

Converting Colors

CIELCh(72, 4.161, 3.330)

Have a look what the booklet for
CIELCh(72, 4.161, 3.330) contains.

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Color

CIELCh(72, 4.305, 5.066)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | B9AEB0 |
| RGB | 185, 174, 176 |
| RGB Percent | 73%, 68%, 69% |
| CMY | 0.2749, 0.3181, 0.3102 |
| CMYK | 0.00, 0.06, 0.05, 0.27 |
| HSL | 349°, 7%, 70% |
| HSV | 349°, 6%, 73% |
| XYZ | 42.9199, 43.6590, 47.1808 |
| YIQ | 177.5170, 5.9140, 2.9540 |

Conversions

Conversions Part 2

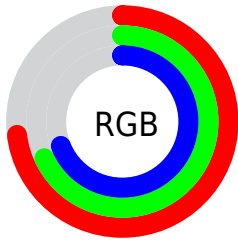
| Format | Color |
|-------------------------------------|--|
| RYB | 185, 174, 176 |
| Decimal | 12168880 |
| CIELab | 72.00, 4.29, 0.38 |
| CIELCh | 72, 4.305, 5.066 |
| Yxy | 43.6590, 0.3209, 0.3264 |
| Android (android.graphics.Color) | 4290358960 (0xFFB9AEB0) |
| YUV | 177.5170, -0.7479, 6.5626 |
| Hunter-Lab | 66.0750, 0.3160, 3.9165 |

Details

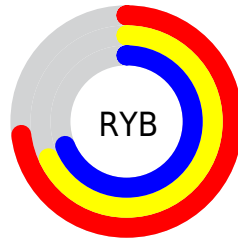
The CIELCh color $72, 4.305, 5.066$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $74, 4.196, 184.269$, and the grayscale version is $72, 0.009, 296.813$.

A 20% lighter version of the original color is $92, 4.583, 359.858$, and $52, 4.206, 3.835$ is the 20% darker color. If you saturate the color by 10%, you get $67, 11.854, 6.166$, and if you desaturate by 10%, it is $77, 2.844, 184.505$.

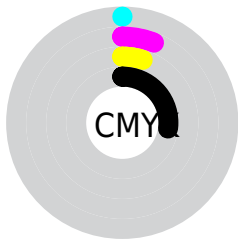
Distribution



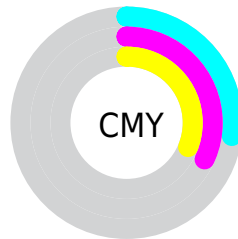
- Red (73%)
- Green (68%)
- Blue (69%)



- Red (73%)
- Yellow (68%)
- Blue (69%)



- Cyan (0%)
- Magenta (6%)
- Yellow (5%)
- Black (27%)



- Cyan (27%)
- Magenta (32%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 4.305, 5.066 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, 4.305, 5.066 by changing the saturation by 10% instead.

 72, 4.305, 5.066

 72, 4.305, 5.066

 100, 4.305, 5.066

 62, 4.305, 5.066

 92, 4.305, 5.066

 52, 4.305, 5.066

 42, 4.305, 5.066

 32, 4.305, 5.066

 22, 4.305, 5.066

 12, 4.305, 5.066

 2, 4.305, 5.066

 0, 4.305, 5.066

 72, 4.305, 5.066

 72, 4.305, 5.066

67, 11.854, 6.166

77, 2.844, 184.505

62, 19.781, 7.386

83, 9.592, 183.638

57, 28.007, 8.852

88, 15.960,
182.962

53, 36.387, 10.658

93, 21.978,
182.371

48, 44.692, 12.920

45, 52.625, 15.781

96, 22.865,
193.519

42, 59.880, 19.381

96, 22.591,
198.025

40, 66.251, 23.791

39, 71.724, 28.849

Harmonies

Complementary

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



72, 4.305, 5.066



74, 4.196, 184.269

Rectangle

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



72, 4.305, 5.066



72, 4.305, 55.066



72, 4.305, 185.066



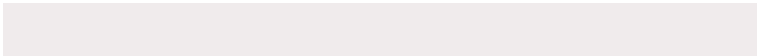
72, 4.305, 235.066

Sweetspot

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



72, 4.303, 5.084



93, 1.770, 4.510



72, 6.886, 319.541



50, 1.006, 4.482



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, 4.303, 5.084



90, 6.274, 5.212



73, 3.402, 53.063



37, 3.274, 5.250



32, 64.568, 30.026



2, 10.862, 8.505

Inverse Universe

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



72, 4.303, 5.084



90, 6.274, 5.212



73, 3.307, 234.230



37, 3.274, 5.250



32, 64.568, 30.026



2, 10.862, 8.505

Previews

White Background



This preview shows how the CIELCh color 72, 4.305, 5.066 looks on a white background.

Color Contrast Check

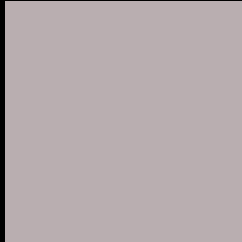
Large Text (above 18pt) WCAG AA × Fail

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, 4.305, 5.066 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

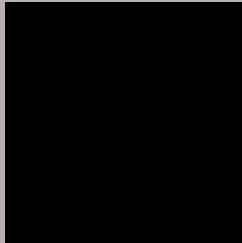
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

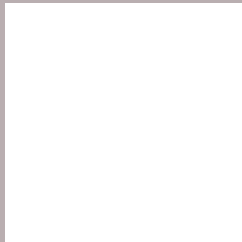
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 72, 4.305, 5.066

Background



This preview shows how black text looks on a background with the CIELCh color 72, 4.305, 5.066.

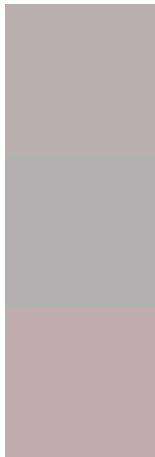


This preview shows how white text looks on a background with the CIELCh color 72, 4.305, 5.066.

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, 4.305, 5.066

Protanopia

72, 1.259, 353.501

Deuteranopia

72, 8.807, 2.228



Tritanopia
72, 9.268, 324.824

Trichromacy



Original Color

72, 4.305, 5.066

Protanomaly

72, 2.515, 353.819

Deuteranomaly

72, 7.179, 2.394

Tritanomaly

72, 6.931, 335.025

Monochromacy



Original Color

72, 4.305, 5.066

Achromatopsia

72, 0.009, 296.813

Achromatomaly

72, 1.605, 359.434

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 4.305, 5.066 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(185, 174, 176)` looks like.

```
.text, #text, p{  
    color:rgb(185, 174, 176)  
}
```

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(185, 174, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 174, 176) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 4.305, 5.066 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(185, 174, 176) }
```

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

```
.border{ border-color:rgb(185, 174, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 174, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 174, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 174, 176);  
box-shadow:4px 4px 4px 4px rgb(185, 174,  
176) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 4.305, 5.066 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 174, 176) }
```

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

```
.background{ background-color: rgb(185,  
174, 176) }
```

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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