

Converting Colors

CIELCh(73, 15.780, 287.906)

Have a look what the booklet for
CIELCh(73, 15.780, 287.906)
contains.

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Color

CIELCh(73, 15.780, 287.906)

Conversions

Conversions Part 1

Format	Color
Hex	AEB1CE
RGB	174, 177, 206
RGB Percent	68%, 69%, 81%
CMY	0.3158, 0.3040, 0.1902
CMYK	0.16, 0.14, 0.00, 0.19
HSL	234°, 25%, 75%
HSV	234°, 16%, 81%
XYZ	44.5768, 45.1644, 65.0715
YIQ	179.4090, -11.0970, 8.3830

Conversions

Conversions Part 2

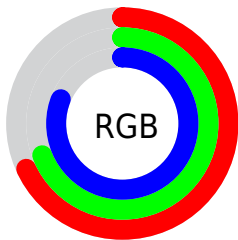
Format	Color
RYB	174, 177, 206
Decimal	11448782
CIELab	73.00, 4.85, -15.02
CIELCh	73, 15.780, 287.906
Yxy	45.1644, 0.2879, 0.2917
Android (android.graphics.Color)	4289638862 (0xFFFAEB1CE)
YUV	179.4090, 13.1094, -4.7437
Hunter-Lab	67.2044, 0.7915, -10.3651

Details

The CIELCh color $73, 15.780, 287.906$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $81, 15.342, 104.487$, and the grayscale version is $73, 0.009, 296.813$.

A 20% lighter version of the original color is $93, 11.396, 285.944$, and $53, 15.670, 286.812$ is the 20% darker color. If you saturate the color by 10%, you get $67, 26.438, 289.314$, and if you desaturate by 10%, it is $79, 5.507, 286.711$.

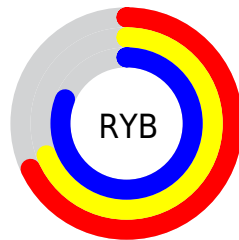
Distribution



Red (68%)

Green (69%)

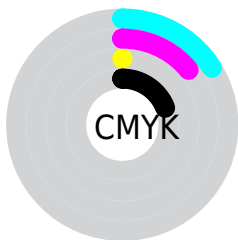
Blue (81%)



Red (68%)

Yellow (69%)

Blue (81%)

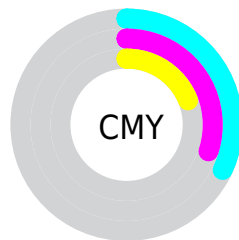


Cyan (16%)

Magenta (14%)

Yellow (0%)

Black (19%)



Cyan (32%)


Magenta (30%)


Yellow (19%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 15.780, 287.906 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, 15.780, 287.906 by changing the saturation by 10% instead.


 73, 15.780,
287.906


 73, 15.780,
287.906


 100, 15.780,
287.906


 63, 15.780,
287.906


 93, 15.780,
287.906

 53, 15.780,
287.906

 43, 15.780,
287.906

 33, 15.780,
287.906

 23, 15.780,
287.906

 13, 15.780,
287.906

 3, 15.780, 287.906

0, 15.780, 287.906

73, 15.780,
287.906

73, 15.780,
287.906

67, 26.438,
289.314

79, 5.507, 286.711

86, 4.405, 105.639

60, 37.520,
290.970

92, 13.984,
104.775

54, 49.052,
292.898

98, 23.210,
105.935

47, 61.030,
295.102

99, 24.489,
108.320

41, 73.351,
297.542

36, 85.672,
300.095

■ 31, 97.189,
302.531

■ 28, 106.531,
304.535

■ 27, 109.661,
305.178

Harmonies

Complementary

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



73, 15.780, 287.906



81, 15.342, 104.487

Rectangle

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



73, 15.780, 287.906



73, 15.780, 337.906



73, 15.780, 107.906



73, 15.780, 157.906

Sweetspot

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



73, 15.778, 287.903



96, 5.935, 286.663



81, 11.427, 190.002



51, 4.053, 286.740



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, 15.778, 287.903



86, 23.105, 288.403



73, 18.053, 306.307



40, 5.656, 287.148



20, 92.338, 304.938



2, 21.994, 290.074

Inverse Universe

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



74, 12.379, 12.972



87, 18.225, 13.374



81, 17.596, 124.737



40, 4.395, 12.359



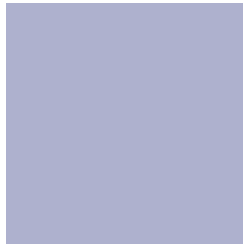
34, 71.789, 35.792



4, 17.988, 14.795

Previews

White Background



This preview shows how the CIELCh color 73, 15.780, 287.906 looks on a white background.

Color Contrast Check

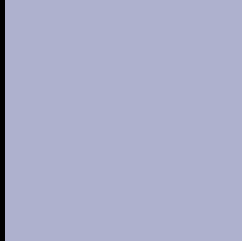
Large Text (above 18pt) WCAG AA × Fail

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, 15.780, 287.906 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

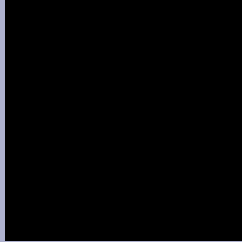
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 73, 15.780, 287.906

Background



This preview shows how black text looks on a background with the CIELCh color 73, 15.780, 287.906.



This preview shows how white text looks on a background with the CIELCh color 73, 15.780, 287.906.

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, 15.780, 287.906

Protanopia

73, 15.783, 286.647

Deuteranopia

73, 17.681, 300.955



Tritanopia
73, 8.061, 270.169

Trichromacy



Original Color
73, 15.780, 287.906

Protanomaly
73, 15.783, 286.647

Deuteranomaly
73, 16.942, 296.514

Tritanomaly
73, 11.021, 280.143

Monochromacy



Original Color
73, 15.780, 287.906

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 5.980, 287.281

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 15.780, 287.906 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, 177, 206)` looks like.

```
.text, #text, p{  
    color:rgb(174, 177, 206)  
}
```

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, 177, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 177, 206) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 15.780, 287.906 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, 177, 206) }
```

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

```
.border{ border-color:rgb(174, 177, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 177, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 177, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 177, 206);  
box-shadow:4px 4px 4px 4px rgb(174, 177,  
206) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 15.780, 287.906 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 177, 206) }
```

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

```
.background{ background-color: rgb(174,  
177, 206) }
```

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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