

Converting Colors

CIELCh(73, 9.743, 290.736)

Have a look what the booklet for
CIELCh(73, 9.743, 290.736) contains.

CIELCh(73, 9.780, 291.122)	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, 9.780, 291.122)

Conversions

Conversions Part 1

Format	Color
Hex	B2B2C4
RGB	178, 178, 196
RGB Percent	70%, 70%, 77%
CMY	0.3028, 0.3028, 0.2323
CMYK	0.09, 0.09, 0.00, 0.23
HSL	240°, 13%, 73%
HSV	240°, 9%, 77%
XYZ	44.1214, 45.1644, 58.4791
YIQ	180.0520, -5.7780, 5.5980

Conversions

Conversions Part 2

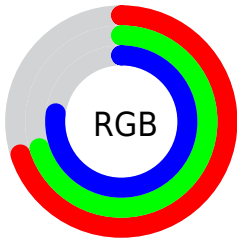
Format	Color
RYB	178, 178, 196
Decimal	11711172
CIELab	73.00, 3.52, -9.12
CIELCh	73, 9.780, 291.122
Yxy	45.1644, 0.2986, 0.3057
Android (android.graphics.Color)	4289901252 (0xFFB2B2C4)
YUV	180.0520, 7.8624, -1.7996
Hunter-Lab	67.2044, -0.4181, -4.5491

Details

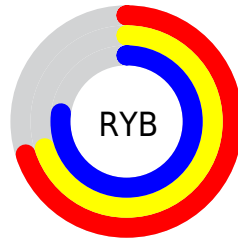
The CIELCh color `73, 9.780, 291.122` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `79, 9.571, 109.288`, and the grayscale version is `73, 0.009, 296.813`.

A 20% lighter version of the original color is `93, 9.811, 290.954`, and `53, 9.850, 291.400` is the 20% darker color. If you saturate the color by 10%, you get `66, 20.828, 292.310`, and if you desaturate by 10%, it is `80, 0.833, 110.019`.

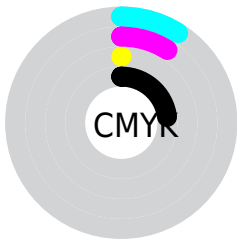
Distribution



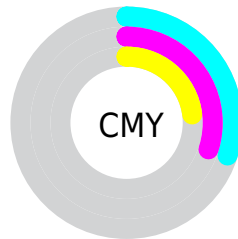
- Red (70%)
- Green (70%)
- Blue (77%)



- Red (70%)
- Yellow (70%)
- Blue (77%)



- Cyan (9%)
- Magenta (9%)
- Yellow (0%)
- Black (23%)



- Cyan (30%)
- Magenta (30%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 9.780, 291.122 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, 9.780, 291.122 by changing the saturation by 10% instead.

■ 73, 9.780, 291.122

■ 73, 9.780, 291.122

■ 100, 9.780,
291.122

■ 63, 9.780, 291.122

■ 93, 9.780, 291.122

■ 53, 9.780, 291.122

■ 43, 9.780, 291.122

■ 33, 9.780, 291.122

■ 23, 9.780, 291.122

■ 13, 9.780, 291.122

■ 3, 9.780, 291.122

■ 0, 9.780, 291.122

■ 73, 9.780, 291.122

■ 73, 9.780, 291.122

66, 20.828,
292.310

80, 0.833, 110.019

60, 32.350,
293.718

86, 11.039,
109.228

53, 44.370,
295.365

93, 20.871,
108.497

47, 56.878,
297.259

99, 29.843,
107.909

40, 69.748,
299.367

34, 82.584,
301.576

29, 94.453,
303.655

26, 103.738,
305.270

24, 109.266,

Harmonies

Complementary

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



73, 9.780, 291.122



79, 9.571, 109.288

Rectangle

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



73, 9.780, 291.122



73, 9.780, 341.122



73, 9.780, 111.122



73, 9.780, 161.122

Sweetspot

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



73, 9.778, 291.117



98, 3.915, 290.487



78, 6.468, 197.562



52, 2.971, 290.564



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



73, 9.778, 291.117



91, 14.558, 291.337



74, 10.305, 308.889



37, 5.983, 291.135



18, 94.716, 306.285



1, 19.477, 291.130

Inverse Universe

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



74, 6.841, 19.894



92, 10.226, 20.051



78, 10.164, 128.086



38, 4.187, 19.907



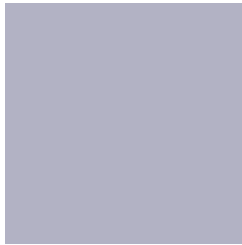
33, 73.721, 39.717



3, 13.999, 19.396

Previews

White Background



This preview shows how the CIELCh color 73, 9.780, 291.122 looks on a white background.

Color Contrast Check

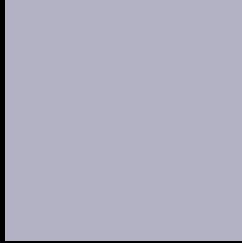
Large Text (above 18pt) WCAG AA × Fail

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, 9.780, 291.122 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

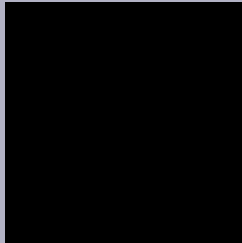
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 73, 9.780, 291.122

Background



This preview shows how black text looks on a background with the CIELCh color 73, 9.780, 291.122.



This preview shows how white text looks on a background with the CIELCh color 73, 9.780, 291.122.

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, 9.780, 291.122

Protanopia

73, 9.781, 289.029

Deuteranopia

73, 13.060, 314.139



Tritanopia
73, 7.612, 288.202

Trichromacy



Original Color
73, 9.780, 291.122

Protanomaly
73, 9.781, 289.029

Deuteranomaly
73, 11.926, 307.049

Tritanomaly
73, 8.154, 288.439

Monochromacy



Original Color
73, 9.780, 291.122

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 3.805, 290.560

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 9.780, 291.122 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(178, 178, 196)` looks like.

```
.text, #text, p{  
    color:rgb(178, 178, 196)  
}
```

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(178, 178, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 178, 196) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 9.780, 291.122 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(178, 178, 196) }
```

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

```
.border{ border-color:rgb(178, 178, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 178, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 178, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 178, 196);  
box-shadow:4px 4px 4px 4px rgb(178, 178,  
196) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 9.780, 291.122 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 178, 196) }
```

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

```
.background{ background-color: rgb(178,  
178, 196) }
```

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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