

Converting Colors

CIELCh(73, 2.057, 303.267)

Have a look what the booklet for
CIELCh(73, 2.057, 303.267) contains.

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Color

CIELCh(73, 1.682, 303.102)

Conversions

Conversions Part 1

Format	Color
Hex	B4B3B6
RGB	180, 179, 182
RGB Percent	71%, 70%, 71%
CMY	0.2952, 0.2991, 0.2874
CMYK	0.01, 0.02, 0.00, 0.29
HSL	260°, 2%, 71%
HSV	260°, 2%, 71%
XYZ	43.2365, 45.1644, 50.5435
YIQ	179.6410, -0.3670, 1.1450

Conversions

Conversions Part 2

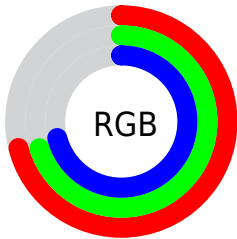
Format	Color
RYB	180, 179, 182
Decimal	11842486
CIELab	73.00, 0.92, -1.41
CIELCh	73, 1.682, 303.102
Yxy	45.1644, 0.3112, 0.3251
Android (android.graphics.Color)	4290032566 (0xFFB4B3B6)
YUV	179.6410, 1.1630, 0.3148
Hunter-Lab	67.2044, -2.7684, 2.4520

Details

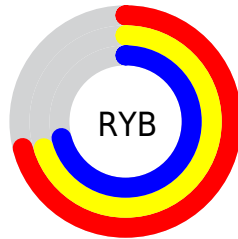
The CIELCh color $73, 1.682, 303.102$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $74, 1.658, 122.970$, and the grayscale version is $73, 0.009, 296.813$.

A 20% lighter version of the original color is $93, 1.601, 303.073$, and $53, 1.791, 303.143$ is the 20% darker color. If you saturate the color by 10%, you get $67, 12.024, 303.675$, and if you desaturate by 10%, it is $79, 8.310, 122.618$.

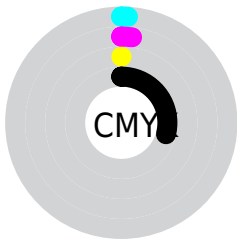
Distribution



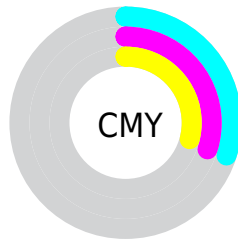
- Red (71%)
- Green (70%)
- Blue (71%)



- Red (71%)
- Yellow (70%)
- Blue (71%)



- Cyan (1%)
- Magenta (2%)
- Yellow (0%)
- Black (29%)



- Cyan (30%)
- Magenta (30%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 1.682, 303.102 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 73, 1.682, 303.102 by changing the saturation by 10% instead.

■ 73, 1.682, 303.102

■ 73, 1.682, 303.102

100, 1.682,
303.102

■ 63, 1.682, 303.102

■ 93, 1.682, 303.102

■ 53, 1.682, 303.102

■ 43, 1.682, 303.102

■ 33, 1.682, 303.102

■ 23, 1.682, 303.102

■ 13, 1.682, 303.102

■ 3, 1.682, 303.102

■ 0, 1.682, 303.102

■ 73, 1.682, 303.102

■ 73, 1.682, 303.102

67, 12.024,
303.675

79, 8.310, 122.618

62, 22.725,
304.321

84, 17.961,
122.180

56, 33.768,
305.040

90, 27.288,
121.802

50, 45.104,
305.824

96, 36.310,
121.477

45, 56.609,
306.652

97, 37.272,
115.997

39, 68.033,
307.478

98, 36.816,
108.878

34, 78.917,
308.219

98, 36.799,
107.372

30, 88.506,
308.748

27, 95.798,

Harmonies

Complementary

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



73, 1.682, 303.102



74, 1.658, 122.970

Rectangle

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



73, 1.682, 303.102



73, 1.682, 353.102



73, 1.682, 123.102



73, 1.682, 173.102

Sweetspot

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



73, 1.680, 303.076



94, 0.011, 296.813



73, 0.914, 234.252



50, 0.007, 296.813



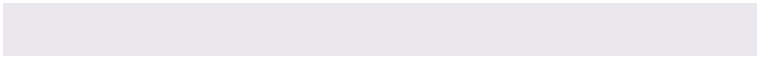
97, 0.011, 296.813

Same Dimension

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



73, 1.680, 303.076



92, 2.530, 303.103



73, 1.880, 319.275



38, 1.164, 303.092



20, 89.107, 308.904



1, 15.635, 299.829

Inverse Universe

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



73, 1.572, 335.544



93, 2.367, 335.609



74, 1.862, 139.342



38, 1.089, 335.583



34, 62.712, 347.024



3, 13.691, 341.156

Previews

White Background



This preview shows how the CIELCh color 73, 1.682, 303.102 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 73, 1.682, 303.102 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

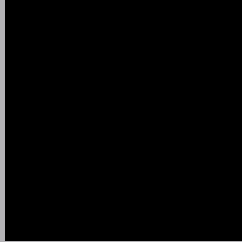
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

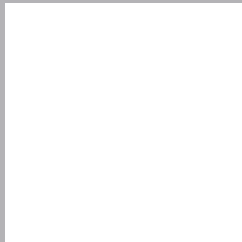
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 73, 1.682, 303.102

Background



This preview shows how black text looks on a background with the CIELCh color 73, 1.682, 303.102.

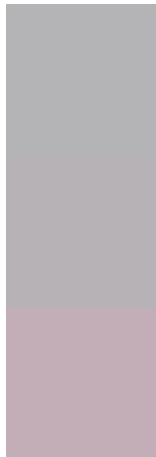


This preview shows how white text looks on a background with the CIELCh color 73, 1.682, 303.102.

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

73, 1.682, 303.102

Protanopia

73, 2.227, 332.344

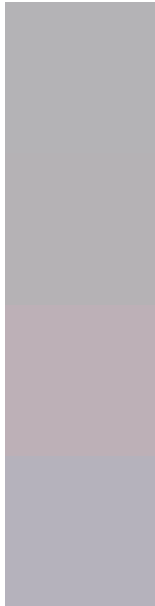
Deuteranopia

73, 9.299, 348.603



Tritanopia
73, 7.773, 301.695

Trichromacy



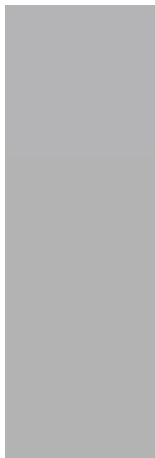
Original Color
73, 1.682, 303.102

Protanomaly
73, 1.993, 324.412

Deuteranomaly
73, 6.195, 342.119

Tritanomaly
73, 5.561, 302.098

Monochromacy



Original Color
73, 1.682, 303.102

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 0.551, 290.338

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 1.682, 303.102 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(180, 179, 182)` looks like.

```
.text, #text, p{  
    color:rgb(180, 179, 182)  
}
```

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(180, 179, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 179, 182) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 1.682, 303.102 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(180, 179, 182) }
```

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

```
.border{ border-color:rgb(180, 179, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 179, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 179, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 179, 182);  
box-shadow:4px 4px 4px 4px rgb(180, 179,  
182) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 1.682, 303.102 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 179, 182) }
```

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

```
.background{ background-color: rgb(180,  
179, 182) }
```

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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