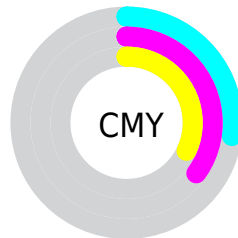


Cyan (0%)

Magenta (11%)

Yellow (7%)

Black (27%)



Cyan (27%)

Magenta (35%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 9.114, 351.589 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, 9.114, 351.589 by changing the saturation by 10% instead.

70, 9.114, 351.589

70, 9.114, 351.589

100, 9.114,
351.589

60, 9.114, 351.589

90, 9.114, 351.589

50, 9.114, 351.589

40, 9.114, 351.589

30, 9.114, 351.589

20, 9.114, 351.589

10, 9.114, 351.589

0, 9.114, 351.589

70, 9.114, 351.589

70, 9.114, 351.589

65, 17.473,

75, 0.994, 350.286

352.667

80, 6.831, 169.952

60, 25.974,
353.886

86, 14.343,
169.173

56, 34.443,
355.312

91, 21.545,
168.485

51, 42.618,
357.024

95, 26.237,
170.368

48, 50.144,
359.125

95, 23.535,
182.812

44, 56.611, 1.758

96, 22.080,
197.589

42, 61.662, 5.093

96, 22.059,
198.058

40, 65.156, 9.295

40, 67.375, 13.564

Harmonies

Complementary

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



70, 9.114, 351.589



74, 8.898, 169.641

Rectangle

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



70, 9.114, 351.589



70, 9.114, 41.589



70, 9.114, 171.589



70, 9.114, 221.589

Sweetspot

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



70, 9.112, 351.595



94, 2.966, 350.700



70, 12.515, 313.492



50, 2.269, 350.810



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, 9.112, 351.595



87, 13.060, 351.798



70, 7.291, 30.462



37, 4.619, 351.402



33, 59.468, 12.817



3, 13.192, 358.393

Inverse Universe

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



70, 9.112, 351.595



87, 13.060, 351.798



74, 6.780, 210.281



37, 4.619, 351.402



33, 59.468, 12.817



3, 13.192, 358.393

Previews

White Background



This preview shows how the CIELCh color 70, 9.114, 351.589 looks on a white background.

Color Contrast Check

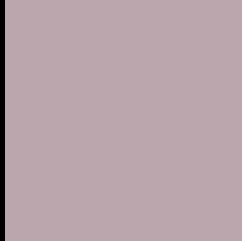
Large Text (above 18pt) WCAG AA × Fail

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, 9.114, 351.589 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

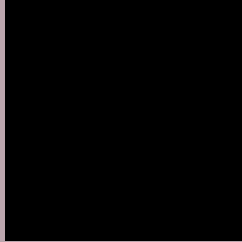
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 9.114, 351.589

Background



This preview shows how black text looks on a background with the CIELCh color 70, 9.114, 351.589.



This preview shows how white text looks on a background with the CIELCh color 70, 9.114, 351.589.

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, 9.114, 351.589

Protanopia

70, 3.491, 309.184

Deuteranopia

70, 8.779, 350.342



Tritanopia
70, 10.949, 339.925

Trichromacy



Original Color
70, 9.114, 351.589

Protanomaly
70, 5.399, 334.604

Deuteranomaly
70, 8.779, 350.342

Tritanomaly
70, 10.292, 344.599

Monochromacy



Original Color
70, 9.114, 351.589

Achromatopsia
71, 0.009, 296.813

Achromatomaly
70, 3.454, 351.257

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 9.114, 351.589 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, 166, 174)` looks like.

```
.text, #text, p{  
    color:rgb(187, 166, 174)  
}
```

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, 166, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 166, 174) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 9.114, 351.589 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, 166, 174) }
```

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

```
.border{ border-color:rgb(187, 166, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 166, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 166, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 166, 174);  
box-shadow:4px 4px 4px 4px rgb(187, 166,  
174) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 9.114, 351.589 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 166, 174) }
```

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

```
.background{ background-color: rgb(187,  
166, 174) }
```

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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