

Converting Colors

CIELCh(72, 5.768, 335.818)

Have a look what the booklet for
CIELCh(72, 5.768, 335.818) contains.

CIELCh(72, 5.365, 334.591)	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(72, 5.365, 334.591)

Conversions

Conversions Part 1

Format	Color
Hex	B8AEB5
RGB	184, 174, 181
RGB Percent	72%, 68%, 71%
CMY	0.2794, 0.3186, 0.2912
CMYK	0.00, 0.05, 0.02, 0.28
HSL	318°, 7%, 70%
HSV	318°, 5%, 72%
XYZ	43.1075, 43.6590, 49.7340
YIQ	177.7880, 3.7130, 4.2970

Conversions

Conversions Part 2

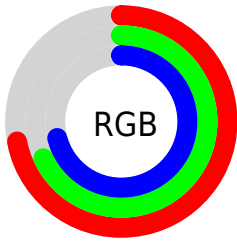
Format	Color
RYB	184, 174, 181
Decimal	12103349
CIELab	72.00, 4.85, -2.30
CIElCh	72, 5.365, 334.591
Yxy	43.6590, 0.3158, 0.3198
Android (android.graphics.Color)	4290293429 (0xFFB8AEB5)
YUV	177.7880, 1.5835, 5.4479
Hunter-Lab	66.0750, 0.8226, 1.6255

Details

The CIELCh color `72, 5.365, 334.591` is a light color, and the websafe version is hex `999999`. A complement of this color would be `74, 5.338, 153.981`, and the grayscale version is `72, 0.009, 296.813`.

A 20% lighter version of the original color is `92, 5.724, 333.444`, and `52, 5.022, 336.077` is the 20% darker color. If you saturate the color by 10%, you get `67, 15.333, 335.330`, and if you desaturate by 10%, it is `77, 4.435, 154.069`.

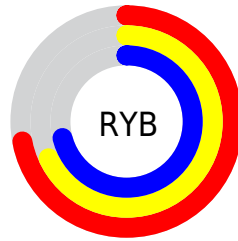
Distribution



Red (72%)

Green (68%)

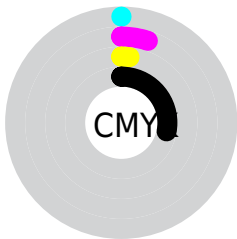
Blue (71%)



Red (72%)

Yellow (68%)

Blue (71%)

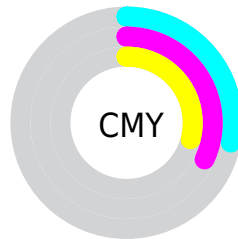


Cyan (0%)

Magenta (5%)

Yellow (2%)

Black (28%)



Cyan (28%)

Magenta (32%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 5.365, 334.591 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, 5.365, 334.591 by changing the saturation by 10% instead.

■ 72, 5.365, 334.591

■ 72, 5.365, 334.591

■ 100, 5.365,
334.591

■ 62, 5.365, 334.591

■ 92, 5.365, 334.591

■ 52, 5.365, 334.591

■ 42, 5.365, 334.591

■ 32, 5.365, 334.591

■ 22, 5.365, 334.591

■ 12, 5.365, 334.591

■ 2, 5.365, 334.591

■ 0, 5.365, 334.591

■ 72, 5.365, 334.591

■ 72, 5.365, 334.591

67, 15.333,
335.330

77, 4.435, 154.069

62, 25.357,
336.080

82, 13.992,
153.402

58, 35.247,
336.876

87, 23.274,
152.810

54, 44.730,
337.733

92, 32.267,
152.258

50, 53.435,
338.670

94, 34.760,
153.829

47, 60.910,
339.716

95, 32.729,
157.226

44, 66.684,
340.916

95, 30.804,
161.037

42, 70.376,
342.333

95, 29.010,
165.317

41, 71.866,

95, 27.375,
170.113

Harmonies

Complementary

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



72, 5.365, 334.591



74, 5.338, 153.981

Rectangle

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



72, 5.365, 334.591



72, 5.365, 24.591



72, 5.365, 154.591



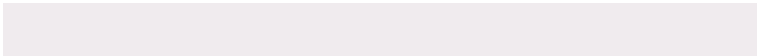
72, 5.365, 204.591

Sweetspot

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



72, 5.363, 334.595



93, 2.445, 334.267



72, 5.582, 302.105



50, 1.389, 334.252



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, 5.363, 334.595



90, 8.578, 334.723



72, 3.936, 3.619



37, 4.473, 334.749



34, 63.968, 344.603



3, 14.063, 339.325

Inverse Universe

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



72, 5.363, 334.595



90, 8.578, 334.723



74, 3.850, 182.899



37, 4.473, 334.749



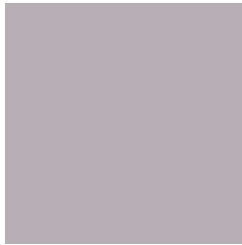
34, 63.968, 344.603



3, 14.063, 339.325

Previews

White Background



This preview shows how the CIELCh color 72, 5.365, 334.591 looks on a white background.

Color Contrast Check

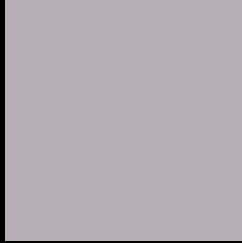
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 72, 5.365, 334.591 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

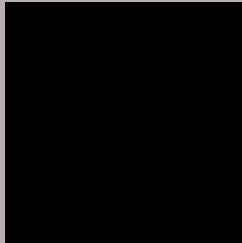
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

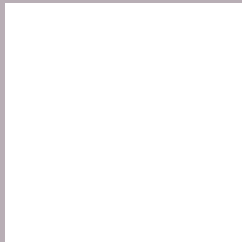
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 72, 5.365, 334.591

Background



This preview shows how black text looks on a background with the CIELCh color 72, 5.365, 334.591.



This preview shows how white text looks on a background with the CIELCh color 72, 5.365, 334.591.

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, 5.365, 334.591

Protanopia

72, 3.365, 303.207

Deuteranopia

72, 9.305, 344.482



Tritanopia
72, 8.400, 322.676

Trichromacy



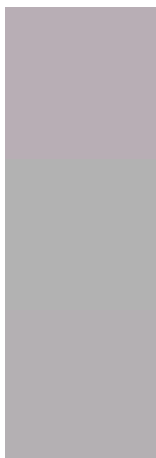
Original Color
72, 5.365, 334.591

Protanomaly
72, 4.266, 316.302

Deuteranomaly
72, 7.775, 341.044

Tritanomaly
72, 7.507, 327.104

Monochromacy



Original Color
72, 5.365, 334.591

Achromatopsia
73, 0.009, 296.813

Achromatomaly
72, 2.231, 332.347

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 5.365, 334.591 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(184, 174, 181)` looks like.

```
.text, #text, p{  
    color:rgb(184, 174, 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(184, 174, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 174, 181) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 5.365, 334.591 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(184, 174, 181) }
```

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

```
.border{ border-color:rgb(184, 174, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 174, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 174, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 174, 181);  
box-shadow:4px 4px 4px 4px rgb(184, 174,  
181) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 5.365, 334.591 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 174, 181) }
```

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

```
.background{ background-color: rgb(184,  
174, 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](#).

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