

Converting Colors

CIE LCh(73, 16.005, 251.199)

Have a look what the booklet for
CIELCh(73, 16.005, 251.199)
contains.

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Color

CIELCh(73, 15.971, 250.660)

Conversions

Conversions Part 1

Format	Color
Hex	98B7CE
RGB	152, 183, 206
RGB Percent	60%, 72%, 81%
CMY	0.4028, 0.2812, 0.1910
CMYK	0.26, 0.11, 0.00, 0.19
HSL	206°, 36%, 70%
HSV	206°, 26%, 81%
XYZ	41.1762, 45.1644, 65.1342
YIQ	176.3530, -25.8590, 0.5810

Conversions

Conversions Part 2

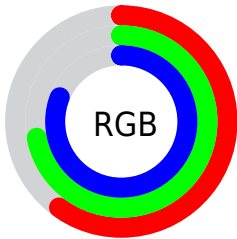
Format	Color
R_{YB}	152, 172, 206
Decimal	10008526
CIE _{Lab}	73.00, -5.29, -15.07
CIE _{LCh}	73, 15.971, 250.660
Yxy	45.1644, 0.2718, 0.2982
Android (android.graphics.Color)	4288198606 (0xFF98B7CE)
YUV	176.3530, 14.6160, -21.3576
Hunter-Lab	67.2044, -8.2408, -10.4205

Details

The CIELCh color `73, 15.971, 250.660` is a light color, and the websafe version is hex `99CCCC`. A complement of this color would be `74, 17.733, 64.151`, and the grayscale version is `72, 0.009, 296.813`.

A 20% lighter version of the original color is `93, 13.252, 237.630`, and `53, 16.052, 251.658` is the 20% darker color. If you saturate the color by 10%, you get `69, 21.723, 252.584`, and if you desaturate by 10%, it is `77, 10.005, 249.072`.

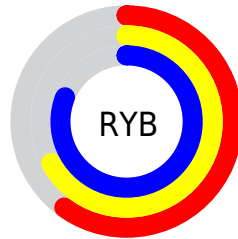
Distribution



Red (60%)

Green (72%)

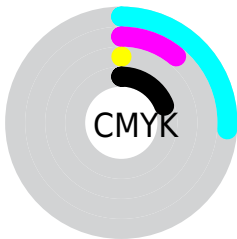
Blue (81%)



Red (60%)

Yellow (67%)

Blue (81%)

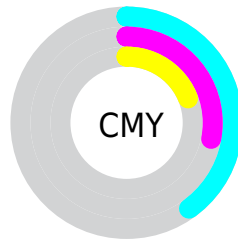


Cyan (26%)

Magenta (11%)

Yellow (0%)

Black (19%)



Cyan (40%)


Magenta (28%)


Yellow (19%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 15.971, 250.660 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, 15.971, 250.660 by changing the saturation by 10% instead.


 73, 15.971,
250.660

 73, 15.971,
250.660


 100, 15.971,
250.660


 63, 15.971,
250.660


 93, 15.971,
250.660

 53, 15.971,
250.660

 43, 15.971,
250.660

 33, 15.971,
250.660

 23, 15.971,
250.660

 13, 15.971,
250.660

 3, 15.971, 250.660

■ 0, 15.971, 250.660

■ 73, 15.971,
250.660

■ 73, 15.971,
250.660

■ 69, 21.723,
252.584

■ 77, 10.005,
249.072

■ 66, 27.226,
254.922

■ 81, 3.867, 247.816

■ 62, 32.459,
257.741

■ 84, 2.401, 66.417

■ 88, 8.764, 65.623

■ 59, 37.427,
261.102

■ 92, 15.067, 65.320

■ 56, 42.177,
265.034

■ 94, 16.833, 83.857

■ 96, 19.965, 97.599

■ 53, 46.805,
269.501

■ 99, 23.905,

■ 50, 51.450,
274.362

107.100

■ 49, 53.285,
276.178

■ 99, 24.581,
108.313

Harmonies

Complementary

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



73, 15.971, 250.660



74, 17.733, 64.151

Rectangle

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



73, 15.971, 250.660



73, 15.971, 300.660



73, 15.971, 70.660



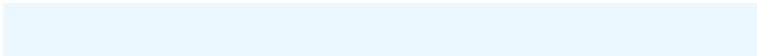
73, 15.971, 120.660

Sweetspot

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



73, 15.970, 250.656



96, 5.932, 248.025



79, 25.956, 157.184



51, 4.208, 248.204



0, 0.000, 0.000



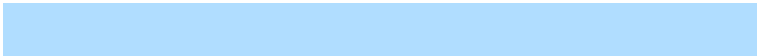
53, 0.007, 296.813

Same Dimension

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



73, 15.970, 250.656



86, 22.281, 251.612



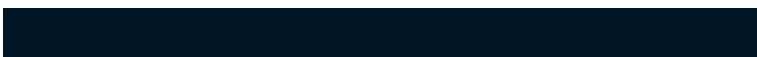
66, 27.475, 289.886



41, 3.504, 248.176



40, 44.677, 275.344



6, 13.794, 263.450

Inverse Universe

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



69, 26.341, 342.039



80, 37.073, 342.546



81, 26.112, 103.872



40, 5.588, 340.552



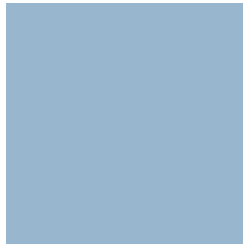
36, 62.714, 354.864



4, 20.767, 348.818

Previews

White Background



This preview shows how the CIELCh color 73, 15.971, 250.660 looks on a white background.

Color Contrast Check

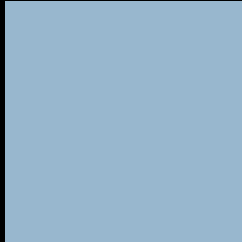
Large Text (above 18pt) WCAG AA × Fail

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 73, 15.971, 250.660 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

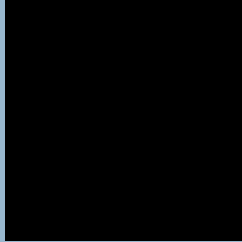
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

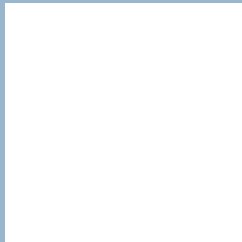
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 73, 15.971, 250.660

Background



This preview shows how black text looks on a background with the CIELCh color 73, 15.971, 250.660.



This preview shows how white text looks on a background with the CIELCh color 73, 15.971, 250.660.

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](#).

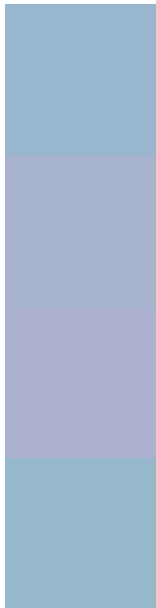
Dichromacy





Tritanopia
73, 13.677, 235.462

Trichromacy



Original Color
73, 15.971, 250.660

Protanomaly
73, 14.097, 274.372

Deuteranomaly
73, 16.398, 284.497

Tritanomaly
73, 14.590, 241.051

Monochromacy



Original Color
73, 15.971, 250.660

Achromatopsia
72, 0.009, 296.813

Achromatomaly
72, 6.229, 251.186

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 15.971, 250.660 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(152, 183, 206)` looks like.

```
.text, #text, p{  
    color:rgb(152, 183, 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(152, 183, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 183, 206) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 15.971, 250.660 is called "border". The border property can be set on classes, ids or directly on the HTML element.

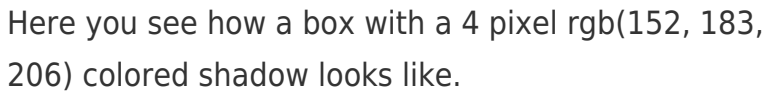
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(152, 183, 206) }
```

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

```
.border{ border-color:rgb(152, 183, 206) }
```

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



Here you see how a box with a 4 pixel `rgb(152, 183, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(152, 183, 206); -webkit-box-shadow:4px 4px 4px 4px rgb(152, 183, 206); box-shadow:4px 4px 4px 4px rgb(152, 183, 206) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 15.971, 250.660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 183, 206) }
```

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

```
.background{ background-color: rgb(152,  
183, 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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