

Converting Colors

CIELCh(72, 12.151, 322.026)

Have a look what the booklet for
CIELCh(72, 12.151, 322.026)
contains.

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Color

CIELCh(72, 12.151, 322.026)

Conversions

Conversions Part 1

Format	Color
Hex	BCABBE
RGB	188, 171, 190
RGB Percent	74%, 67%, 75%
CMY	0.2618, 0.3285, 0.2540
CMYK	0.01, 0.10, 0.00, 0.25
HSL	294°, 13%, 71%
HSV	294°, 10%, 75%
XYZ	44.7203, 43.6590, 54.9168
YIQ	178.2490, 4.0330, 9.5130

Conversions

Conversions Part 2

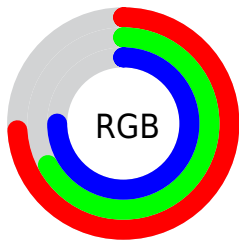
Format	Color
R_{YB}	188, 171, 190
Decimal	12364734
CIE _{Lab}	72.00, 9.58, -7.48
CIE _{LCh}	72, 12.151, 322.026
Yxy	43.6590, 0.3121, 0.3047
Android (android.graphics.Color)	4290554814 (0xFFBCABBE)
YUV	178.2490, 5.7932, 8.5516
Hunter-Lab	66.0750, 5.1797, -3.0251

Details

The CIELCh color $72, 12.151, 322.026$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $75, 12.107, 141.074$, and the grayscale version is $73, 0.009, 296.813$.

A 20% lighter version of the original color is $92, 12.189, 322.089$, and $52, 12.227, 321.995$ is the 20% darker color. If you saturate the color by 10%, you get $67, 24.449, 322.516$, and if you desaturate by 10%, it is $77, 0.006, 178.653$.

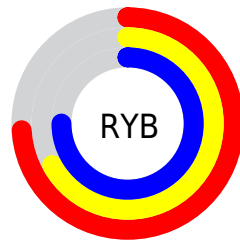
Distribution



Red (74%)

Green (67%)

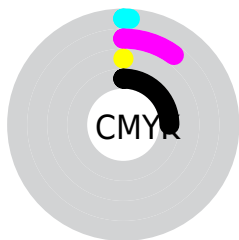
Blue (75%)



Red (74%)

Yellow (67%)

Blue (75%)

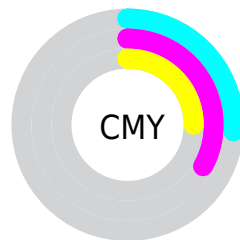


Cyan (1%)

Magenta (10%)

Yellow (0%)

Black (25%)



Cyan (26%)


Magenta (33%)


Yellow (25%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 12.151, 322.026 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 72, 12.151, 322.026 by changing the saturation by 10% instead.


 72, 12.151,
322.026


 72, 12.151,
322.026


 100, 12.151,
322.026


 62, 12.151,
322.026


 92, 12.151,
322.026

 52, 12.151,
322.026

 42, 12.151,
322.026

 32, 12.151,
322.026

 22, 12.151,
322.026

 12, 12.151,
322.026

 2, 12.151, 322.026

0, 12.151, 322.026

72, 12.151,
322.026

72, 12.151,
322.026

67, 24.449,
322.516

77, 0.006, 178.653

62, 36.734,
322.991

82, 11.913,
141.121

58, 48.764,
323.437

87, 23.518,
140.668

54, 60.205,
323.832

93, 34.790,
140.244

50, 70.621,
324.152

95, 39.013,
139.594

47, 79.510,
324.365

95, 38.631,
138.760

■ 44, 86.382,
324.444

■ 95, 38.255,
137.904

■ 43, 90.904,
324.366

■ 95, 37.888,
137.025

■ 42, 93.384,
324.150

■ 95, 37.528,
136.123

Harmonies

Complementary

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



72, 12.151, 322.026



75, 12.107, 141.074

Rectangle

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



72, 12.151, 322.026



72, 12.151, 12.026



72, 12.151, 142.026



72, 12.151, 192.026

Sweetspot

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



72, 12.149, 322.026



95, 4.496, 321.651



71, 9.186, 286.110



51, 3.437, 321.702



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



72, 12.149, 322.026



90, 18.091, 322.135



72, 9.583, 338.565



37, 6.845, 321.994



34, 81.425, 324.204



3, 20.376, 320.847

Inverse Universe

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



72, 7.339, 11.494



89, 10.990, 11.714



75, 9.508, 157.148



37, 4.128, 11.431



33, 68.709, 35.002



3, 12.338, 13.362

Previews

White Background



This preview shows how the CIELCh color 72, 12.151, 322.026 looks on a white background.

Color Contrast Check

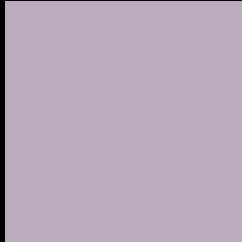
Large Text (above 18pt) WCAG AA × Fail

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 72, 12.151, 322.026 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

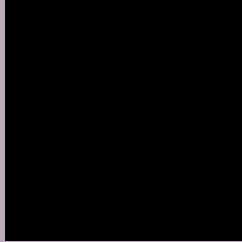
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

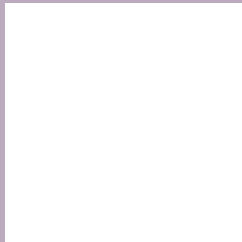
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 72, 12.151, 322.026

Background



This preview shows how black text looks on a background with the CIELCh color 72, 12.151, 322.026.



This preview shows how white text looks on a background with the CIELCh color 72, 12.151, 322.026.

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


72, 12.151, 322.026

Protanopia

72, 9.811, 291.136

Deuteranopia

72, 11.302, 320.206



Tritanopia
72, 9.706, 328.509

Trichromacy



Original Color
72, 12.151, 322.026

Protanomaly
72, 10.084, 303.565

Deuteranomaly
72, 11.302, 320.206

Tritanomaly
72, 10.577, 324.880

Monochromacy



Original Color
72, 12.151, 322.026

Achromatopsia
73, 0.009, 296.813

Achromatomaly
72, 3.980, 324.560

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 12.151, 322.026 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(188, 171, 190)` looks like.

```
.text, #text, p{  
    color:rgb(188, 171, 190)  
}
```

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(188, 171, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 171, 190) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 12.151, 322.026 is called "border". The border property can be set on classes, ids or directly on the HTML element.

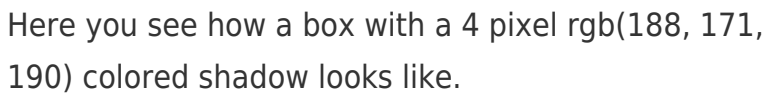
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(188, 171, 190) }
```

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

```
.border{ border-color:rgb(188, 171, 190) }
```

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



Here you see how a box with a 4 pixel `rgb(188, 171, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(188, 171, 190); -webkit-box-shadow:4px 4px 4px 4px rgb(188, 171, 190); box-shadow:4px 4px 4px 4px rgb(188, 171, 190) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 12.151, 322.026 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 171, 190) }
```

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

```
.background{ background-color: rgb(188,  
171, 190) }
```

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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