

Converting Colors

CIELCh(70, 9.516, 339.248)

Have a look what the booklet for
CIELCh(70, 9.516, 339.248) contains.

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Color

CIELCh(70, 9.383, 340.380)

Conversions

Conversions Part 1

Format	Color
Hex	B9A6B1
RGB	185, 166, 177
RGB Percent	73%, 65%, 69%
CMY	0.2746, 0.3491, 0.3060
CMYK	0.00, 0.10, 0.04, 0.27
HSL	325°, 12%, 69%
HSV	325°, 10%, 73%
XYZ	41.5680, 40.7494, 47.2580
YIQ	172.9350, 7.7930, 7.4490

Conversions

Conversions Part 2

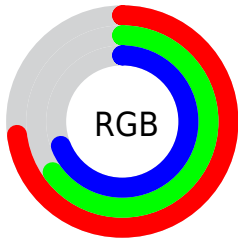
Format	Color
RYB	185, 166, 177
Decimal	12166833
CIELab	70.00, 8.84, -3.15
CIELCh	70, 9.383, 340.380
Yxy	40.7494, 0.3208, 0.3145
Android (android.graphics.Color)	4290356913 (0xFFB9A6B1)
YUV	172.9350, 2.0040, 10.5810
Hunter-Lab	63.8353, 4.5233, 0.7916

Details

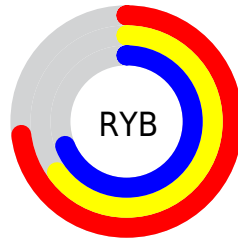
The CIELCh color $70, 9.383, 340.380$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $73, 9.292, 158.872$, and the grayscale version is $71, 0.009, 296.813$.

A 20% lighter version of the original color is $90, 9.522, 339.217$, and $50, 9.333, 341.801$ is the 20% darker color. If you saturate the color by 10%, you get $65, 18.667, 341.238$, and if you desaturate by 10%, it is $75, 0.250, 338.226$.

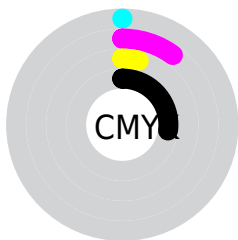
Distribution



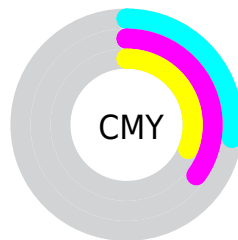
- Red (73%)
- Green (65%)
- Blue (69%)



- Red (73%)
- Yellow (65%)
- Blue (69%)



- Cyan (0%)
- Magenta (10%)
- Yellow (4%)
- Black (27%)



- Cyan (27%)
- Magenta (35%)
- Yellow (31%)
- Black (7%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 9.383, 340.380 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, 9.383, 340.380 by changing the saturation by 10% instead.

70, 9.383, 340.380

70, 9.383, 340.380

100, 9.383,
340.380

60, 9.383, 340.380

90, 9.383, 340.380

50, 9.383, 340.380

40, 9.383, 340.380

30, 9.383, 340.380

20, 9.383, 340.380

10, 9.383, 340.380

0, 9.383, 340.380

70, 9.383, 340.380

70, 9.383, 340.380

65, 18.667,

75, 0.250, 338.226

341.238

80, 8.650, 158.988

60, 27.977,
342.165

85, 17.279,
158.311

56, 37.103,
343.195

90, 25.626,
157.693

52, 45.744,
344.365

95, 31.676,
158.209

48, 53.503,
345.726

95, 29.046,
164.004

45, 59.919,
347.351

95, 26.723,
170.835

43, 64.552,
349.344

95, 24.800,
178.803

41, 67.135,
351.831

95, 23.383,
187.889

40, 68.062,
354.743

Harmonies

Complementary

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



70, 9.383, 340.380



73, 9.292, 158.872

Rectangle

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



70, 9.383, 340.380



70, 9.383, 30.380



70, 9.383, 160.380



70, 9.383, 210.380

Sweetspot

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



70, 9.381, 340.383



93, 3.361, 339.732



69, 10.874, 306.602



49, 2.547, 339.820



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



70, 9.381, 340.383



87, 13.556, 340.545



70, 7.357, 13.270



36, 5.139, 340.305



33, 60.015, 354.254



3, 12.822, 346.234

Inverse Universe

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



70, 9.381, 340.383



87, 13.556, 340.545



74, 6.968, 191.828



36, 5.139, 340.305



33, 60.015, 354.254



3, 12.822, 346.234

Previews

White Background



This preview shows how the CIELCh color 70, 9.383, 340.380 looks on a white background.

Color Contrast Check

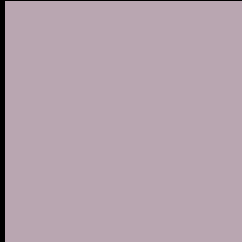
Large Text (above 18pt) WCAG AA × Fail

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, 9.383, 340.380 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

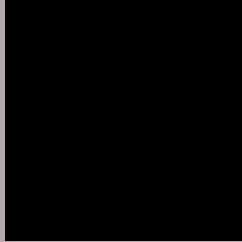
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 9.383, 340.380

Background



This preview shows how black text looks on a background with the CIELCh color 70, 9.383, 340.380.



This preview shows how white text looks on a background with the CIELCh color 70, 9.383, 340.380.

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, 9.383, 340.380

Protanopia

70, 5.001, 299.173

Deuteranopia

70, 9.383, 340.380



Tritanopia
70, 10.107, 335.606

Trichromacy



Original Color
70, 9.383, 340.380

Protanomaly
70, 5.795, 321.602

Deuteranomaly
70, 9.383, 340.380

Tritanomaly
70, 9.736, 337.902

Monochromacy



Original Color
70, 9.383, 340.380

Achromatopsia
71, 0.009, 296.813

Achromatomaly
70, 3.446, 340.191

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 9.383, 340.380 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, 166, 177)` looks like.

```
.text, #text, p{  
    color:rgb(185, 166, 177)  
}
```

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, 166, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 166, 177) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 9.383, 340.380 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, 166, 177) }
```

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

```
.border{ border-color:rgb(185, 166, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 166, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 166, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 166, 177);  
box-shadow:4px 4px 4px 4px rgb(185, 166,  
177) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 9.383, 340.380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 166, 177) }
```

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

```
.background{ background-color: rgb(185,  
166, 177) }
```

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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