

Converting Colors

CIELCh(70, 8.970, 324.252)

Have a look what the booklet for
CIELCh(70, 8.970, 324.252) contains.

CIELCh(70, 9.112, 322.870)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(70, 9.112, 322.870)

Conversions

Conversions Part 1

Format	Color
Hex	B4A7B5
RGB	180, 167, 181
RGB Percent	71%, 65%, 71%
CMY	0.2936, 0.3445, 0.2896
CMYK	0.01, 0.08, 0.00, 0.29
HSL	296°, 9%, 68%
HSV	296°, 8%, 71%
XYZ	41.0531, 40.7494, 49.4922
YIQ	172.4830, 3.2540, 7.1100

Conversions

Conversions Part 2

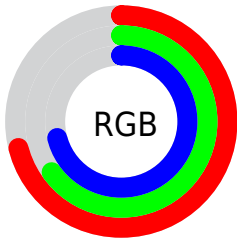
Format	Color
R_{YB}	180, 167, 181
Decimal	11839413
CIE Lab	70.00, 7.26, -5.50
CIE LCh	70, 9.112, 322.870
Yxy	40.7494, 0.3127, 0.3104
Android (android.graphics.Color)	4290029493 (0xFFB4A7B5)
YUV	172.4830, 4.1989, 6.5924
Hunter-Lab	63.8353, 3.0836, -1.2835

Details

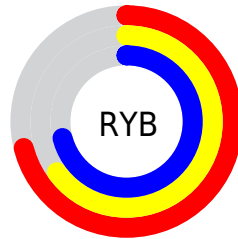
The CIELCh color **70, 9.112, 322.870** is a light color, and the websafe version is hex **999999**. A complement of this color would be **72, 9.084, 142.133**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **90, 9.288, 322.933**, and **50, 9.013, 322.825** is the 20% darker color. If you saturate the color by 10%, you get **65, 21.017, 323.381**, and if you desaturate by 10%, it is **75, 2.643, 142.486**.

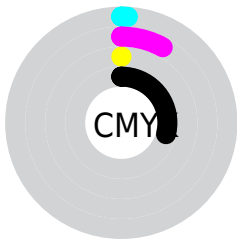
Distribution



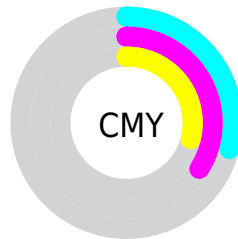
- Red (71%)
- Green (65%)
- Blue (71%)



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



- Cyan (1%)
- Magenta (8%)
- Yellow (0%)
- Black (29%)



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 9.112, 322.870 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, 9.112, 322.870 by changing the saturation by 10% instead.

■ 70, 9.112, 322.870

■ 70, 9.112, 322.870

■ 100, 9.112,
322.870

■ 60, 9.112, 322.870

■ 90, 9.112, 322.870

■ 50, 9.112, 322.870

■ 40, 9.112, 322.870

■ 30, 9.112, 322.870

■ 20, 9.112, 322.870

■ 10, 9.112, 322.870

■ 0, 9.112, 322.870

■ 70, 9.112, 322.870

■ 70, 9.112, 322.870

■ 65, 21.017,

■ 75, 2.643, 142.486

323.381

80, 14.149,
141.939

61, 32.929,
323.875

85, 25.354,
141.472

56, 44.624,
324.344

90, 36.232,
141.034

52, 55.791,
324.770

94, 45.181,
140.618

49, 66.029,
325.131

94, 44.929,
140.176

46, 74.870,
325.401

94, 44.678,
139.726

44, 81.853,
325.558

94, 44.430,
139.270

42, 86.638,
325.583

94, 44.183,
138.805

41, 89.277,
325.478

Harmonies

Complementary

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



70, 9.112, 322.870



72, 9.084, 142.133

Rectangle

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



70, 9.112, 322.870



70, 9.112, 12.870



70, 9.112, 142.870



70, 9.112, 192.870

Sweetspot

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



70, 9.110, 322.870



92, 2.902, 322.519



69, 7.053, 287.434



49, 1.649, 322.508



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, 9.110, 322.870



88, 13.104, 322.944



70, 6.944, 339.953



36, 6.759, 322.954



35, 80.220, 325.481



3, 18.171, 321.710

Inverse Universe

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



70, 5.387, 13.987



87, 7.780, 14.121



72, 6.890, 158.881



36, 4.015, 14.139



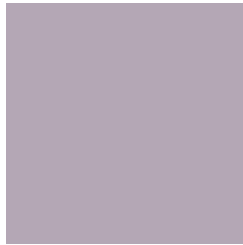
32, 69.210, 36.646



2, 10.679, 15.067

Previews

White Background



This preview shows how the CIELCh color 70, 9.112, 322.870 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, 9.112, 322.870 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

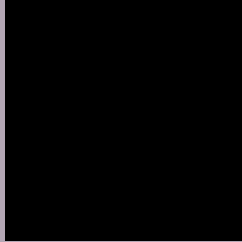
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

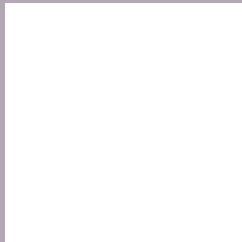
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 70, 9.112, 322.870

Background



This preview shows how black text looks on a background with the CIELCh color 70, 9.112, 322.870.



This preview shows how white text looks on a background with the CIELCh color 70, 9.112, 322.870.

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, 9.112, 322.870

Protanopia

70, 7.141, 293.826

Deuteranopia

70, 10.422, 328.324



Tritanopia
70, 8.657, 324.805

Trichromacy



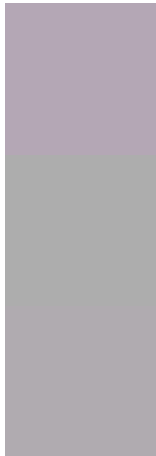
Original Color
70, 9.112, 322.870

Protanomaly
70, 7.388, 305.291

Deuteranomaly
70, 10.199, 326.630

Tritanomaly
70, 8.657, 324.805

Monochromacy



Original Color
70, 9.112, 322.870

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 3.337, 324.525

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 9.112, 322.870 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(180, 167, 181)` looks like.

```
.text, #text, p{  
    color:rgb(180, 167, 181)  
}
```

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(180, 167, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 167, 181) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 9.112, 322.870 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(180, 167, 181) }
```

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

```
.border{ border-color:rgb(180, 167, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 167, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 167, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 167, 181);  
box-shadow:4px 4px 4px 4px rgb(180, 167,  
181) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 9.112, 322.870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 167, 181) }
```

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

```
.background{ background-color: rgb(180,  
167, 181) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor