

Converting Colors

CIELCh(73, 10.503, 290.427)

Have a look what the booklet for
CIELCh(73, 10.503, 290.427)
contains.

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Color

CIELCh(73, 10.324, 289.195)

Conversions

Conversions Part 1

Format	Color
Hex	B1B2C5
RGB	177, 178, 197
RGB Percent	69%, 70%, 77%
CMY	0.3063, 0.3023, 0.2278
CMYK	0.10, 0.10, 0.00, 0.23
HSL	237°, 15%, 73%
HSV	237°, 10%, 77%
XYZ	44.0770, 45.1644, 59.1585
YIQ	179.8670, -6.6950, 5.6970

Conversions

Conversions Part 2

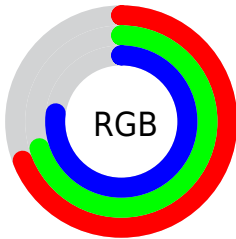
Format	Color
R_{YB}	177, 178, 197
Decimal	11645637
CIE _{Lab}	73.00, 3.39, -9.75
CIE _{LCh}	73, 10.324, 289.195
Yxy	45.1644, 0.2970, 0.3043
Android (android.graphics.Color)	4289835717 (0xFFB1B2C5)
YUV	179.8670, 8.4466, -2.5144
Hunter-Lab	67.2044, -0.5360, -5.1485

Details

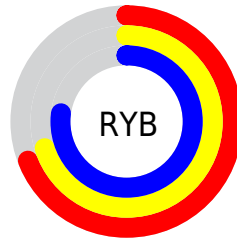
The CIELCh color $73, 10.324, 289.195$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $79, 10.106, 107.081$, and the grayscale version is $73, 0.009, 296.813$.

A 20% lighter version of the original color is $93, 10.327, 289.098$, and $53, 10.429, 289.413$ is the 20% darker color. If you saturate the color by 10%, you get $67, 20.877, 290.441$, and if you desaturate by 10%, it is $79, 0.165, 288.618$.

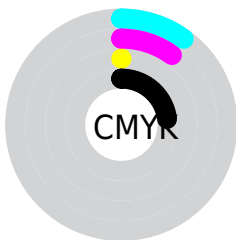
Distribution



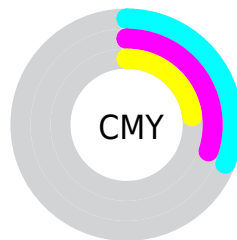
- Red (69%)
- Green (70%)
- Blue (77%)



- Red (69%)
- Yellow (70%)
- Blue (77%)



- Cyan (10%)
- Magenta (10%)
- Yellow (0%)
- Black (23%)





- Cyan (31%)
- Magenta (30%)
- Yellow (23%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 10.324, 289.195 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, 10.324, 289.195 by changing the saturation by 10% instead.


 73, 10.324,
289.195


 73, 10.324,
289.195


 100, 10.324,
289.195


 63, 10.324,
289.195


 93, 10.324,
289.195

 53, 10.324,
289.195

 43, 10.324,
289.195

 33, 10.324,
289.195

 23, 10.324,
289.195

 13, 10.324,
289.195

 3, 10.324, 289.195

0, 10.324, 289.195

73, 10.324,
289.195

73, 10.324,
289.195

67, 20.877,
290.441

79, 0.165, 288.618

86, 9.624, 107.195

60, 31.863,
291.915

92, 19.073,
106.420

54, 43.309,
293.638

98, 28.196,
106.264

47, 55.220,
295.624

99, 29.279,
107.952

41, 67.520,
297.850

36, 79.927,
300.223

■ 31, 91.733,
302.541

■ 27, 101.615,
304.498

■ 24, 107.946,
305.731

Harmonies

Complementary

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



73, 10.324, 289.195



79, 10.106, 107.081

Rectangle

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



73, 10.324, 289.195



73, 10.324, 339.195



73, 10.324, 109.195



73, 10.324, 159.195

Sweetspot

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



73, 10.322, 289.190



98, 3.719, 288.432



78, 7.223, 193.237



52, 2.822, 288.511



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, 10.322, 289.190



91, 15.101, 289.427



73, 11.348, 307.188



39, 5.803, 289.102



19, 93.430, 305.588



1, 20.747, 290.460

Inverse Universe

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



74, 7.629, 15.934



92, 11.200, 16.118



78, 11.164, 126.238



39, 4.283, 15.865



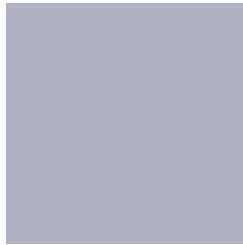
34, 72.653, 37.717



3, 15.911, 16.805

Previews

White Background



This preview shows how the CIELCh color 73, 10.324, 289.195 looks on a white background.

Color Contrast Check

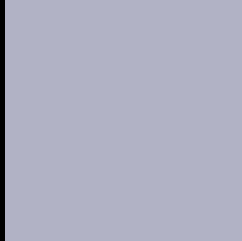
Large Text (above 18pt) WCAG AA × Fail

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, 10.324, 289.195 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

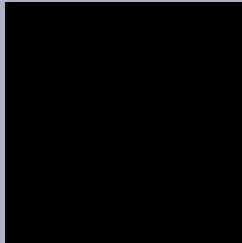
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

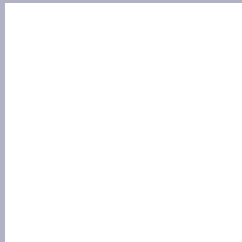
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 73, 10.324, 289.195

Background



This preview shows how black text looks on a background with the CIELCh color 73, 10.324, 289.195.



This preview shows how white text looks on a background with the CIELCh color 73, 10.324, 289.195.

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

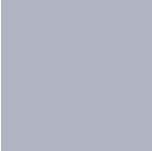
73, 10.324, 289.195

Protanopia

73, 10.324, 289.195

Deuteranopia

73, 14.062, 312.429



Tritanopia
73, 7.660, 282.820

Trichromacy



Original Color
73, 10.324, 289.195

Protanomaly
73, 10.324, 289.195

Deuteranomaly
73, 12.973, 305.778

Tritanomaly
73, 8.197, 283.422

Monochromacy



Original Color
73, 10.324, 289.195

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, 10.324, 289.195 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(177, 178, 197)` looks like.

```
.text, #text, p{  
    color:rgb(177, 178, 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(177, 178, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 178, 197) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 10.324, 289.195 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(177, 178, 197) }
```

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

```
.border{ border-color:rgb(177, 178, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 178, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 178, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 178, 197);  
box-shadow:4px 4px 4px 4px rgb(177, 178,  
197) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 10.324, 289.195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 178, 197) }
```

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

```
.background{ background-color: rgb(177,  
178, 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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