

Converting Colors

CIELCh(73, 18.216, 272.421)

Have a look what the booklet for
CIELCh(73, 18.216, 272.421)
contains.

CIELCh(73, 18.219, 272.440)	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, 18.219, 272.440)

Conversions

Conversions Part 1

Format	Color
Hex	A2B4D4
RGB	162, 180, 212
RGB Percent	64%, 71%, 83%
CMY	0.3641, 0.2935, 0.1680
CMYK	0.24, 0.15, 0.00, 0.17
HSL	218°, 37%, 73%
HSV	218°, 24%, 83%
XYZ	43.1883, 45.1644, 68.8347
YIQ	178.2660, -21.0000, 6.1360

Conversions

Conversions Part 2

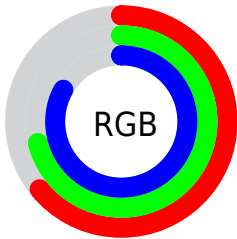
Format	Color
RYB	162, 175, 212
Decimal	10663124
CIELab	73.00, 0.78, -18.20
CIELCh	73, 18.219, 272.440
Yxy	45.1644, 0.2748, 0.2873
Android (android.graphics.Color)	4288853204 (0xFFA2B4D4)
YUV	178.2660, 16.6309, -14.2653
Hunter-Lab	67.2044, -2.8965, -13.6851

Details

The CIELCh color **73, 18.219, 272.440** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **79, 18.459, 85.895**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 11.564, 257.512**, and **53, 18.231, 272.360** is the 20% darker color. If you saturate the color by 10%, you get **68, 26.105, 274.351**, and if you desaturate by 10%, it is **78, 10.427, 270.811**.

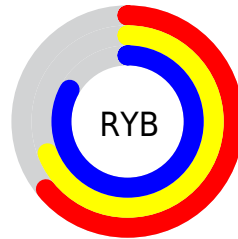
Distribution



Red (64%)

Green (71%)

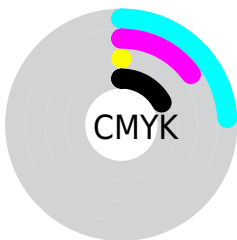
Blue (83%)



Red (64%)

Yellow (69%)

Blue (83%)

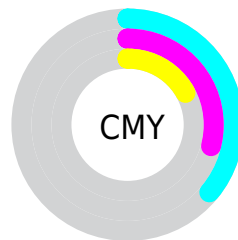


Cyan (24%)

Magenta (15%)

Yellow (0%)

Black (17%)



Cyan (36%)


Magenta (29%)


Yellow (17%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 18.219, 272.440 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, 18.219, 272.440 by changing the saturation by 10% instead.

 73, 18.219,
272.440


 73, 18.219,
272.440


 100, 18.219,
272.440


 63, 18.219,
272.440


 93, 18.219,
272.440


 53, 18.219,
272.440

 43, 18.219,
272.440

 33, 18.219,
272.440

 23, 18.219,
272.440

 13, 18.219,
272.440

 3, 18.219, 272.440

0, 18.219, 272.440

73, 18.219,
272.440

73, 18.219,
272.440

68, 26.105,
274.351

78, 10.427,
270.811

63, 34.097,
276.594

83, 2.732, 269.482

58, 42.215,
279.209

88, 4.865, 88.121

93, 12.359, 87.111

53, 50.495,
282.216

97, 18.407,
100.691

49, 58.980,
285.598

99, 21.643,
108.538

44, 67.694,
289.271

■ 40, 76.584,
293.067

■ 38, 82.324,
295.398

Harmonies

Complementary

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



73, 18.219, 272.440



79, 18.459, 85.895

Rectangle

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



73, 18.219, 272.440



73, 18.219, 322.440



73, 18.219, 92.440



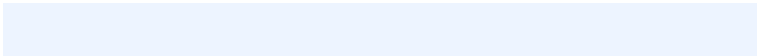
73, 18.219, 142.440

Sweetspot

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



73, 18.218, 272.437



96, 6.224, 269.900



81, 20.310, 169.266



51, 4.045, 269.980



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, 18.218, 272.437



84, 25.197, 273.303



69, 27.679, 297.538



42, 4.386, 270.215



30, 68.951, 294.816



5, 20.587, 282.940

Inverse Universe

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



72, 21.349, 354.327



82, 29.613, 354.918



83, 26.235, 113.597



42, 5.068, 352.759



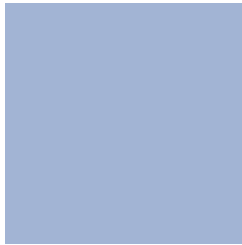
36, 63.362, 15.174



5, 22.515, 3.004

Previews

White Background



This preview shows how the CIELCh color 73, 18.219, 272.440 looks on a white background.

Color Contrast Check

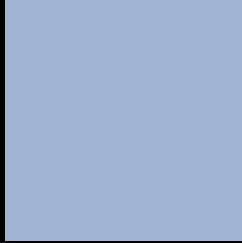
Large Text (above 18pt) WCAG AA × Fail

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, 18.219, 272.440 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

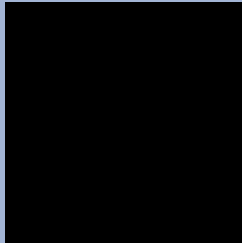
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 73, 18.219, 272.440

Background



This preview shows how black text looks on a background with the CIELCh color 73, 18.219, 272.440.



This preview shows how white text looks on a background with the CIELCh color 73, 18.219, 272.440.

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, 18.219, 272.440

Protanopia

73, 17.983, 286.428

Deuteranopia

73, 20.749, 295.939



Tritanopia
73, 11.118, 242.246

Trichromacy



Original Color
73, 18.219, 272.440

Protanomaly
73, 18.164, 281.107

Deuteranomaly
73, 19.582, 288.054

Tritanomaly
73, 13.473, 257.194

Monochromacy



Original Color
73, 18.219, 272.440

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 6.442, 267.717

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 18.219, 272.440 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(162, 180, 212)` looks like.

```
.text, #text, p{  
    color:rgb(162, 180, 212)  
}
```

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(162, 180, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 180, 212) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 18.219, 272.440 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(162, 180, 212) }
```

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

```
.border{ border-color:rgb(162, 180, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 180, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 180, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 180, 212);  
box-shadow:4px 4px 4px 4px rgb(162, 180,  
212) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 18.219, 272.440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 180, 212) }
```

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

```
.background{ background-color: rgb(162,  
180, 212) }
```

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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