

Converting Colors

CIELCh(73, 6.821, 272.378)

Have a look what the booklet for
CIELCh(73, 6.821, 272.378) contains.

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Color

CIELCh(73, 6.311, 270.722)

Conversions

Conversions Part 1

Format	Color
Hex	AEB4BF
RGB	174, 180, 191
RGB Percent	68%, 71%, 75%
CMY	0.3193, 0.2958, 0.2527
CMYK	0.09, 0.06, 0.00, 0.25
HSL	219°, 12%, 71%
HSV	219°, 9%, 75%
XYZ	42.9541, 45.1644, 55.4963
YIQ	179.4600, -7.1070, 2.1490

Conversions

Conversions Part 2

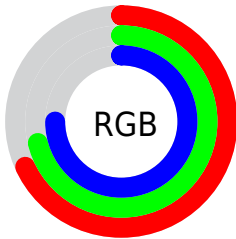
Format	Color
RYB	174, 178, 191
Decimal	11449535
CIELab	73.00, 0.08, -6.31
CIElCh	73, 6.311, 270.722
Yxy	45.1644, 0.2991, 0.3145
Android (android.graphics.Color)	4289639615 (0xFFAEB4BF)
YUV	179.4600, 5.6892, -4.7884
Hunter-Lab	67.2044, -3.5185, -1.9176

Details

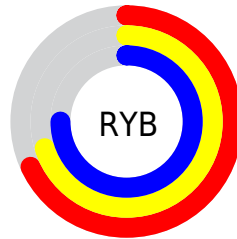
The CIELCh color $73, 6.311, 270.722$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $75, 6.322, 88.367$, and the grayscale version is $73, 0.009, 296.813$.

A 20% lighter version of the original color is $93, 6.008, 270.471$, and $53, 6.602, 274.248$ is the 20% darker color. If you saturate the color by 10%, you get $68, 13.467, 272.193$, and if you desaturate by 10%, it is $78, 0.752, 89.050$.

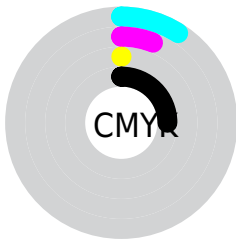
Distribution



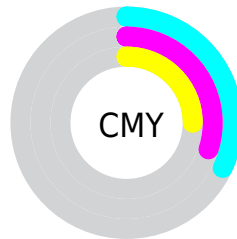
- Red (68%)
- Green (71%)
- Blue (75%)



- Red (68%)
- Yellow (70%)
- Blue (75%)



- Cyan (9%)
- Magenta (6%)
- Yellow (0%)
- Black (25%)



- Cyan (32%)
- Magenta (30%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 6.311, 270.722 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, 6.311, 270.722 by changing the saturation by 10% instead.

■ 73, 6.311, 270.722

■ 73, 6.311, 270.722

■ 100, 6.311,
270.722

■ 63, 6.311, 270.722

■ 93, 6.311, 270.722

■ 53, 6.311, 270.722

■ 43, 6.311, 270.722

■ 33, 6.311, 270.722

■ 23, 6.311, 270.722

■ 13, 6.311, 270.722

■ 3, 6.311, 270.722

■ 0, 6.311, 270.722

■ 73, 6.311, 270.722

■ 73, 6.311, 270.722

68, 13.467,
272.193

78, 0.752, 89.050

64, 20.718,
273.946

82, 7.717, 88.228

59, 28.069,
276.000

87, 14.580, 87.273

54, 35.534,
278.400

92, 21.340, 86.429

50, 43.139,
281.176

95, 26.349, 96.551

46, 50.921,
284.332

98, 31.738,
106.749

41, 58.912,
287.822

99, 32.426,
107.710

37, 67.100,
291.523

34, 75.377,

Harmonies

Complementary

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



73, 6.311, 270.722



75, 6.322, 88.367

Rectangle

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



73, 6.311, 270.722



73, 6.311, 320.722



73, 6.311, 90.722



73, 6.311, 140.722

Sweetspot

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



73, 6.310, 270.709



96, 2.620, 270.002



76, 7.114, 170.769



51, 2.002, 270.082



99, 0.012, 296.813



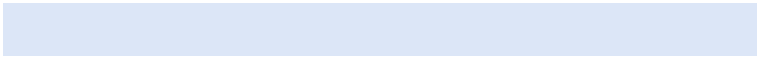
52, 0.007, 296.813

Same Dimension

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



73, 6.310, 270.709



91, 9.633, 271.021



72, 9.324, 296.122



37, 3.979, 270.767



28, 65.440, 294.996



3, 13.246, 277.861

Inverse Universe

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



73, 7.205, 353.148



90, 11.028, 353.384



77, 9.136, 114.736



37, 4.546, 353.193



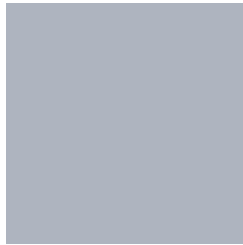
33, 59.893, 15.453



3, 13.061, 359.887

Previews

White Background



This preview shows how the CIELCh color 73, 6.311, 270.722 looks on a white background.

Color Contrast Check

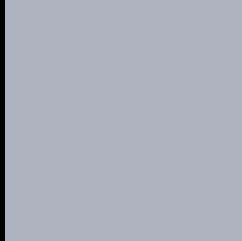
Large Text (above 18pt) WCAG AA × Fail

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, 6.311, 270.722 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

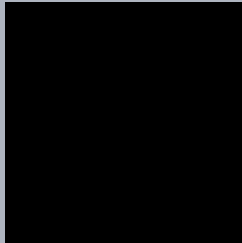
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

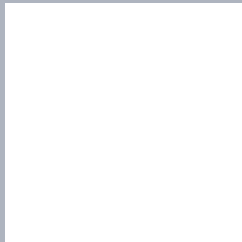
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 73, 6.311, 270.722

Background



This preview shows how black text looks on a background with the CIELCh color 73, 6.311, 270.722.

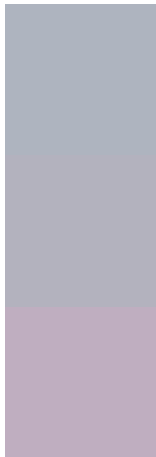


This preview shows how white text looks on a background with the CIELCh color 73, 6.311, 270.722.

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

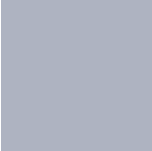
73, 6.311, 270.722

Protanopia

73, 6.539, 294.001

Deuteranopia

73, 11.657, 323.403



Tritanopia
73, 7.779, 277.589

Trichromacy



Original Color
73, 6.311, 270.722

Protanomaly
73, 6.007, 283.828

Deuteranomaly
73, 8.835, 312.792

Tritanomaly
73, 7.254, 276.518

Monochromacy



Original Color
73, 6.311, 270.722

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 2.288, 271.626

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 6.311, 270.722 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, 180, 191)` looks like.

```
.text, #text, p{  
    color:rgb(174, 180, 191)  
}
```

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, 180, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 180, 191) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 6.311, 270.722 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, 180, 191) }
```

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

```
.border{ border-color:rgb(174, 180, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 180, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 180, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 180, 191);  
box-shadow:4px 4px 4px 4px rgb(174, 180,  
191) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 6.311, 270.722 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 180, 191) }
```

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

```
.background{ background-color: rgb(174,  
180, 191) }
```

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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