

Converting Colors

CIELCh(70, 6.935, 319.595)

Have a look what the booklet for
CIELCh(70, 6.935, 319.595) contains.

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Color

CIELCh(70, 6.935, 319.595)

Conversions

Conversions Part 1

Format	Color
Hex	B1A8B3
RGB	177, 168, 179
RGB Percent	69%, 66%, 70%
CMY	0.3048, 0.3401, 0.2970
CMYK	0.01, 0.06, 0.00, 0.30
HSL	289°, 7%, 68%
HSV	289°, 6%, 70%
XYZ	40.4101, 40.7494, 48.5281
YIQ	171.9450, 1.8330, 5.3290

Conversions

Conversions Part 2

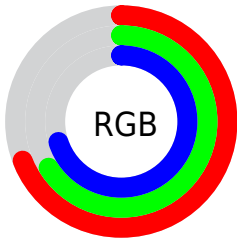
Format	Color
RYB	177, 168, 179
Decimal	11643059
CIELab	70.00, 5.28, -4.50
CIElCh	70, 6.935, 319.595
Yxy	40.7494, 0.3116, 0.3142
Android (android.graphics.Color)	4289833139 (0xFFB1A8B3)
YUV	171.9450, 3.4781, 4.4332
Hunter-Lab	63.8353, 1.2854, -0.3880

Details

The CIELCh color **70, 6.935, 319.595** is a light color, and the websafe version is hex **999999**. A complement of this color would be **72, 6.901, 139.102**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **90, 7.216, 319.997**, and **50, 6.696, 319.124** is the 20% darker color. If you saturate the color by 10%, you get **65, 18.375, 320.058**, and if you desaturate by 10%, it is **75, 4.305, 139.232**.

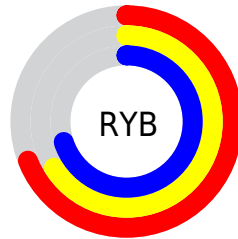
Distribution



Red (69%)

Green (66%)

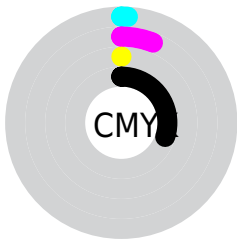
Blue (70%)



Red (69%)

Yellow (66%)

Blue (70%)

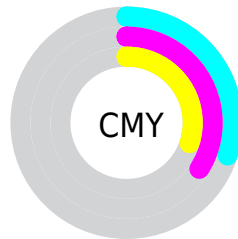


Cyan (1%)

Magenta (6%)

Yellow (0%)

Black (30%)



Cyan (30%)

Magenta (34%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 6.935, 319.595 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, 6.935, 319.595 by changing the saturation by 10% instead.

■ 70, 6.935, 319.595

■ 70, 6.935, 319.595

■ 100, 6.935,
319.595

■ 60, 6.935, 319.595

■ 90, 6.935, 319.595

■ 50, 6.935, 319.595

■ 40, 6.935, 319.595

■ 30, 6.935, 319.595

■ 20, 6.935, 319.595

■ 10, 6.935, 319.595

■ 0, 6.935, 319.595

■ 70, 6.935, 319.595

■ 70, 6.935, 319.595

■ 65, 18.375,

■ 75, 4.305, 139.232

320.058

80, 15.276,
138.783

60, 29.918,
320.509

85, 25.950,
138.386

56, 41.393,
320.941

90, 36.313,
138.018

51, 52.550,
321.333

94, 44.658,
137.539

47, 63.040,
321.657

95, 44.062,
136.322

44, 72.411,
321.875

95, 43.484,
135.058

41, 80.154,
321.947

95, 42.924,
133.746

39, 85.804,
321.833

95, 42.385,
132.387

37, 89.154,
321.508

Harmonies

Complementary

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



70, 6.935, 319.595



72, 6.901, 139.102

Rectangle

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



70, 6.935, 319.595



70, 6.935, 9.595



70, 6.935, 139.595



70, 6.935, 189.595

Sweetspot

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



70, 6.933, 319.594



91, 2.782, 319.356



70, 4.970, 282.110



49, 1.595, 319.346



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, 6.933, 319.594



88, 9.762, 319.641



70, 5.863, 335.331



36, 5.106, 319.657



31, 80.195, 321.440



2, 15.027, 317.020

Inverse Universe

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



70, 4.332, 5.083



88, 6.112, 5.191



72, 5.834, 154.598



36, 3.199, 5.227



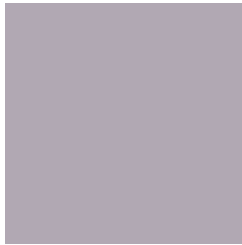
31, 63.733, 29.925



2, 9.369, 7.893

Previews

White Background



This preview shows how the CIELCh color 70, 6.935, 319.595 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, 6.935, 319.595 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

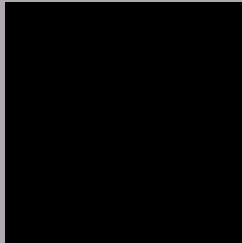
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

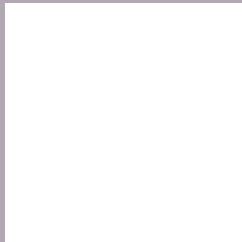
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 70, 6.935, 319.595

Background



This preview shows how black text looks on a background with the CIELCh color 70, 6.935, 319.595.



This preview shows how white text looks on a background with the CIELCh color 70, 6.935, 319.595.

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, 6.935, 319.595

Protanopia

70, 5.501, 294.569

Deuteranopia

70, 10.243, 331.902



Tritanopia
70, 8.073, 318.165

Trichromacy



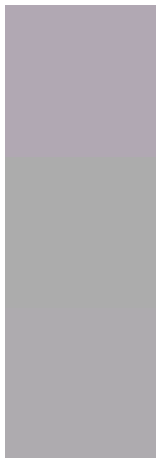
Original Color
70, 6.935, 319.595

Protanomaly
70, 6.233, 304.476

Deuteranomaly
70, 9.099, 328.757

Tritanomaly
70, 7.594, 320.070

Monochromacy



Original Color
70, 6.935, 319.595

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 2.478, 317.319

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 6.935, 319.595 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(177, 168, 179)` looks like.

```
.text, #text, p{  
    color:rgb(177, 168, 179)  
}
```

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(177, 168, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 168, 179) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 6.935, 319.595 is called "border". The border property can be set on classes, ids or directly on the HTML element.

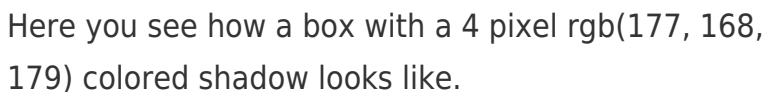
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(177, 168, 179) }
```

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

```
.border{ border-color:rgb(177, 168, 179) }
```

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



Here you see how a box with a 4 pixel `rgb(177, 168, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 168, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 168, 179);  
box-shadow:4px 4px 4px 4px rgb(177, 168,  
179) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 6.935, 319.595 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 168, 179) }
```

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

```
.background{ background-color: rgb(177,  
168, 179) }
```

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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