

Converting Colors

CIE LCh(73, 2.023, 173.665)

Have a look what the booklet for
CIELCh(73, 2.023, 173.665) contains.

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Color

CIELCh(73, 1.937, 183.252)

Conversions

Conversions Part 1

Format	Color
Hex	AFB4B3
RGB	175, 180, 179
RGB Percent	69%, 71%, 70%
CMY	0.3126, 0.2930, 0.2970
CMYK	0.03, 0.00, 0.01, 0.29
HSL	168°, 3%, 70%
HSV	168°, 3%, 71%
XYZ	42.2814, 45.1644, 49.2821
YIQ	178.3910, -2.6590, -1.3710

Conversions

Conversions Part 2

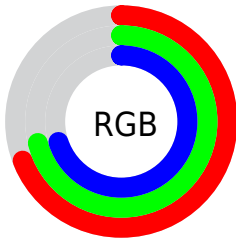
Format	Color
RYB	175, 178, 180
Decimal	11515059
CIELab	73.00, -1.93, -0.11
CIELCh	73, 1.937, 183.252
Yxy	45.1644, 0.3092, 0.3303
Android (android.graphics.Color)	4289705139 (0xFFAFB4B3)
YUV	178.3910, 0.3002, -2.9739
Hunter-Lab	67.2044, -5.3051, 3.5649

Details

The CIELCh color $73, 1.937, 183.252$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $72, 1.966, 3.220$, and the grayscale version is $73, 0.009, 296.813$.

A 20% lighter version of the original color is $93, 1.842, 183.376$, and $53, 1.690, 179.454$ is the 20% darker color. If you saturate the color by 10%, you get $72, 8.828, 182.135$, and if you desaturate by 10%, it is $75, 5.100, 3.732$.

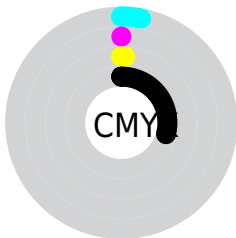
Distribution



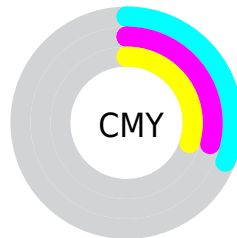
- Red (69%)
- Green (71%)
- Blue (70%)



- Red (69%)
- Yellow (70%)
- Blue (71%)



- Cyan (3%)
- Magenta (0%)
- Yellow (1%)
- Black (29%)



- Cyan (31%)
- Magenta (29%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 1.937, 183.252 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, 1.937, 183.252 by changing the saturation by 10% instead.

■ 73, 1.937, 183.252

■ 73, 1.937, 183.252

■ 100, 1.937,
183.252

■ 63, 1.937, 183.252

■ 93, 1.937, 183.252

■ 53, 1.937, 183.252

■ 43, 1.937, 183.252

■ 33, 1.937, 183.252

■ 23, 1.937, 183.252

■ 13, 1.937, 183.252

■ 3, 1.937, 183.252

■ 0, 1.937, 183.252

■ 73, 1.937, 183.252

■ 73, 1.937, 183.252

72, 8.828, 182.135

75, 5.100, 3.732

70, 15.474,
181.177

76, 12.210, 4.606

69, 21.770,
180.177

78, 19.329, 5.411

68, 27.601,
179.113

80, 26.408, 6.183

67, 32.854,
177.966

81, 30.007, 0.877

67, 37.428,
176.715

81, 30.563,
357.463

66, 41.250,
175.336

81, 31.231,
354.191

66, 44.292,
173.807

81, 32.005,
351.076

66, 46.585,
172.113

Harmonies

Complementary

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



73, 1.937, 183.252



72, 1.966, 3.220

Rectangle

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



73, 1.937, 183.252



73, 1.937, 233.252



73, 1.937, 3.252



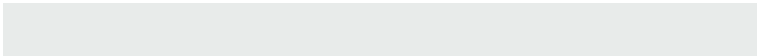
73, 1.937, 53.252

Sweetspot

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



73, 1.939, 183.215



93, 0.864, 183.789



73, 3.092, 138.253



49, 0.491, 183.832



96, 0.011, 296.813



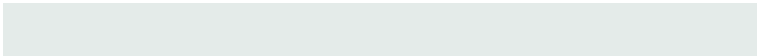
49, 0.007, 296.813

Same Dimension

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



73, 1.939, 183.215



92, 2.595, 183.169



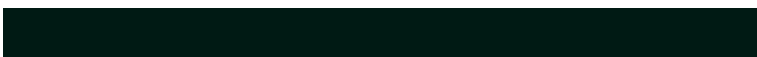
73, 1.527, 229.975



38, 1.569, 183.070



56, 42.330, 171.090



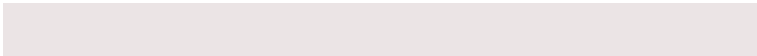
7, 9.946, 177.172

Inverse Universe

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



72, 1.966, 3.220



91, 2.633, 3.267



72, 1.543, 49.028



37, 1.595, 3.368



32, 62.975, 28.536



2, 9.412, 6.753

Previews

White Background



This preview shows how the CIELCh color 73, 1.937, 183.252 looks on a white background.

Color Contrast Check

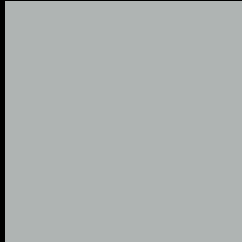
Large Text (above 18pt) WCAG AA × Fail

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, 1.937, 183.252 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

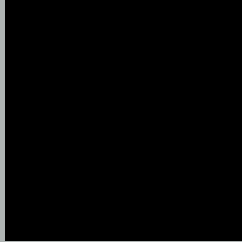
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

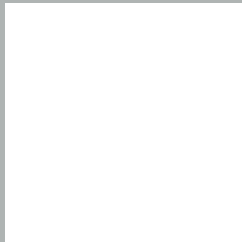
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 73, 1.937, 183.252

Background



This preview shows how black text looks on a background with the CIELCh color 73, 1.937, 183.252.



This preview shows how white text looks on a background with the CIELCh color 73, 1.937, 183.252.

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, 1.937, 183.252

Protanopia

73, 1.500, 19.194

Deuteranopia

73, 9.382, 352.711



Tritanopia
73, 7.612, 288.202

Trichromacy



Original Color
73, 1.937, 183.252

Protanomaly
73, 0.648, 74.763

Deuteranomaly
73, 5.022, 354.189

Tritanomaly
73, 4.466, 276.429

Monochromacy



Original Color
73, 1.937, 183.252

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 0.371, 200.743

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 1.937, 183.252 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, 179)` looks like.

```
.text, #text, p{  
    color:rgb(175, 180, 179)  
}
```

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, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 180, 179) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 1.937, 183.252 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, 179) }
```

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

```
.border{ border-color:rgb(175, 180, 179) }
```

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, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 180, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 180, 179);  
box-shadow:4px 4px 4px 4px rgb(175, 180,  
179) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 1.937, 183.252 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, 179) }
```

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

```
.background{ background-color: rgb(175,  
180, 179) }
```

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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