

Converting Colors

CIELCh(73, 5.374, 272.844)

Have a look what the booklet for
CIELCh(73, 5.374, 272.844) contains.

CIELCh(73, 5.599, 275.700)	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, 5.599, 275.700)

Conversions

Conversions Part 1

Format	Color
Hex	AFB3BD
RGB	175, 179, 189
RGB Percent	69%, 70%, 74%
CMY	0.3128, 0.2971, 0.2579
CMYK	0.07, 0.05, 0.00, 0.26
HSL	223°, 10%, 71%
HSV	223°, 7%, 74%
XYZ	43.1143, 45.1644, 54.7296
YIQ	178.9440, -5.5940, 2.2620

Conversions

Conversions Part 2

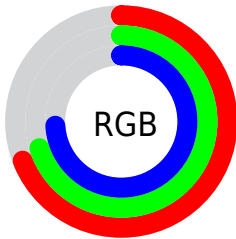
Format	Color
RYB	175, 178, 189
Decimal	11514813
CIELab	73.00, 0.56, -5.57
CIELCh	73, 5.599, 275.700
Yxy	45.1644, 0.3015, 0.3158
Android (android.graphics.Color)	4289704893 (0xFFAFB3BD)
YUV	178.9440, 4.9576, -3.4589
Hunter-Lab	67.2044, -3.0929, -1.2411

Details

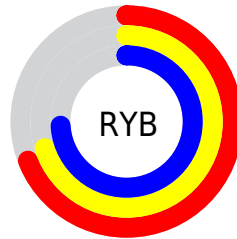
The CIELCh color $73, 5.599, 275.700$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $75, 5.572, 93.815$, and the grayscale version is $73, 0.009, 296.813$.

A 20% lighter version of the original color is $93, 5.326, 275.503$, and $53, 5.883, 279.641$ is the 20% darker color. If you saturate the color by 10%, you get $68, 13.290, 277.081$, and if you desaturate by 10%, it is $78, 1.935, 94.328$.

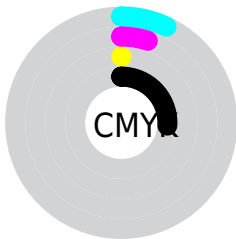
Distribution



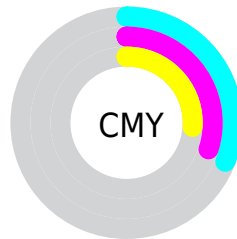
- Red (69%)
- Green (70%)
- Blue (74%)



- Red (69%)
- Yellow (70%)
- Blue (74%)



- Cyan (7%)
- Magenta (5%)
- Yellow (0%)
- Black (26%)



- Cyan (31%)
- Magenta (30%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 5.599, 275.700 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, 5.599, 275.700 by changing the saturation by 10% instead.

■ 73, 5.599, 275.700

■ 73, 5.599, 275.700

■ 100, 5.599,
275.700

■ 63, 5.599, 275.700

■ 93, 5.599, 275.700

■ 53, 5.599, 275.700

■ 43, 5.599, 275.700

■ 33, 5.599, 275.700

■ 23, 5.599, 275.700

■ 13, 5.599, 275.700

■ 3, 5.599, 275.700

■ 0, 5.599, 275.700

■ 73, 5.599, 275.700

■ 73, 5.599, 275.700

68, 13.290,
277.081

78, 1.935, 94.328

63, 21.151,
278.727

83, 9.312, 93.356

88, 16.539, 92.447

58, 29.193,
280.652

93, 23.617, 91.647

53, 37.440,
282.894

97, 29.346,
101.763

48, 45.918,
285.482

99, 33.082,
107.659

43, 54.654,
288.414

39, 63.645,
291.634

35, 72.793,
295.014

31, 81.818,

Harmonies

Complementary

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



73, 5.599, 275.700



75, 5.572, 93.815

Rectangle

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



73, 5.599, 275.700



73, 5.599, 325.700



73, 5.599, 95.700



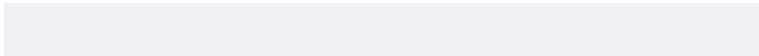
73, 5.599, 145.700

Sweetspot

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



73, 5.598, 275.686



95, 1.862, 275.104



76, 5.638, 175.369



51, 1.058, 275.099



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, 5.598, 275.686



91, 8.404, 275.911



72, 7.715, 298.507



37, 4.284, 275.938



25, 72.617, 298.633



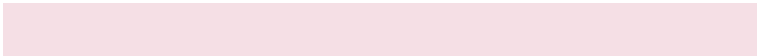
3, 13.986, 280.888

Inverse Universe

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



73, 5.722, 357.554



91, 8.608, 357.743



76, 7.586, 117.501



37, 4.389, 357.765



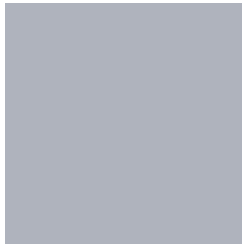
33, 61.515, 21.624



3, 12.795, 3.400

Previews

White Background



This preview shows how the CIELCh color 73, 5.599, 275.700 looks on a white background.

Color Contrast Check

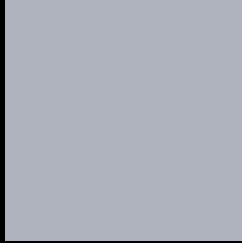
Large Text (above 18pt) WCAG AA × Fail

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, 5.599, 275.700 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

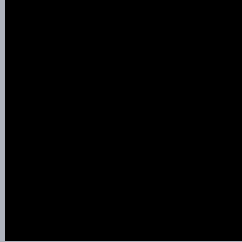
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

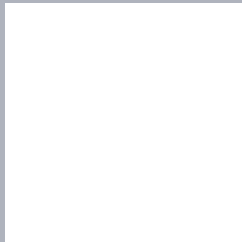
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 73, 5.599, 275.700

Background



This preview shows how black text looks on a background with the CIELCh color 73, 5.599, 275.700.

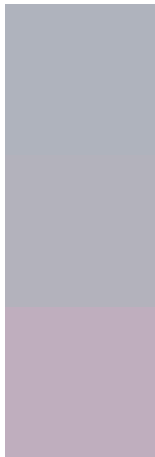


This preview shows how white text looks on a background with the CIELCh color 73, 5.599, 275.700.

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

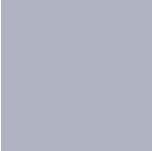
73, 5.599, 275.700

Protanopia

73, 5.455, 294.551

Deuteranopia

73, 10.768, 326.532



Tritanopia
73, 7.660, 282.820

Trichromacy



Original Color
73, 5.599, 275.700

Protanomaly
73, 5.438, 290.713

Deuteranomaly
73, 8.336, 314.180

Tritanomaly
73, 7.124, 282.134

Monochromacy



Original Color
73, 5.599, 275.700

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 2.203, 280.776

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 5.599, 275.700 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, 179, 189)` looks like.

```
.text, #text, p{  
    color:rgb(175, 179, 189)  
}
```

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, 179, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 179, 189) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 5.599, 275.700 is called "border". The border property can be set on classes, ids or directly on the HTML element.

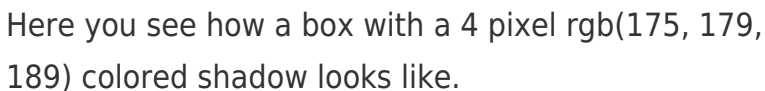
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(175, 179, 189) }
```

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

```
.border{ border-color:rgb(175, 179, 189) }
```

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



Here you see how a box with a 4 pixel `rgb(175, 179, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(175, 179, 189); -webkit-box-shadow:4px 4px 4px 4px rgb(175, 179, 189); box-shadow:4px 4px 4px 4px rgb(175, 179, 189) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 5.599, 275.700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 179, 189) }
```

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

```
.background{ background-color: rgb(175,  
179, 189) }
```

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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