

Converting Colors

CIELCh(73, 9.961, 278.784)

Have a look what the booklet for
CIELCh(73, 9.961, 278.784) contains.

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Color

CIELCh(73, 9.961, 278.784)

Conversions

Conversions Part 1

Format	Color
Hex	ADB3C5
RGB	173, 179, 197
RGB Percent	68%, 70%, 77%
CMY	0.3215, 0.2980, 0.2274
CMYK	0.12, 0.09, 0.00, 0.23
HSL	225°, 17%, 73%
HSV	225°, 12%, 77%
XYZ	43.4401, 45.1644, 59.2609
YIQ	179.2580, -9.3540, 4.3260

Conversions

Conversions Part 2

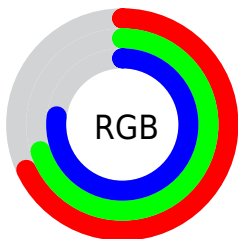
Format	Color
R_{YB}	173, 178, 197
Decimal	11383749
CIE Lab	73.00, 1.52, -9.84
CIE LCh	73, 9.961, 278.784
Yxy	45.1644, 0.2938, 0.3054
Android (android.graphics.Color)	4289573829 (0xFFADB3C5)
YUV	179.2580, 8.7468, -5.4883
Hunter-Lab	67.2044, -2.2277, -5.2388

Details

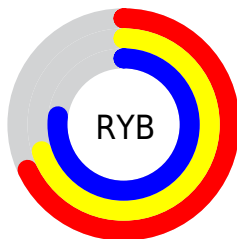
The CIELCh color $73, 9.961, 278.784$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $77, 9.873, 95.773$, and the grayscale version is $73, 0.009, 296.813$.

A 20% lighter version of the original color is $93, 9.978, 279.143$, and $53, 9.976, 280.631$ is the 20% darker color. If you saturate the color by 10%, you get $68, 18.357, 280.261$, and if you desaturate by 10%, it is $78, 1.770, 277.582$.

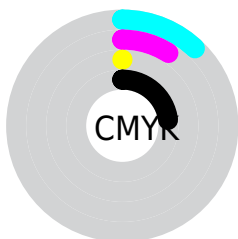
Distribution



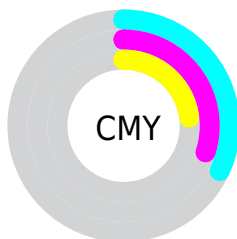
- Red (68%)
- Green (70%)
- Blue (77%)



- Red (68%)
- Yellow (70%)
- Blue (77%)



- Cyan (12%)
- Magenta (9%)
- Yellow (0%)
- Black (23%)



- Cyan (32%)
- Magenta (30%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 9.961, 278.784 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, 9.961, 278.784 by changing the saturation by 10% instead.

■ 73, 9.961, 278.784

■ 73, 9.961, 278.784

■ 100, 9.961,
278.784

■ 63, 9.961, 278.784

■ 93, 9.961, 278.784

■ 53, 9.961, 278.784

■ 43, 9.961, 278.784

■ 33, 9.961, 278.784

■ 23, 9.961, 278.784

■ 13, 9.961, 278.784

■ 3, 9.961, 278.784

■ 0, 9.961, 278.784

■ 73, 9.961, 278.784

■ 73, 9.961, 278.784

68, 18.357,
280.261

78, 1.770, 277.582

62, 26.976,
282.001

84, 6.225, 96.344

57, 35.841,
284.032

89, 14.032, 95.403

52, 44.979,
286.388

94, 21.658, 94.573

47, 54.417,
289.078

98, 28.219,
106.397

42, 64.151,
292.070

37, 74.086,
295.260

33, 83.924,
298.458

30, 91.205,

Harmonies

Complementary

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



73, 9.961, 278.784



77, 9.873, 95.773

Rectangle

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



73, 9.961, 278.784



73, 9.961, 328.784



73, 9.961, 98.784



73, 9.961, 148.784

Sweetspot

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



73, 9.960, 278.777



97, 4.000, 277.760



78, 9.374, 177.241



52, 2.844, 277.845



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, 9.960, 278.777



90, 15.175, 279.204



72, 13.280, 300.100



39, 4.658, 278.405



24, 78.270, 300.315



3, 17.831, 284.262

Inverse Universe

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



73, 9.677, 0.638



90, 14.793, 0.978



79, 12.950, 118.501



39, 4.511, 0.334



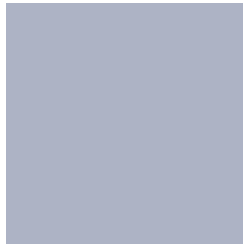
34, 64.239, 24.880



4, 16.335, 6.672

Previews

White Background



This preview shows how the CIELCh color 73, 9.961, 278.784 looks on a white background.

Color Contrast Check

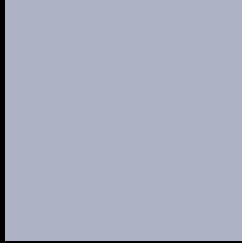
Large Text (above 18pt) WCAG AA × Fail

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, 9.961, 278.784 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

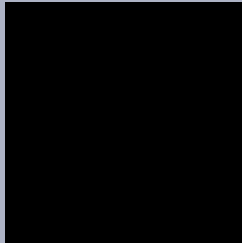
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

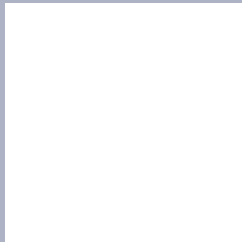
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 73, 9.961, 278.784

Background



This preview shows how black text looks on a background with the CIELCh color 73, 9.961, 278.784.

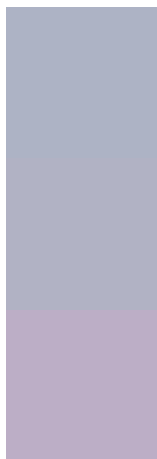


This preview shows how white text looks on a background with the CIELCh color 73, 9.961, 278.784.

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, 9.961, 278.784

Protanopia

73, 9.781, 289.029

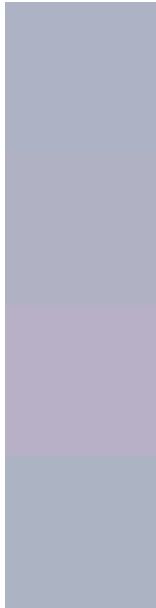
Deuteranopia

73, 14.062, 312.429



Tritanopia
73, 8.061, 270.169

Trichromacy



Original Color
73, 9.961, 278.784

Protanomaly
73, 9.795, 286.944

Deuteranomaly
73, 12.264, 303.122

Tritanomaly
73, 8.567, 271.547

Monochromacy



Original Color
73, 9.961, 278.784

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 3.863, 279.639

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 9.961, 278.784 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(173, 179, 197)` looks like.

```
.text, #text, p{  
    color:rgb(173, 179, 197)  
}
```

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(173, 179, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 179, 197) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 9.961, 278.784 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(173, 179, 197) }
```

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

```
.border{ border-color:rgb(173, 179, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 179, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 179, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 179, 197);  
box-shadow:4px 4px 4px 4px rgb(173, 179,  
197) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 9.961, 278.784 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 179, 197) }
```

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

```
.background{ background-color: rgb(173,  
179, 197) }
```

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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