

Converting Colors

CIELCh(70, 6.911, 339.247)

Have a look what the booklet for
CIELCh(70, 6.911, 339.247) contains.

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Color

CIELCh(70, 7.245, 337.197)

Conversions

Conversions Part 1

Format	Color
Hex	B5A7B0
RGB	181, 167, 176
RGB Percent	71%, 65%, 69%
CMY	0.2890, 0.3439, 0.3087
CMYK	0.00, 0.08, 0.03, 0.29
HSL	321°, 9%, 68%
HSV	321°, 8%, 71%
XYZ	40.8625, 40.7494, 46.9379
YIQ	172.2120, 5.4550, 5.7670

Conversions

Conversions Part 2

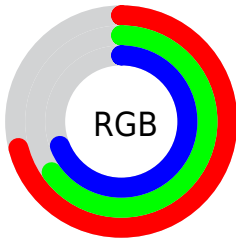
Format	Color
R _Y B	181, 167, 176
Decimal	11904944
CIE Lab	70.00, 6.68, -2.81
CIE LCh	70, 7.245, 337.197
Yxy	40.7494, 0.3179, 0.3170
Android (android.graphics.Color)	4290095024 (0xFFB5A7B0)
YUV	172.2120, 1.8675, 7.7071
Hunter-Lab	63.8353, 2.5505, 1.0889

Details

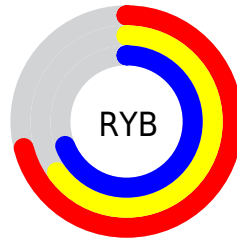
The CIELCh color $70, 7.245, 337.197$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $72, 7.199, 156.184$, and the grayscale version is $71, 0.009, 296.813$.

A 20% lighter version of the original color is $90, 7.499, 336.058$, and $50, 7.439, 335.237$ is the 20% darker color. If you saturate the color by 10%, you get $65, 16.749, 337.982$, and if you desaturate by 10%, it is $75, 2.103, 156.701$.

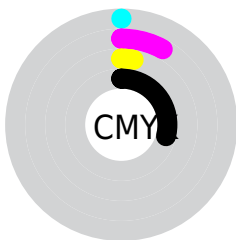
Distribution



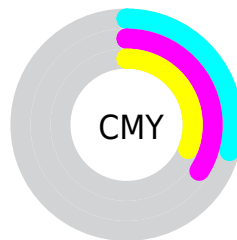
- Red (71%)
- Green (65%)
- Blue (69%)



- Red (71%)
- Yellow (65%)
- Blue (69%)



- Cyan (0%)
- Magenta (8%)
- Yellow (3%)
- Black (29%)



- Cyan (29%)
- Magenta (34%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 7.245, 337.197 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, 7.245, 337.197 by changing the saturation by 10% instead.

70, 7.245, 337.197

70, 7.245, 337.197

100, 7.245,
337.197

60, 7.245, 337.197

90, 7.245, 337.197

50, 7.245, 337.197

40, 7.245, 337.197

30, 7.245, 337.197

20, 7.245, 337.197

10, 7.245, 337.197

0, 7.245, 337.197

70, 7.245, 337.197

70, 7.245, 337.197

65, 16.749,

75, 2.103, 156.701

337.982

80, 11.218,
155.916

61, 26.291,
338.806

85, 20.066,
155.288

56, 35.677,
339.699

90, 28.634,
154.707

52, 44.624,
340.686

94, 35.205,
154.858

48, 52.755,
341.798

94, 32.862,
158.898

45, 59.618,
343.083

95, 30.674,
163.507

43, 64.758,
344.610

95, 28.682,
168.761

41, 67.840,
346.470

95, 26.932,
174.723

40, 68.933,
348.739

Harmonies

Complementary

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



70, 7.245, 337.197



72, 7.199, 156.184

Rectangle

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



70, 7.245, 337.197



70, 7.245, 27.197



70, 7.245, 157.197



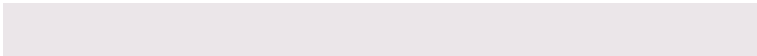
70, 7.245, 207.197

Sweetspot

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



70, 7.243, 337.200



92, 2.305, 336.666



69, 7.926, 304.071



49, 1.310, 336.648



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



70, 7.243, 337.200



87, 10.421, 337.312



70, 5.473, 7.725



36, 5.376, 337.327



34, 61.851, 348.942



3, 13.429, 342.557

Inverse Universe

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



70, 7.243, 337.200



87, 10.421, 337.312



73, 5.286, 186.587



36, 5.376, 337.327



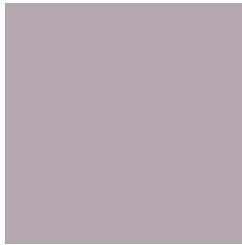
34, 61.851, 348.942



3, 13.429, 342.557

Previews

White Background



This preview shows how the CIELCh color 70, 7.245, 337.197 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, 7.245, 337.197 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

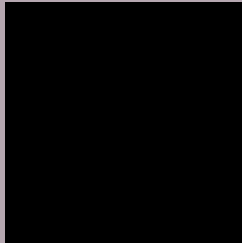
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

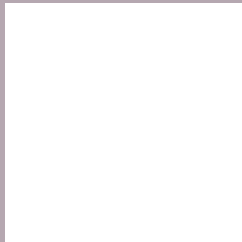
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 70, 7.245, 337.197

Background



This preview shows how black text looks on a background with the CIELCh color 70, 7.245, 337.197.



This preview shows how white text looks on a background with the CIELCh color 70, 7.245, 337.197.

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, 7.245, 337.197

Protanopia

70, 4.460, 300.181

Deuteranopia

70, 9.383, 340.380



Tritanopia
70, 9.099, 328.757

Trichromacy



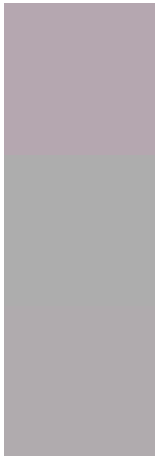
Original Color
70, 7.245, 337.197

Protanomaly
70, 4.951, 317.448

Deuteranomaly
70, 9.097, 338.804

Tritanomaly
70, 8.680, 331.001

Monochromacy



Original Color
70, 7.245, 337.197

Achromatopsia
71, 0.009, 296.813

Achromatomaly
70, 2.513, 338.706

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 7.245, 337.197 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(181, 167, 176)` looks like.

```
.text, #text, p{  
    color:rgb(181, 167, 176)  
}
```

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(181, 167, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 167, 176) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 7.245, 337.197 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(181, 167, 176) }
```

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

```
.border{ border-color:rgb(181, 167, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 167, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 167, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 167, 176);  
box-shadow:4px 4px 4px 4px rgb(181, 167,  
176) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 7.245, 337.197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 167, 176) }
```

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

```
.background{ background-color: rgb(181,  
167, 176) }
```

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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