

Converting Colors

CIELCh(70, 12.014, 323.589)

Have a look what the booklet for
CIELCh(70, 12.014, 323.589)
contains.

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Color

CIELCh(70, 11.753, 323.423)

Conversions

Conversions Part 1

Format	Color
Hex	B7A6B8
RGB	183, 166, 184
RGB Percent	72%, 65%, 72%
CMY	0.2827, 0.3494, 0.2788
CMYK	0.01, 0.10, 0.00, 0.28
HSL	297°, 11%, 69%
HSV	297°, 10%, 72%
XYZ	41.7655, 40.7494, 50.9580
YIQ	173.1350, 4.3540, 9.2020

Conversions

Conversions Part 2

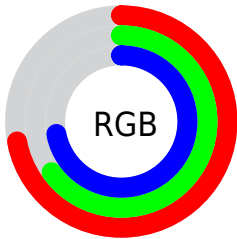
Format	Color
R_{YB}	183, 166, 184
Decimal	12035768
CIE Lab	70.00, 9.44, -7.00
CIE LCh	70, 11.753, 323.423
Yxy	40.7494, 0.3129, 0.3053
Android (android.graphics.Color)	4290225848 (0xFFB7A6B8)
YUV	173.1350, 5.3564, 8.6516
Hunter-Lab	63.8353, 5.0755, -2.6450

Details

The CIELCh color $70, 11.753, 323.423$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $73, 11.722, 142.437$, and the grayscale version is $71, 0.009, 296.813$.

A 20% lighter version of the original color is $90, 11.800, 323.412$, and $50, 11.822, 323.479$ is the 20% darker color. If you saturate the color by 10%, you get $65, 23.872, 323.939$, and if you desaturate by 10%, it is $75, 0.247, 143.869$.

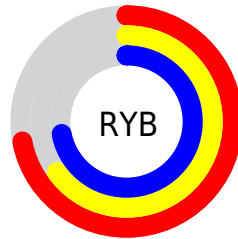
Distribution



Red (72%)

Green (65%)

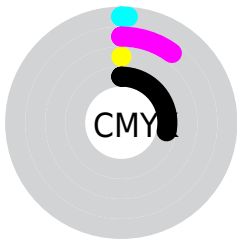
Blue (72%)



Red (72%)

Yellow (65%)

Blue (72%)

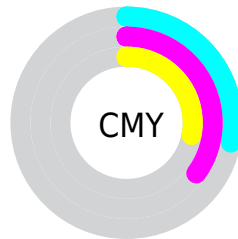


Cyan (1%)

Magenta (10%)

Yellow (0%)

Black (28%)



Cyan (28%)


Magenta (35%)


Yellow (28%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 11.753, 323.423 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, 11.753, 323.423 by changing the saturation by 10% instead.


 70, 11.753,
323.423


 70, 11.753,
323.423


 100, 11.753,
323.423


 60, 11.753,
323.423


 90, 11.753,
323.423

 50, 11.753,
323.423

 40, 11.753,
323.423

 30, 11.753,
323.423

 20, 11.753,
323.423

 10, 11.753,
323.423

 0, 11.753, 323.423

70, 11.753,
323.423

70, 11.753,
323.423

65, 23.872,
323.939

75, 0.247, 143.869

61, 35.947,
324.439

80, 12.013,
142.464

57, 47.725,
324.910

85, 23.481,
141.980

53, 58.866,
325.334

90, 34.619,
141.526

49, 68.941,
325.690

94, 43.727,
141.107

46, 77.474,
325.955

94, 43.526,
140.748


44, 84.021,
326.109


94, 43.326,
140.385

43, 88.301,

94, 43.127,
140.016

326.137

 94, 42.929,
139.643

 42, 90.635,
326.059

Harmonies

Complementary

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



70, 11.753, 323.423



73, 11.722, 142.437

Rectangle

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



70, 11.753, 323.423



70, 11.753, 13.423



70, 11.753, 143.423



70, 11.753, 193.423

Sweetspot

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



70, 11.751, 323.423



93, 4.451, 323.039



69, 9.237, 288.421



49, 3.373, 323.092



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, 11.751, 323.423



87, 17.898, 323.549



70, 8.817, 340.944



36, 6.792, 323.399



35, 80.126, 326.084



3, 18.307, 322.384

Inverse Universe

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



70, 6.945, 15.458



87, 10.654, 15.679



73, 8.732, 159.500



36, 4.009, 15.417



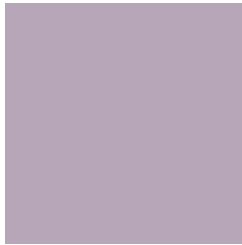
32, 69.790, 37.327



2, 10.665, 16.027

Previews

White Background



This preview shows how the CIELCh color 70, 11.753, 323.423 looks on a white background.

Color Contrast Check

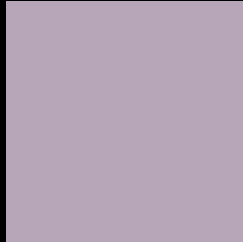
Large Text (above 18pt) WCAG AA × Fail

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, 11.753, 323.423 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, 11.753, 323.423

Background



This preview shows how black text looks on a background with the CIELCh color 70, 11.753, 323.423.



This preview shows how white text looks on a background with the CIELCh color 70, 11.753, 323.423.

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, 11.753, 323.423

Protanopia

70, 8.769, 291.055

Deuteranopia

70, 11.558, 321.846



Tritanopia
70, 9.099, 328.757

Trichromacy



Original Color
70, 11.753, 323.423

Protanomaly
70, 9.072, 305.027

Deuteranomaly
70, 11.558, 321.846

Tritanomaly
70, 9.531, 326.719

Monochromacy



Original Color
70, 11.753, 323.423

Achromatopsia
71, 0.009, 296.813

Achromatomaly
70, 4.668, 324.605

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 11.753, 323.423 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, 166, 184)` looks like.

```
.text, #text, p{  
    color:rgb(183, 166, 184)  
}
```

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, 166, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 166, 184) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 11.753, 323.423 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, 166, 184) }
```

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

```
.border{ border-color:rgb(183, 166, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 166, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 166, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 166, 184);  
box-shadow:4px 4px 4px 4px rgb(183, 166,  
184) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 11.753, 323.423 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 166, 184) }
```

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

```
.background{ background-color: rgb(183,  
166, 184) }
```

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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