

Converting Colors

CIELCh(72, 6.256, 321.651)

Have a look what the booklet for
CIELCh(72, 6.256, 321.651) contains.

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Color

CIELCh(72, 6.423, 321.940)

Conversions

Conversions Part 1

Format	Color
Hex	B7AEB8
RGB	183, 174, 184
RGB Percent	72%, 68%, 72%
CMY	0.2834, 0.3186, 0.2794
CMYK	0.01, 0.05, 0.00, 0.28
HSL	294°, 7%, 70%
HSV	294°, 5%, 72%
XYZ	43.1786, 43.6590, 51.3571
YIQ	177.8310, 2.1540, 5.0180

Conversions

Conversions Part 2

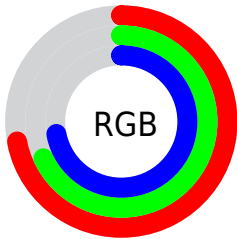
Format	Color
RYB	183, 174, 184
Decimal	12037816
CIELab	72.00, 5.06, -3.96
CIElCh	72, 6.423, 321.940
Yxy	43.6590, 0.3124, 0.3159
Android (android.graphics.Color)	4290227896 (0xFFB7AEB8)
YUV	177.8310, 3.0413, 4.5332
Hunter-Lab	66.0750, 1.0148, 0.1690

Details

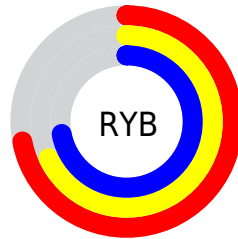
The CIELCh color $72, 6.423, 321.940$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $74, 6.398, 141.478$, and the grayscale version is $72, 0.009, 296.813$.

A 20% lighter version of the original color is $92, 6.737, 322.155$, and $52, 6.137, 321.689$ is the 20% darker color. If you saturate the color by 10%, you get $67, 18.346, 322.444$, and if you desaturate by 10%, it is $77, 5.314, 141.541$.

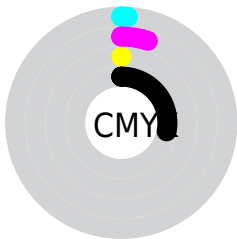
Distribution



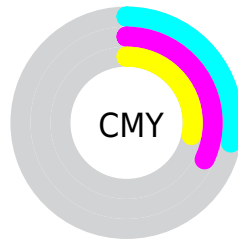
- Red (72%)
- Green (68%)
- Blue (72%)



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



- Cyan (1%)
- Magenta (5%)
- Yellow (0%)
- Black (28%)



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 6.423, 321.940 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, 6.423, 321.940 by changing the saturation by 10% instead.

■ 72, 6.423, 321.940

■ 72, 6.423, 321.940

■ 100, 6.423,
321.940

■ 62, 6.423, 321.940

■ 92, 6.423, 321.940

■ 52, 6.423, 321.940

■ 42, 6.423, 321.940

■ 32, 6.423, 321.940

■ 22, 6.423, 321.940

■ 12, 6.423, 321.940

■ 2, 6.423, 321.940

■ 0, 6.423, 321.940

■ 72, 6.423, 321.940

■ 72, 6.423, 321.940

67, 18.346,
322.444

77, 5.314, 141.541

62, 30.334,
322.928

82, 16.781,
141.055

58, 42.187,
323.390

87, 27.938,
140.613

54, 53.625,
323.814

92, 38.766,
140.200

50, 64.268,
324.174

94, 43.030,
139.647

47, 73.653,
324.444

94, 42.678,
138.965

44, 81.290,
324.595

95, 42.331,
138.267

42, 86.770,
324.602

95, 41.988,
137.553

41, 89.930,

95, 41.651,
136.822

324.451

Harmonies

Complementary

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



72, 6.423, 321.940



74, 6.398, 141.478

Rectangle

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



72, 6.423, 321.940



72, 6.423, 11.940



72, 6.423, 141.940



72, 6.423, 191.940

Sweetspot

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



72, 6.421, 321.939



93, 2.927, 321.719



72, 4.829, 285.589



50, 1.663, 321.709



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



72, 6.421, 321.939



90, 10.267, 322.028



72, 5.052, 338.190



37, 5.354, 322.046



34, 80.418, 324.403



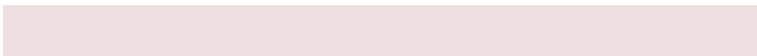
3, 17.936, 320.495

Inverse Universe

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



72, 3.825, 11.450



90, 6.142, 11.623



74, 5.022, 157.534



37, 3.206, 11.658



32, 68.061, 35.220



2, 10.713, 13.341

Previews

White Background



This preview shows how the CIELCh color 72, 6.423, 321.940 looks on a white background.

Color Contrast Check

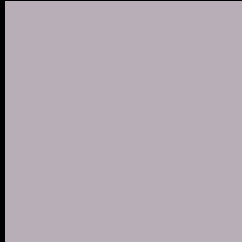
Large Text (above 18pt) WCAG AA × Fail

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, 6.423, 321.940 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

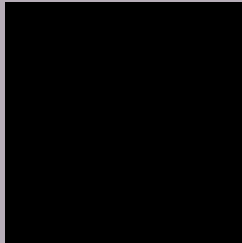
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 72, 6.423, 321.940

Background



This preview shows how black text looks on a background with the CIELCh color 72, 6.423, 321.940.



This preview shows how white text looks on a background with the CIELCh color 72, 6.423, 321.940.

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, 6.423, 321.940

Protanopia

72, 5.514, 298.362

Deuteranopia

72, 10.055, 335.587



Tritanopia
72, 8.516, 316.474

Trichromacy



Original Color
72, 6.423, 321.940

Protanomaly
72, 5.667, 305.752

Deuteranomaly
72, 8.636, 330.987

Tritanomaly
72, 8.031, 318.157

Monochromacy



Original Color
72, 6.423, 321.940

Achromatopsia
73, 0.009, 296.813

Achromatomaly
72, 2.659, 324.473

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 6.423, 321.940 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, 174, 184)` looks like.

```
.text, #text, p{  
    color:rgb(183, 174, 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, 174, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 174, 184) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 6.423, 321.940 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, 174, 184) }
```

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

```
.border{ border-color:rgb(183, 174, 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, 174, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 174, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 174, 184);  
box-shadow:4px 4px 4px 4px rgb(183, 174,  
184) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 6.423, 321.940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 174, 184) }
```

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

```
.background{ background-color: rgb(183,  
174, 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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