

Converting Colors

CIELCh(73, 3.875, 253.737)

Have a look what the booklet for
CIELCh(73, 3.875, 253.737) contains.

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Color

CIELCh(73, 3.893, 256.317)

Conversions

Conversions Part 1

Format	Color
Hex	AEB4BA
RGB	174, 180, 186
RGB Percent	68%, 71%, 73%
CMY	0.3178, 0.2943, 0.2707
CMYK	0.06, 0.03, 0.00, 0.27
HSL	210°, 8%, 71%
HSV	210°, 6%, 73%
XYZ	42.6190, 45.1644, 52.9033
YIQ	178.8900, -5.5020, 0.5940

Conversions

Conversions Part 2

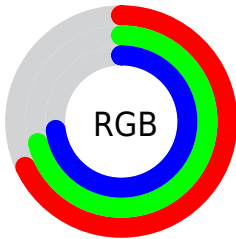
Format	Color
RYB	174, 178, 186
Decimal	11449530
CIELab	73.00, -0.92, -3.78
CIELCh	73, 3.893, 256.317
Yxy	45.1644, 0.3029, 0.3210
Android (android.graphics.Color)	4289639610 (0xFFFAEB4BA)
YUV	178.8900, 3.5052, -4.2885
Hunter-Lab	67.2044, -4.4086, 0.3701

Details

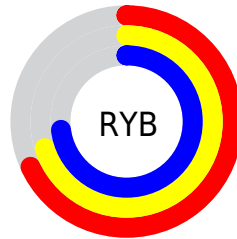
The CIELCh color $73, 3.893, 256.317$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $74, 3.942, 74.531$, and the grayscale version is $73, 0.009, 296.813$.

A 20% lighter version of the original color is $93, 3.910, 251.908$, and $53, 3.942, 261.286$ is the 20% darker color. If you saturate the color by 10%, you get $69, 9.871, 257.679$, and if you desaturate by 10%, it is $77, 2.136, 74.816$.

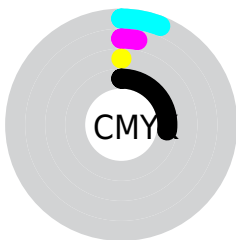
Distribution



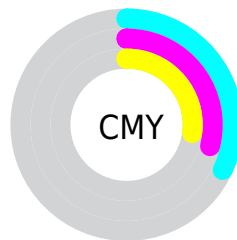
- Red (68%)
- Green (71%)
- Blue (73%)



- Red (68%)
- Yellow (70%)
- Blue (73%)



- Cyan (6%)
- Magenta (3%)
- Yellow (0%)
- Black (27%)



- Cyan (32%)
- Magenta (29%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 3.893, 256.317 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, 3.893, 256.317 by changing the saturation by 10% instead.

■ 73, 3.893, 256.317

■ 73, 3.893, 256.317

■ 100, 3.893,
256.317

■ 63, 3.893, 256.317

■ 93, 3.893, 256.317

■ 53, 3.893, 256.317

■ 43, 3.893, 256.317

■ 33, 3.893, 256.317

■ 23, 3.893, 256.317

■ 13, 3.893, 256.317

■ 3, 3.893, 256.317

■ 0, 3.893, 256.317

■ 73, 3.893, 256.317

■ 73, 3.893, 256.317

69, 9.871, 257.679

77, 2.136, 74.816

65, 15.775,
259.374

81, 8.193, 73.894

62, 21.584,
261.400

85, 14.256, 73.016

58, 27.281,
263.811

89, 20.311, 72.247

54, 32.864,
266.664

94, 26.558, 91.819

51, 38.354,
269.998

96, 30.211,
100.513

47, 43.803,
273.817

98, 34.385,
107.115

44, 49.291,
278.057

99, 34.708,
107.534

41, 54.910,
282.550

Harmonies

Complementary

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



73, 3.893, 256.317



74, 3.942, 74.531

Rectangle

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



73, 3.893, 256.317



73, 3.893, 306.317



73, 3.893, 76.317



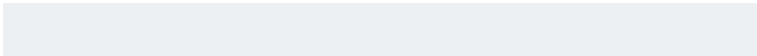
73, 3.893, 126.317

Sweetspot

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



73, 3.892, 256.291



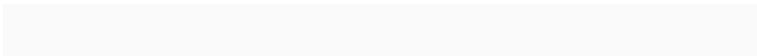
95, 1.504, 255.920



74, 5.596, 162.312



51, 0.862, 255.922



98, 0.011, 296.813



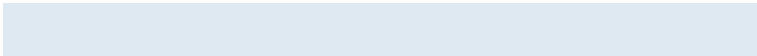
51, 0.007, 296.813

Same Dimension

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



73, 3.892, 256.291



92, 5.977, 256.499



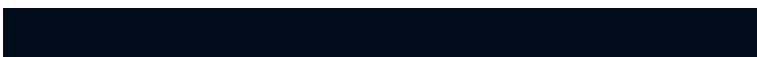
71, 6.439, 290.169



37, 3.377, 256.654



34, 49.251, 283.396



4, 10.211, 267.337

Inverse Universe

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



72, 5.584, 344.096



91, 8.601, 344.253



75, 6.338, 108.880



36, 4.869, 344.363



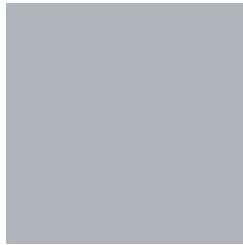
33, 58.652, 1.357



3, 12.210, 350.776

Previews

White Background



This preview shows how the CIE LCh color 73, 3.893, 256.317 looks on a white background.

Color Contrast Check

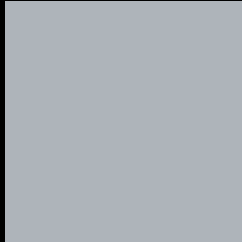
Large Text (above 18pt) WCAG AA × Fail

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, 3.893, 256.317 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

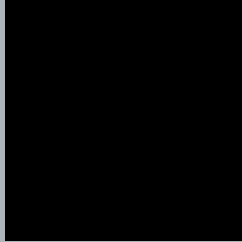
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

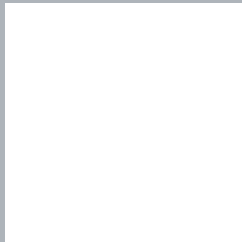
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 73, 3.893, 256.317

Background



This preview shows how black text looks on a background with the CIELCh color 73, 3.893, 256.317.



This preview shows how white text looks on a background with the CIELCh color 73, 3.893, 256.317.

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

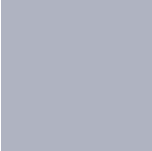
73, 3.893, 256.317

Protanopia

73, 3.889, 301.473

Deuteranopia

73, 10.025, 335.577



Tritanopia
73, 7.712, 280.181

Trichromacy



Original Color
73, 3.893, 256.317

Protanomaly
73, 3.278, 284.077

Deuteranomaly
73, 7.065, 322.223

Tritanomaly
73, 6.123, 277.097

Monochromacy



Original Color
73, 3.893, 256.317

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 1.784, 265.913

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 3.893, 256.317 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(174, 180, 186)` looks like.

```
.text, #text, p{  
    color:rgb(174, 180, 186)  
}
```

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(174, 180, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 180, 186) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 3.893, 256.317 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(174, 180, 186) }
```

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

```
.border{ border-color:rgb(174, 180, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 180, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 180, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 180, 186);  
box-shadow:4px 4px 4px 4px rgb(174, 180,  
186) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 3.893, 256.317 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 180, 186) }
```

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

```
.background{ background-color: rgb(174,  
180, 186) }
```

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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