

Converting Colors

CIELCh(70, 6.711, 353.296)

Have a look what the booklet for
CIELCh(70, 6.711, 353.296) contains.

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Color

CIELCh(70, 6.919, 351.712)

Conversions

Conversions Part 1

Format	Color
Hex	B7A7AD
RGB	183, 167, 173
RGB Percent	72%, 65%, 68%
CMY	0.2821, 0.3449, 0.3214
CMYK	0.00, 0.09, 0.05, 0.28
HSL	338°, 10%, 69%
HSV	338°, 9%, 72%
XYZ	40.9171, 40.7494, 45.2706
YIQ	172.4680, 7.6100, 5.2580

Conversions

Conversions Part 2

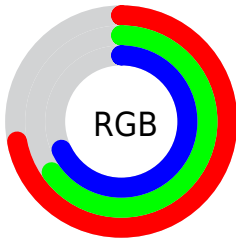
Format	Color
R _Y B	183, 167, 173
Decimal	12036013
CIE Lab	70.00, 6.85, -1.00
CIE LCh	70, 6.919, 351.712
Yxy	40.7494, 0.3223, 0.3210
Android (android.graphics.Color)	4290226093 (0xFFB7A7AD)
YUV	172.4680, 0.2623, 9.2366
Hunter-Lab	63.8353, 2.7031, 2.6375

Details

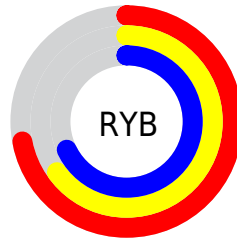
The CIELCh color $70, 6.919, 351.712$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $73, 6.785, 170.267$, and the grayscale version is $71, 0.009, 296.813$.

A 20% lighter version of the original color is $90, 6.887, 352.982$, and $50, 7.036, 350.387$ is the 20% darker color. If you saturate the color by 10%, you get $65, 15.066, 352.772$, and if you desaturate by 10%, it is $75, 0.974, 171.314$.

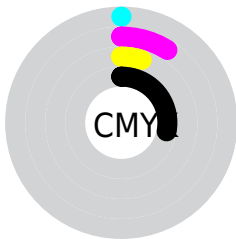
Distribution



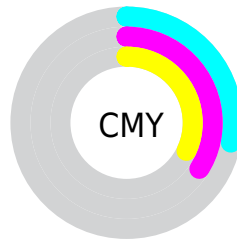
- Red (72%)
- Green (65%)
- Blue (68%)



- Red (72%)
- Yellow (65%)
- Blue (68%)



- Cyan (0%)
- Magenta (9%)
- Yellow (5%)
- Black (28%)



- Cyan (28%)
- Magenta (34%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 6.919, 351.712 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, 6.919, 351.712 by changing the saturation by 10% instead.

■ 70, 6.919, 351.712

■ 70, 6.919, 351.712

■ 100, 6.919,
351.712

■ 60, 6.919, 351.712

■ 90, 6.919, 351.712

■ 50, 6.919, 351.712

■ 40, 6.919, 351.712

■ 30, 6.919, 351.712

■ 20, 6.919, 351.712

■ 10, 6.919, 351.712

■ 0, 6.919, 351.712

■ 70, 6.919, 351.712

■ 70, 6.919, 351.712

■ 65, 15.066,

■ 75, 0.974, 171.314

352.772

80, 8.566, 170.123

60, 23.389,
353.953

85, 15.850,
169.373

56, 31.738,
355.327

91, 22.830,
168.702

51, 39.880,
356.968

95, 27.592,
170.206

48, 47.491,
358.972

95, 24.852,
181.838

44, 54.181, 1.474

95, 23.250,
195.626

42, 59.571, 4.638

96, 23.118,
197.992

40, 63.456, 8.634

39, 66.126, 13.448

Harmonies

Complementary

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



70, 6.919, 351.712



73, 6.785, 170.267

Rectangle

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



70, 6.919, 351.712



70, 6.919, 41.712



70, 6.919, 171.712



70, 6.919, 221.712

Sweetspot

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



70, 6.917, 351.720



92, 2.905, 351.079



70, 9.545, 313.381



49, 2.222, 351.188



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, 6.917, 351.720



88, 9.792, 351.866



70, 5.519, 30.377



36, 4.499, 351.781



33, 58.830, 13.310



2, 11.506, 357.770

Inverse Universe

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



70, 6.917, 351.720



88, 9.792, 351.866



73, 5.221, 210.316



36, 4.499, 351.781



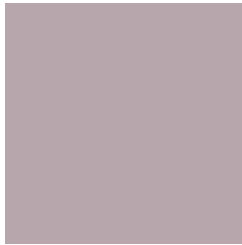
33, 58.830, 13.310



2, 11.506, 357.770

Previews

White Background



This preview shows how the CIELCh color 70, 6.919, 351.712 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, 6.919, 351.712 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

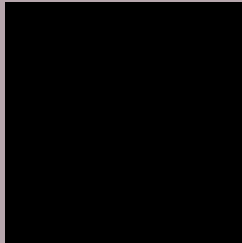
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 6.919, 351.712

Background



This preview shows how black text looks on a background with the CIELCh color 70, 6.919, 351.712.



This preview shows how white text looks on a background with the CIELCh color 70, 6.919, 351.712.

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, 6.919, 351.712

Protanopia

70, 2.979, 312.554

Deuteranopia

70, 8.876, 354.702



Tritanopia
70, 9.845, 334.019

Trichromacy



Original Color
70, 6.919, 351.712

Protanomaly
70, 4.094, 337.729

Deuteranomaly
70, 8.531, 353.543

Tritanomaly
70, 9.097, 338.804

Monochromacy



Original Color
70, 6.919, 351.712

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 2.526, 353.828

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 6.919, 351.712 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(183, 167, 173)` looks like.

```
.text, #text, p{  
    color:rgb(183, 167, 173)  
}
```

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(183, 167, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 167, 173) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 6.919, 351.712 is called "border". The border property can be set on classes, ids or directly on the HTML element.

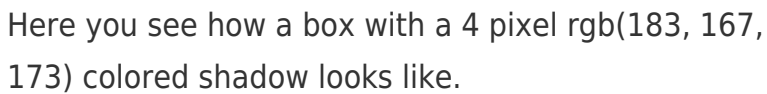
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(183, 167, 173) }
```

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

```
.border{ border-color:rgb(183, 167, 173) }
```

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



Here you see how a box with a 4 pixel `rgb(183, 167, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(183, 167, 173); -webkit-box-shadow:4px 4px 4px 4px rgb(183, 167, 173); box-shadow:4px 4px 4px 4px rgb(183, 167, 173) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 6.919, 351.712 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 167, 173) }
```

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

```
.background{ background-color: rgb(183,  
167, 173) }
```

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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