

Converting Colors

CIELCh(73, 2.548, 236.257)

Have a look what the booklet for
CIELCh(73, 2.548, 236.257) contains.

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Color

CIELCh(73, 2.439, 241.449)

Conversions

Conversions Part 1

Format	Color
Hex	AFB4B7
RGB	175, 180, 183
RGB Percent	69%, 71%, 72%
CMY	0.3138, 0.2942, 0.2824
CMYK	0.04, 0.02, 0.00, 0.28
HSL	202°, 5%, 70%
HSV	202°, 4%, 72%
XYZ	42.5372, 45.1644, 51.2650
YIQ	178.8470, -3.9430, -0.1270

Conversions

Conversions Part 2

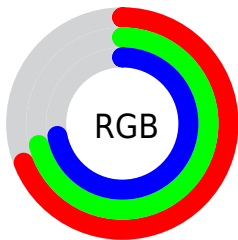
Format	Color
RYB	175, 178, 183
Decimal	11515063
CIELab	73.00, -1.17, -2.14
CIElCh	73, 2.439, 241.449
Yxy	45.1644, 0.3061, 0.3250
Android (android.graphics.Color)	4289705143 (0xFFAFB4B7)
YUV	178.8470, 2.0474, -3.3738
Hunter-Lab	67.2044, -4.6257, 1.8154

Details

The CIELCh color **73, 2.439, 241.449** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **73, 2.476, 60.224**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 2.324, 241.401**, and **53, 2.318, 248.032** is the 20% darker color. If you saturate the color by 10%, you get **70, 7.887, 242.407**, and if you desaturate by 10%, it is **76, 3.165, 60.166**.

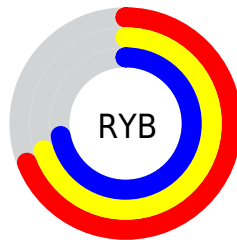
Distribution



Red (69%)

Green (71%)

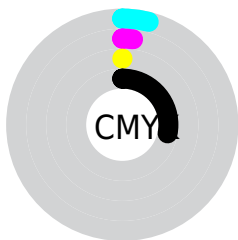
Blue (72%)



Red (69%)

Yellow (70%)

Blue (72%)

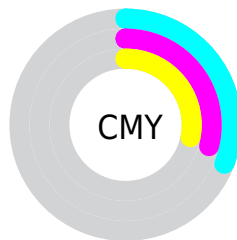


Cyan (4%)

Magenta (2%)

Yellow (0%)

Black (28%)



Cyan (31%)

Magenta (29%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 2.439, 241.449 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, 2.439, 241.449 by changing the saturation by 10% instead.

■ 73, 2.439, 241.449

■ 73, 2.439, 241.449

■ 100, 2.439,
241.449

■ 63, 2.439, 241.449

■ 93, 2.439, 241.449

■ 53, 2.439, 241.449

■ 43, 2.439, 241.449

■ 33, 2.439, 241.449

■ 23, 2.439, 241.449

■ 13, 2.439, 241.449

■ 3, 2.439, 241.449

■ 0, 2.439, 241.449

■ 73, 2.439, 241.449

■ 73, 2.439, 241.449

70, 7.887, 242.407

76, 3.165, 60.166

67, 13.136,
243.762

80, 8.884, 59.490

64, 18.138,
245.443

83, 14.684, 58.874

61, 22.846,
247.512

86, 20.537, 58.351

58, 27.224,
250.046

90, 23.883, 74.901

55, 31.255,
253.121

92, 25.516, 83.901

52, 34.962,
256.797

95, 30.305, 98.009

50, 38.412,
261.085

48, 41.728,
265.911

Harmonies

Complementary

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



73, 2.439, 241.449



73, 2.476, 60.224

Rectangle

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



73, 2.439, 241.449



73, 2.439, 291.449



73, 2.439, 61.449



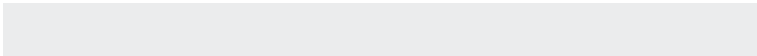
73, 2.439, 111.449

Sweetspot

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



73, 2.439, 241.404



93, 0.696, 241.649



74, 4.069, 156.883



50, 0.399, 241.685



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, 2.439, 241.404



92, 3.439, 241.452



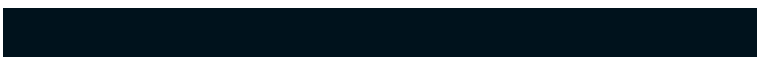
72, 3.795, 284.633



38, 1.897, 241.492



40, 38.353, 267.949



5, 9.126, 254.919

Inverse Universe

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



72, 4.070, 337.700



91, 5.748, 337.763



74, 3.755, 103.642



37, 3.175, 337.808



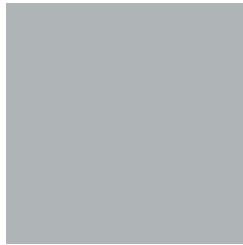
34, 61.292, 350.341



3, 13.254, 343.553

Previews

White Background



This preview shows how the CIE LCh color 73, 2.439, 241.449 looks on a white background.

Color Contrast Check

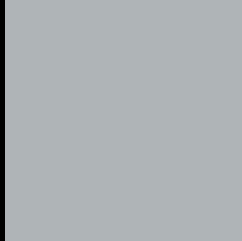
Large Text (above 18pt) WCAG AA × Fail

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, 2.439, 241.449 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

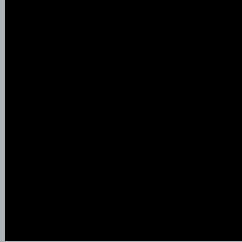
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

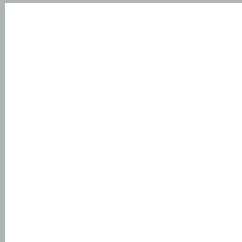
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 73, 2.439, 241.449

Background



This preview shows how black text looks on a background with the CIELCh color 73, 2.439, 241.449.



This preview shows how white text looks on a background with the CIELCh color 73, 2.439, 241.449.

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, 2.439, 241.449

Protanopia

73, 2.461, 317.313

Deuteranopia

73, 9.277, 344.468



Tritanopia
73, 8.154, 288.439

Trichromacy



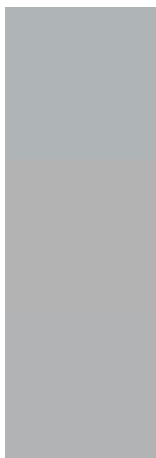
Original Color
73, 2.439, 241.449

Protanomaly
73, 1.636, 290.372

Deuteranomaly
73, 6.003, 333.539

Tritanomaly
73, 5.523, 279.339

Monochromacy



Original Color
73, 2.439, 241.449

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 0.660, 256.066

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 2.439, 241.449 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, 180, 183)` looks like.

```
.text, #text, p{  
    color:rgb(175, 180, 183)  
}
```

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, 180, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 180, 183) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 2.439, 241.449 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, 180, 183) }
```

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

```
.border{ border-color:rgb(175, 180, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 180, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 180, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 180, 183);  
box-shadow:4px 4px 4px 4px rgb(175, 180,  
183) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 2.439, 241.449 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 180, 183) }
```

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

```
.background{ background-color: rgb(175,  
180, 183) }
```

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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