

Converting Colors

CIELCh(73, 5.652, 178.433)

Have a look what the booklet for
CIELCh(73, 5.652, 178.433) contains.

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Color

CIELCh(73, 5.426, 181.572)

Conversions

Conversions Part 1

Format	Color
Hex	A8B6B3
RGB	168, 182, 179
RGB Percent	66%, 71%, 70%
CMY	0.3403, 0.2854, 0.2971
CMYK	0.08, 0.00, 0.02, 0.29
HSL	167°, 9%, 69%
HSV	167°, 8%, 71%
XYZ	41.1322, 45.1644, 49.3196
YIQ	177.4720, -7.3810, -3.9010

Conversions

Conversions Part 2

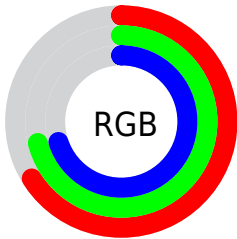
Format	Color
RYB	168, 176, 182
Decimal	11056819
CIELab	73.00, -5.42, -0.15
CIELCh	73, 5.426, 181.572
Yxy	45.1644, 0.3033, 0.3330
Android (android.graphics.Color)	4289246899 (0xFFA8B6B3)
YUV	177.4720, 0.7533, -8.3069
Hunter-Lab	67.2044, -8.3577, 3.5317

Details

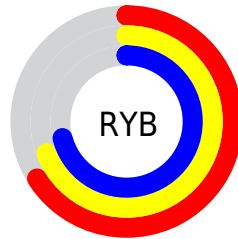
The CIELCh color $73, 5.426, 181.572$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $70, 5.588, 2.778$, and the grayscale version is $72, 0.009, 296.813$.

A 20% lighter version of the original color is $93, 5.500, 182.795$, and $53, 5.397, 180.121$ is the 20% darker color. If you saturate the color by 10%, you get $72, 12.324, 180.587$, and if you desaturate by 10%, it is $74, 1.654, 2.067$.

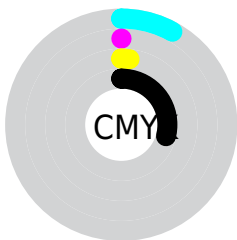
Distribution



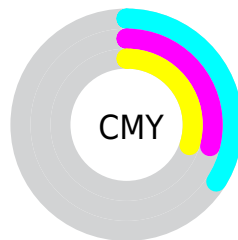
- Red (66%)
- Green (71%)
- Blue (70%)



- Red (66%)
- Yellow (69%)
- Blue (71%)



- Cyan (8%)
- Magenta (0%)
- Yellow (2%)
- Black (29%)



- Cyan (34%)
- Magenta (29%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 5.426, 181.572 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, 5.426, 181.572 by changing the saturation by 10% instead.

■ 73, 5.426, 181.572

■ 73, 5.426, 181.572

■ 100, 5.426,
181.572

■ 63, 5.426, 181.572

■ 93, 5.426, 181.572

■ 53, 5.426, 181.572

■ 43, 5.426, 181.572

■ 33, 5.426, 181.572

■ 23, 5.426, 181.572

■ 13, 5.426, 181.572

■ 3, 5.426, 181.572

■ 0, 5.426, 181.572

■ 73, 5.426, 181.572

■ 73, 5.426, 181.572

72, 12.324,
180.587

74, 1.654, 2.067

70, 18.934,
179.596

76, 8.835, 3.140

69, 25.145,
178.545

78, 16.044, 3.973

69, 30.839,
177.415

81, 28.746, 4.387

68, 35.905,
176.185

81, 29.229, 0.467

67, 40.252,
174.832

81, 29.854,
356.701

67, 43.824,
173.333

82, 30.613,
353.116

66, 46.619,
171.667

82, 31.495,
349.730

66, 48.737,

169.845

Harmonies

Complementary

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



73, 5.426, 181.572



70, 5.588, 2.778

Rectangle

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



73, 5.426, 181.572



73, 5.426, 231.572



73, 5.426, 1.572



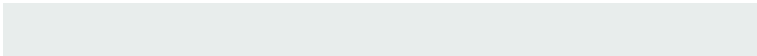
73, 5.426, 51.572

Sweetspot

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



73, 5.427, 181.560



93, 1.756, 182.302



73, 8.677, 137.991



50, 1.006, 182.329



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



73, 5.427, 181.560



92, 7.860, 181.413



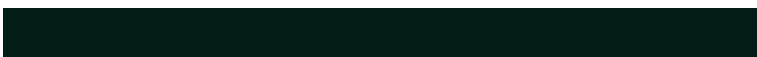
72, 4.218, 230.111



38, 4.018, 181.395



57, 43.623, 169.681



8, 11.723, 175.317

Inverse Universe

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



70, 5.588, 2.778



88, 8.135, 2.936



71, 4.396, 48.947



36, 4.161, 2.957



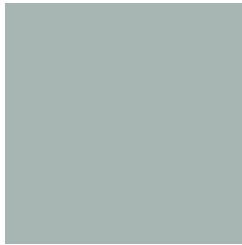
32, 63.230, 27.538



2, 10.943, 6.597

Previews

White Background



This preview shows how the CIELCh color 73, 5.426, 181.572 looks on a white background.

Color Contrast Check

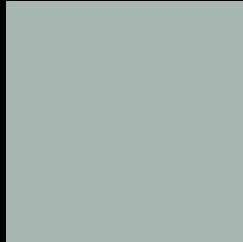
Large Text (above 18pt) WCAG AA × Fail

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, 5.426, 181.572 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

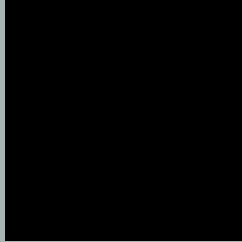
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

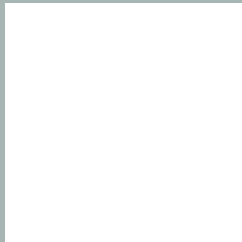
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 73, 5.426, 181.572

Background



This preview shows how black text looks on a background with the CIELCh color 73, 5.426, 181.572.



This preview shows how white text looks on a background with the CIELCh color 73, 5.426, 181.572.

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, 8.185, 267.840

Trichromacy



Original Color
73, 5.426, 181.572

Protanomaly
73, 1.316, 144.562

Deuteranomaly
73, 4.032, 347.072

Tritanomaly
73, 5.816, 247.660

Monochromacy



Original Color
73, 5.426, 181.572

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 2.489, 173.568

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 5.426, 181.572 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(168, 182, 179)` looks like.

```
.text, #text, p{  
    color:rgb(168, 182, 179)  
}
```

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(168, 182, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 182, 179) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 5.426, 181.572 is called "border". The border property can be set on classes, ids or directly on the HTML element.

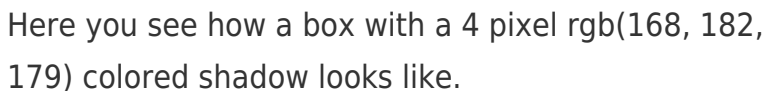
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(168, 182, 179) }
```

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

```
.border{ border-color:rgb(168, 182, 179) }
```

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



Here you see how a box with a 4 pixel rgb(168, 182, 179) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 182, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 182, 179);  
box-shadow:4px 4px 4px 4px rgb(168, 182,  
179) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 5.426, 181.572 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 182, 179) }
```

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

```
.background{ background-color: rgb(168,  
182, 179) }
```

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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