

Converting Colors

CIELCh(73, 16.121, 270.607)

Have a look what the booklet for
CIELCh(73, 16.121, 270.607)
contains.

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Color

CIELCh(73, 16.106, 270.590)

Conversions

Conversions Part 1

Format	Color
Hex	A3B4D0
RGB	163, 180, 208
RGB Percent	64%, 71%, 82%
CMY	0.3595, 0.2928, 0.1830
CMYK	0.22, 0.13, 0.00, 0.18
HSL	217°, 33%, 73%
HSV	217°, 22%, 82%
XYZ	42.9831, 45.1644, 66.3422
YIQ	178.1090, -19.1200, 5.1040

Conversions

Conversions Part 2

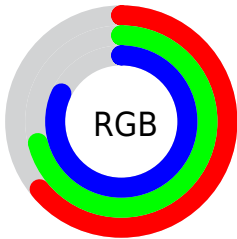
Format	Color
RYB	163, 175, 208
Decimal	10728656
CIELab	73.00, 0.17, -16.11
CIElCh	73, 16.106, 270.590
Yxy	45.1644, 0.2782, 0.2923
Android (android.graphics.Color)	4288918736 (0xFFA3B4D0)
YUV	178.1090, 14.7363, -13.2506
Hunter-Lab	67.2044, -3.4415, -11.4862

Details

The CIELCh color $73, 16.106, 270.590$ is a light color, and the websafe version is hex $99CCFF$. A complement of this color would be $78, 16.380, 84.616$, and the grayscale version is $73, 0.009, 296.813$.

A 20% lighter version of the original color is $93, 11.395, 258.918$, and $53, 16.425, 272.099$ is the 20% darker color. If you saturate the color by 10%, you get $68, 23.669, 272.452$, and if you desaturate by 10%, it is $78, 8.612, 269.005$.

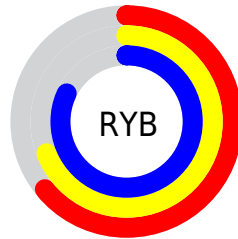
Distribution



Red (64%)

Green (71%)

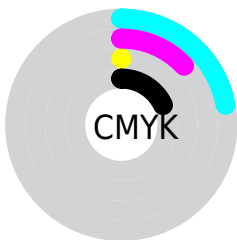
Blue (82%)



Red (64%)

Yellow (69%)

Blue (82%)

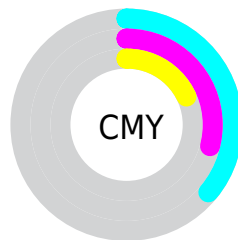


Cyan (22%)

Magenta (13%)

Yellow (0%)

Black (18%)



Cyan (36%)


Magenta (29%)


Yellow (18%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 16.106, 270.590 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, 16.106, 270.590 by changing the saturation by 10% instead.


 73, 16.106,
270.590


 73, 16.106,
270.590


 100, 16.106,
270.590


 63, 16.106,
270.590


 93, 16.106,
270.590

 53, 16.106,
270.590

 43, 16.106,
270.590

 33, 16.106,
270.590

 23, 16.106,
270.590

 13, 16.106,
270.590

 3, 16.106, 270.590

■ 0, 16.106, 270.590

■ 73, 16.106,
270.590

■ 73, 16.106,
270.590

■ 68, 23.669,
272.452

■ 78, 8.612, 269.005

■ 63, 31.307,
274.644

■ 83, 1.192, 267.841

■ 59, 39.035,
277.205

■ 88, 6.147, 86.383

■ 54, 46.882,
280.165

■ 93, 13.399, 85.389

■ 49, 54.895,
283.521

■ 97, 19.089, 97.569

■ 45, 63.114,
287.207

■ 99, 23.564,
108.391

■ 41, 71.537,
291.081

■ 38, 78.700,
294.242

Harmonies

Complementary

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



73, 16.106, 270.590



78, 16.380, 84.616

Rectangle

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



73, 16.106, 270.590



73, 16.106, 320.590



73, 16.106, 90.590



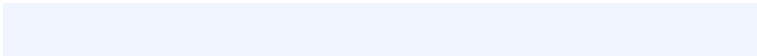
73, 16.106, 140.590

Sweetspot

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



73, 16.105, 270.586



97, 5.236, 268.252



80, 18.602, 168.429



51, 3.473, 268.336



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, 16.105, 270.586



85, 22.885, 271.425



69, 24.880, 296.741



41, 4.219, 268.694



31, 66.079, 293.640



5, 18.818, 280.879

Inverse Universe

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



72, 19.409, 352.928



83, 27.675, 353.488



82, 23.688, 113.051



41, 5.019, 351.612



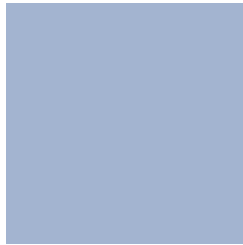
35, 62.357, 13.408



5, 20.860, 1.396

Previews

White Background



This preview shows how the CIELCh color 73, 16.106, 270.590 looks on a white background.

Color Contrast Check

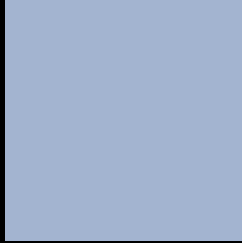
Large Text (above 18pt) WCAG AA × Fail

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, 16.106, 270.590 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

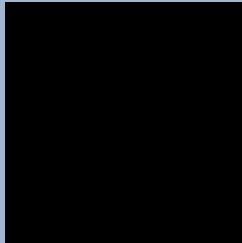
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 73, 16.106, 270.590

Background



This preview shows how black text looks on a background with the CIELCh color 73, 16.106, 270.590.



This preview shows how white text looks on a background with the CIELCh color 73, 16.106, 270.590.

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

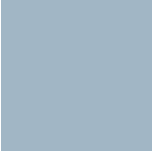
73, 16.106, 270.590

Protanopia

73, 15.780, 287.906

Deuteranopia

73, 18.701, 299.425



Tritanopia
73, 10.795, 248.228

Trichromacy



Original Color
73, 16.106, 270.590

Protanomaly
73, 15.932, 281.730

Deuteranomaly
73, 17.393, 289.566

Tritanomaly
73, 12.528, 259.587

Monochromacy



Original Color
73, 16.106, 270.590

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 5.813, 268.798

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 16.106, 270.590 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, 180, 208)` looks like.

```
.text, #text, p{  
    color:rgb(163, 180, 208)  
}
```

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, 180, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 180, 208) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 16.106, 270.590 is called "border". The border property can be set on classes, ids or directly on the HTML element.

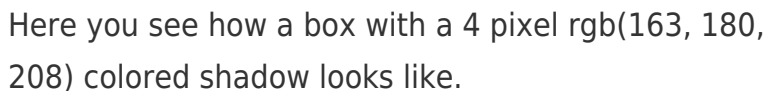
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(163, 180, 208) }
```

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

```
.border{ border-color:rgb(163, 180, 208) }
```

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



Here you see how a box with a 4 pixel `rgb(163, 180, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(163, 180, 208); -webkit-box-shadow:4px 4px 4px 4px rgb(163, 180, 208); box-shadow:4px 4px 4px 4px rgb(163, 180, 208) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 16.106, 270.590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 180, 208) }
```

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

```
.background{ background-color: rgb(163,  
180, 208) }
```

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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