

Converting Colors

CIELCh(73, 4.014, 240.450)

Have a look what the booklet for
CIELCh(73, 4.014, 240.450) contains.

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Color

CIELCh(73, 3.902, 233.161)

Conversions

Conversions Part 1

Format	Color
Hex	ACB5B9
RGB	172, 181, 185
RGB Percent	67%, 71%, 73%
CMY	0.3266, 0.2913, 0.2756
CMYK	0.07, 0.02, 0.00, 0.28
HSL	198°, 8%, 70%
HSV	198°, 7%, 72%
XYZ	42.1468, 45.1644, 52.2402
YIQ	178.7650, -6.6480, -0.6640

Conversions

Conversions Part 2

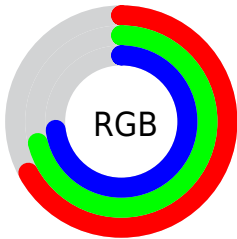
Format	Color
R_{YB}	172, 177, 185
Decimal	11318713
CIE Lab	73.00, -2.34, -3.12
CIE LCh	73, 3.902, 233.161
Yxy	45.1644, 0.3020, 0.3236
Android (android.graphics.Color)	4289508793 (0xFFACB5B9)
YUV	178.7650, 3.0739, -5.9329
Hunter-Lab	67.2044, -5.6628, 0.9550

Details

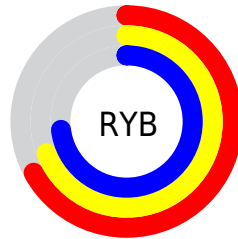
The CIELCh color **73, 3.902, 233.161** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **72, 4.042, 51.891**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 4.015, 230.319**, and **53, 3.822, 236.562** is the 20% darker color. If you saturate the color by 10%, you get **70, 9.248, 233.985**, and if you desaturate by 10%, it is **76, 1.666, 51.998**.

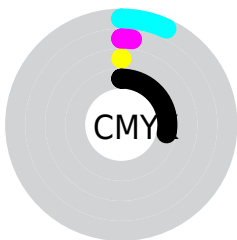
Distribution



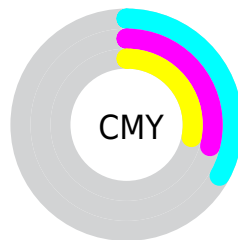
- Red (67%)
- Green (71%)
- Blue (73%)



- Red (67%)
- Yellow (69%)
- Blue (73%)



- Cyan (7%)
- Magenta (2%)
- Yellow (0%)
- Black (28%)



- Cyan (33%)
- Magenta (29%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 3.902, 233.161 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, 3.902, 233.161 by changing the saturation by 10% instead.

■ 73, 3.902, 233.161

■ 73, 3.902, 233.161

■ 100, 3.902,
233.161

■ 63, 3.902, 233.161

■ 93, 3.902, 233.161

■ 53, 3.902, 233.161

■ 43, 3.902, 233.161

■ 33, 3.902, 233.161

■ 23, 3.902, 233.161

■ 13, 3.902, 233.161

■ 3, 3.902, 233.161

■ 0, 3.902, 233.161

■ 73, 3.902, 233.161

■ 73, 3.902, 233.161

70, 9.248, 233.985

76, 1.666, 51.998

67, 14.315,
235.133

79, 7.404, 51.640

65, 19.037,
236.595

82, 13.267, 51.210

62, 23.354,
238.442

85, 19.219, 50.856

60, 27.213,
240.756

89, 22.297, 64.201

57, 30.586,
243.627

90, 23.008, 72.879

55, 33.486,
247.131

93, 25.849, 87.861

53, 35.981,
251.309

51, 38.219,
256.085

Harmonies

Complementary

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



73, 3.902, 233.161



72, 4.042, 51.891

Rectangle

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



73, 3.902, 233.161



73, 3.902, 283.161



73, 3.902, 53.161



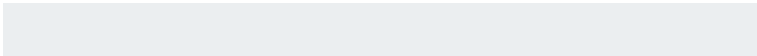
73, 3.902, 103.161

Sweetspot

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



73, 3.902, 233.133



94, 1.386, 233.040



74, 6.944, 153.850



50, 0.788, 233.055



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



73, 3.902, 233.133



92, 5.470, 233.208



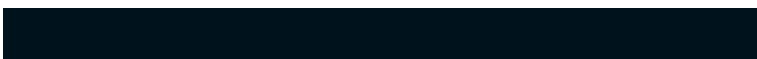
71, 5.739, 281.245



37, 3.112, 233.297



43, 34.037, 256.758



5, 8.715, 246.139

Inverse Universe

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



72, 6.940, 335.019



90, 9.759, 335.101



74, 5.683, 99.592



36, 5.570, 335.190



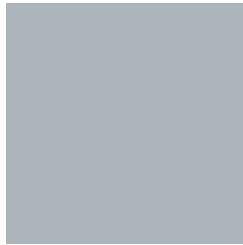
34, 63.672, 345.140



3, 13.976, 339.738

Previews

White Background



This preview shows how the CIE LCh color 73, 3.902, 233.161 looks on a white background.

Color Contrast Check

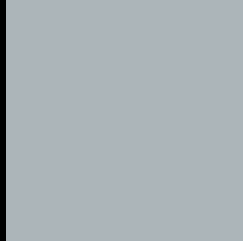
Large Text (above 18pt) WCAG AA × Fail

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, 3.902, 233.161 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

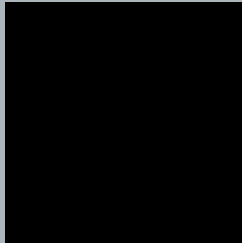
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

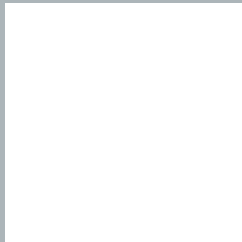
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 73, 3.902, 233.161

Background



This preview shows how black text looks on a background with the CIELCh color 73, 3.902, 233.161.



This preview shows how white text looks on a background with the CIELCh color 73, 3.902, 233.161.

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

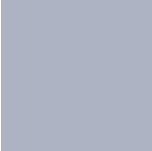
73, 3.902, 233.161

Protanopia

73, 2.954, 312.547

Deuteranopia

73, 9.657, 337.871



Tritanopia
73, 8.383, 276.151

Trichromacy



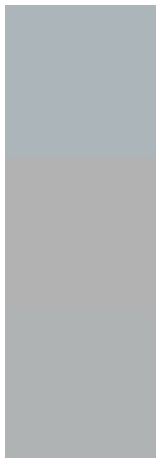
Original Color
73, 3.902, 233.161

Protanomaly
73, 2.739, 282.739

Deuteranomaly
73, 6.410, 321.937

Tritanomaly
73, 6.435, 267.711

Monochromacy



Original Color
73, 3.902, 233.161

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 1.233, 225.912

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 3.902, 233.161 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(172, 181, 185)` looks like.

```
.text, #text, p{  
    color:rgb(172, 181, 185)  
}
```

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(172, 181, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 181, 185) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 3.902, 233.161 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(172, 181, 185) }
```

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

```
.border{ border-color:rgb(172, 181, 185) }
```

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

Here you see how a box with a 4 pixel rgb(172, 181, 185) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 181, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 181, 185);  
box-shadow:4px 4px 4px 4px rgb(172, 181,  
185) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 3.902, 233.161 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 181, 185) }
```

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

```
.background{ background-color: rgb(172,  
181, 185) }
```

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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