

Converting Colors

CIELCh(72, 16.348, 274.133)

Have a look what the booklet for
CIELCh(72, 16.348, 274.133)
contains.

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Color

CIELCh(72, 16.366, 274.720)

Conversions

Conversions Part 1

Format	Color
Hex	A3B1CE
RGB	163, 177, 206
RGB Percent	64%, 69%, 81%
CMY	0.3610, 0.3061, 0.1924
CMYK	0.21, 0.14, 0.00, 0.19
HSL	220°, 30%, 72%
HSV	220°, 21%, 81%
XYZ	41.9402, 43.6590, 64.5753
YIQ	176.1200, -17.6530, 6.0510

Conversions

Conversions Part 2

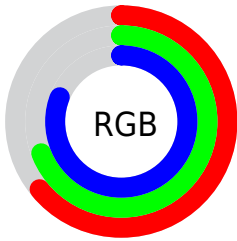
Format	Color
R_{YB}	163, 174, 206
Decimal	10727886
CIE _{Lab}	72.00, 1.35, -16.31
CIE _{LCh}	72, 16.366, 274.720
Yxy	43.6590, 0.2793, 0.2907
Android (android.graphics.Color)	4288917966 (0xFFA3B1CE)
YUV	176.1200, 14.7308, -11.5062
Hunter-Lab	66.0750, -2.3309, -11.6918

Details

The CIELCh color $72, 16.366, 274.720$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $78, 16.408, 89.096$, and the grayscale version is $72, 0.009, 296.813$.

A 20% lighter version of the original color is $92, 12.333, 266.994$, and $52, 16.272, 274.436$ is the 20% darker color. If you saturate the color by 10%, you get $67, 24.407, 276.512$, and if you desaturate by 10%, it is $77, 8.459, 273.191$.

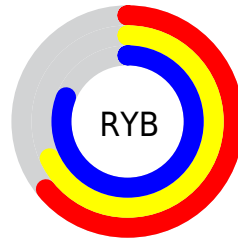
Distribution



Red (64%)

Green (69%)

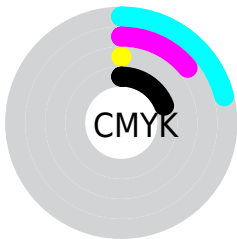
Blue (81%)



Red (64%)

Yellow (68%)

Blue (81%)

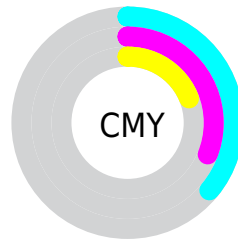


Cyan (21%)

Magenta (14%)

Yellow (0%)

Black (19%)



Cyan (36%)


Magenta (31%)


Yellow (19%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 16.366, 274.720 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 72, 16.366, 274.720 by changing the saturation by 10% instead.


 72, 16.366,
274.720


 72, 16.366,
274.720


 100, 16.366,
274.720


 62, 16.366,
274.720


 92, 16.366,
274.720

 52, 16.366,
274.720

 42, 16.366,
274.720

 32, 16.366,
274.720

 22, 16.366,
274.720

 12, 16.366,
274.720

 2, 16.366, 274.720

0, 16.366, 274.720

72, 16.366,
274.720

72, 16.366,
274.720

67, 24.407,
276.512

77, 8.459, 273.191

62, 32.598,
278.614

82, 0.685, 272.193

57, 40.959,
281.062

87, 6.959, 90.666

52, 49.522,
283.882

93, 14.472, 89.694

47, 58.323,
287.063

97, 20.808, 99.645

43, 67.369,
290.533

99, 24.760,
108.300

■ 38, 76.579,
294.140

■ 35, 84.931,
297.290

Harmonies

Complementary

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



72, 16.366, 274.720



78, 16.408, 89.096

Rectangle

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



72, 16.366, 274.720



72, 16.366, 324.720



72, 16.366, 94.720



72, 16.366, 144.720

Sweetspot

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



72, 16.365, 274.717



96, 5.532, 272.554



79, 17.207, 171.725



51, 3.671, 272.637



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



72, 16.365, 274.717



85, 23.392, 275.477



69, 23.852, 298.431



40, 4.373, 272.986



28, 71.111, 296.728



4, 18.326, 282.374

Inverse Universe

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



71, 18.084, 356.311



84, 25.930, 356.856



81, 22.781, 115.196



40, 4.777, 355.033



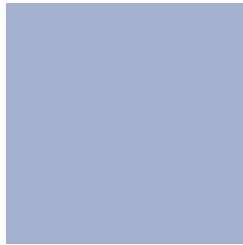
35, 62.660, 18.258



4, 18.666, 3.596

Previews

White Background



This preview shows how the CIELCh color 72, 16.366, 274.720 looks on a white background.

Color Contrast Check

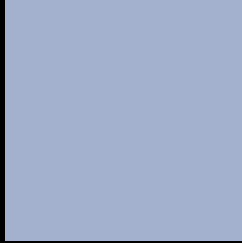
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 72, 16.366, 274.720 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

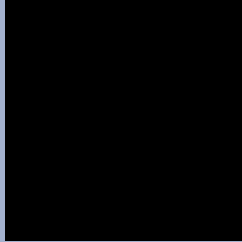
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

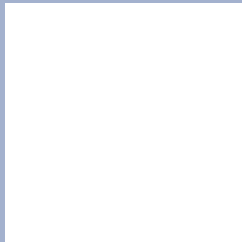
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 72, 16.366, 274.720

Background



This preview shows how black text looks on a background with the CIELCh color 72, 16.366, 274.720.



This preview shows how white text looks on a background with the CIELCh color 72, 16.366, 274.720.

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

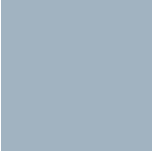
72, 16.366, 274.720

Protanopia

72, 16.374, 286.907

Deuteranopia

72, 19.299, 299.265



Tritanopia
72, 9.778, 250.522

Trichromacy



Original Color
72, 16.366, 274.720

Protanomaly
72, 15.965, 281.754

Deuteranomaly
72, 17.987, 290.815

Tritanomaly
72, 12.092, 263.808

Monochromacy



Original Color
72, 16.366, 274.720

Achromatopsia
72, 0.009, 296.813

Achromatomaly
72, 6.230, 273.875

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 16.366, 274.720 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(163, 177, 206)` looks like.

```
.text, #text, p{  
    color:rgb(163, 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(163, 177, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 177, 206) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 16.366, 274.720 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(163, 177, 206) }
```

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

```
.border{ border-color:rgb(163, 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(163, 177, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 177, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 177, 206);  
box-shadow:4px 4px 4px 4px rgb(163, 177,  
206) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 16.366, 274.720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 177, 206) }
```

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

```
.background{ background-color: rgb(163,  
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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