

Converting Colors

CIELCh(73, 3.940, 144.321)

Have a look what the booklet for
CIELCh(73, 3.940, 144.321) contains.

CIELCh(73, 3.968, 144.319)	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(73, 3.968, 144.319)

Conversions

Conversions Part 1

Format	Color
Hex	AFB5AF
RGB	175, 181, 175
RGB Percent	69%, 71%, 69%
CMY	0.3144, 0.2908, 0.3144
CMYK	0.03, 0.00, 0.03, 0.29
HSL	120°, 4%, 70%
HSV	120°, 3%, 71%
XYZ	41.8544, 45.1644, 46.9846
YIQ	178.5220, -1.6500, -3.1380

Conversions

Conversions Part 2

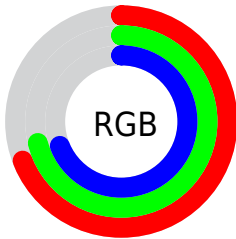
Format	Color
RYB	175, 181, 181
Decimal	11515311
CIELab	73.00, -3.22, 2.31
CIELCh	73, 3.968, 144.319
Yxy	45.1644, 0.3123, 0.3370
Android (android.graphics.Color)	4289705391 (0xFFAFB5AF)
YUV	178.5220, -1.7363, -3.0888
Hunter-Lab	67.2044, -6.4393, 5.5918

Details

The CIELCh color **73, 3.968, 144.319** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **72, 3.986, 324.563**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 4.204, 140.413**, and **53, 3.525, 144.284** is the 20% darker color. If you saturate the color by 10%, you get **71, 16.060, 143.657**, and if you desaturate by 10%, it is **75, 7.938, 324.752**.

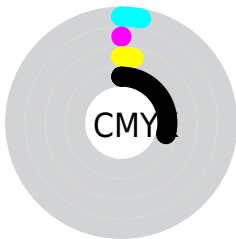
Distribution



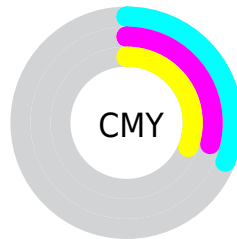
- Red (69%)
- Green (71%)
- Blue (69%)



- Red (69%)
- Yellow (71%)
- Blue (71%)



- Cyan (3%)
- Magenta (0%)
- Yellow (3%)
- Black (29%)



- Cyan (31%)
- Magenta (29%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 3.968, 144.319 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, 3.968, 144.319 by changing the saturation by 10% instead.

■ 73, 3.968, 144.319

■ 73, 3.968, 144.319

■ 100, 3.968,
144.319

■ 63, 3.968, 144.319

■ 93, 3.968, 144.319

■ 53, 3.968, 144.319

■ 43, 3.968, 144.319

■ 33, 3.968, 144.319

■ 23, 3.968, 144.319

■ 13, 3.968, 144.319

■ 3, 3.968, 144.319

■ 0, 3.968, 144.319

■ 73, 3.968, 144.319

■ 73, 3.968, 144.319

71, 16.060,
143.657

75, 7.938, 324.752

70, 28.197,
142.926

77, 19.573,
325.212

68, 40.195,
142.080

79, 30.879,
325.590

67, 51.807,
141.116

82, 41.825,
325.910

66, 62.715,
140.047

83, 46.448,
326.032

65, 72.534,
138.922

65, 80.807,
137.830

64, 87.058,
136.906

64, 90.926,

Harmonies

Complementary

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



73, 3.968, 144.319



72, 3.986, 324.563

Rectangle

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



73, 3.968, 144.319



73, 3.968, 194.319



73, 3.968, 324.319



73, 3.968, 14.319

Sweetspot

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



73, 3.970, 144.320



93, 1.468, 144.586



73, 3.238, 109.846



49, 0.834, 144.600



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



73, 3.970, 144.320



92, 5.917, 144.266



73, 2.776, 163.519



37, 3.357, 144.225



55, 81.802, 136.016



6, 16.259, 144.444

Inverse Universe

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



72, 3.986, 324.563



91, 5.937, 324.614



72, 2.799, 343.784



37, 3.366, 324.652



36, 78.924, 328.234



3, 16.261, 324.441

Previews

White Background



This preview shows how the CIELCh color 73, 3.968, 144.319 looks on a white background.

Color Contrast Check

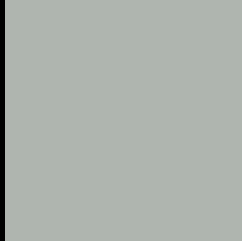
Large Text (above 18pt) WCAG AA × Fail

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, 3.968, 144.319 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

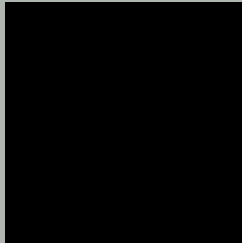
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

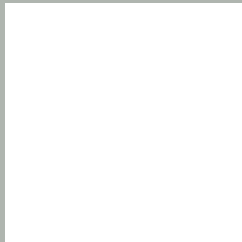
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 73, 3.968, 144.319

Background



This preview shows how black text looks on a background with the CIELCh color 73, 3.968, 144.319.



This preview shows how white text looks on a background with the CIELCh color 73, 3.968, 144.319.

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, 3.968, 144.319

Protanopia

73, 3.520, 69.556

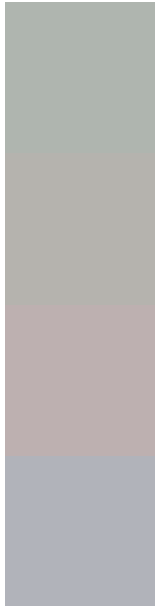
Deuteranopia

73, 9.309, 10.155



Tritanopia
73, 7.609, 290.918

Trichromacy



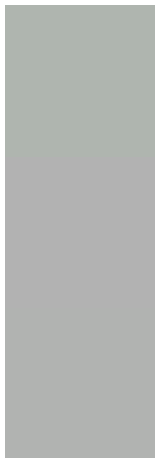
Original Color
73, 3.968, 144.319

Protanomaly
73, 2.797, 94.221

Deuteranomaly
73, 4.930, 19.721

Tritanomaly
73, 3.863, 279.639

Monochromacy



Original Color
73, 3.968, 144.319

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 1.318, 144.561

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 3.968, 144.319 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(175, 181, 175)` looks like.

```
.text, #text, p{  
    color:rgb(175, 181, 175)  
}
```

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(175, 181, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 181, 175) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 3.968, 144.319 is called "border". The border property can be set on classes, ids or directly on the HTML element.

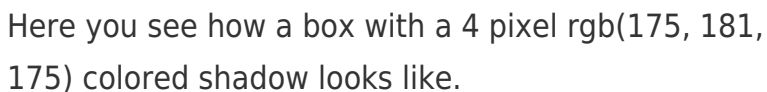
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(175, 181, 175) }
```

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

```
.border{ border-color:rgb(175, 181, 175) }
```

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



Here you see how a box with a 4 pixel `rgb(175, 181, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(175, 181, 175); -webkit-box-shadow:4px 4px 4px 4px rgb(175, 181, 175); box-shadow:4px 4px 4px 4px rgb(175, 181, 175) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 3.968, 144.319 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 181, 175) }
```

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

```
.background{ background-color: rgb(175,  
181, 175) }
```

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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