

Converting Colors

CIELCh(73, 16.530, 228.115)

Have a look what the booklet for
CIELCh(73, 16.530, 228.115)
contains.

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Color

CIELCh(73, 16.538, 228.129)

Conversions

Conversions Part 1

Format	Color
Hex	8EBAC9
RGB	142, 186, 201
RGB Percent	56%, 73%, 79%
CMY	0.4426, 0.2700, 0.2112
CMYK	0.29, 0.07, 0.00, 0.21
HSL	195°, 35%, 67%
HSV	195°, 29%, 79%
XYZ	39.3274, 45.1644, 61.9919
YIQ	174.5540, -31.0390, -4.6630

Conversions

Conversions Part 2

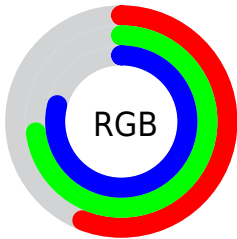
Format	Color
RYB	142, 167, 201
Decimal	9353929
CIELab	73.00, -11.04, -12.32
CIElCh	73, 16.538, 228.129
Yxy	45.1644, 0.2685, 0.3083
Android (android.graphics.Color)	4287544009 (0xFF8EBAC9)
YUV	174.5540, 13.0379, -28.5499
Hunter-Lab	67.2044, -13.1513, -7.6482

Details

The CIELCh color **73, 16.538, 228.129** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **68, 20.001, 44.843**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 15.987, 223.537**, and **53, 16.438, 227.922** is the 20% darker color. If you saturate the color by 10%, you get **70, 21.388, 229.349**, and if you desaturate by 10%, it is **76, 11.236, 227.195**.

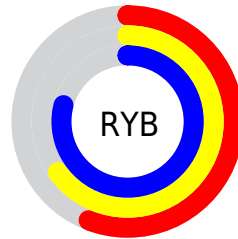
Distribution



Red (56%)

Green (73%)

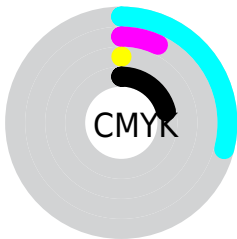
Blue (79%)



Red (56%)

Yellow (65%)

Blue (79%)

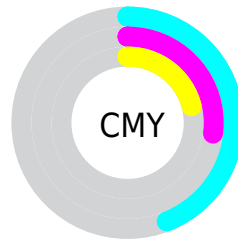


Cyan (29%)

Magenta (7%)

Yellow (0%)

Black (21%)



Cyan (44%)


Magenta (27%)


Yellow (21%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 16.538, 228.129 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, 16.538, 228.129 by changing the saturation by 10% instead.


 73, 16.538,
228.129


 73, 16.538,
228.129


 100, 16.538,
228.129


 63, 16.538,
228.129


 93, 16.538,
228.129

 53, 16.538,
228.129

 43, 16.538,
228.129

 33, 16.538,
228.129

 23, 16.538,
228.129

 13, 16.538,
228.129

 3, 16.538, 228.129

0, 16.538, 228.129

73, 16.538,
228.129

73, 16.538,
228.129

70, 21.388,
229.349

76, 11.236,
227.195

68, 25.708,
230.939

78, 5.564, 226.527

66, 29.429,
232.976

81, 0.402, 44.580

84, 6.595, 45.416

64, 32.511,
235.553

87, 12.958, 45.165

62, 34.964,
238.757

89, 16.703, 49.199

91, 16.604, 60.122

60, 36.862,
242.647

92, 17.113, 70.750

■ 58, 38.408,
247.120

■ 93, 18.172, 80.413

■ 58, 38.513,
247.417

Harmonies

Complementary

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



73, 16.538, 228.129



68, 20.001, 44.843

Rectangle

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



73, 16.538, 228.129



73, 16.538, 278.129



73, 16.538, 48.129



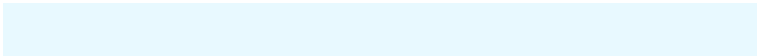
73, 16.538, 98.129

Sweetspot

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



73, 16.538, 228.124



97, 6.507, 226.516



76, 32.346, 150.063



51, 4.506, 226.596



0, 0.000, 0.000



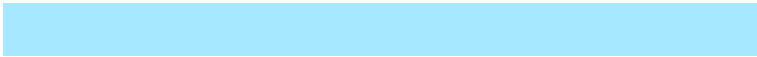
53, 0.007, 296.813

Same Dimension

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



73, 16.538, 228.124



89, 23.413, 228.839



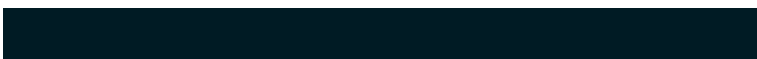
65, 24.919, 281.491



41, 3.349, 226.529



48, 32.832, 246.632



8, 11.151, 236.349

Inverse Universe

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



66, 32.479, 334.492



79, 46.854, 334.953



76, 24.411, 93.670



39, 6.182, 333.076



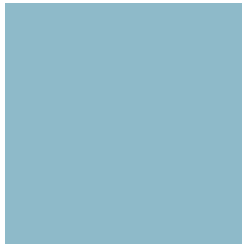
36, 68.266, 341.485



4, 21.397, 337.883

Previews

White Background



This preview shows how the CIELCh color 73, 16.538, 228.129 looks on a white background.

Color Contrast Check

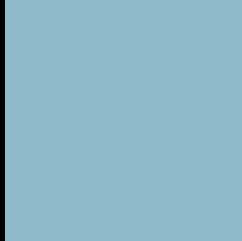
Large Text (above 18pt) WCAG AA × Fail

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, 16.538, 228.129 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

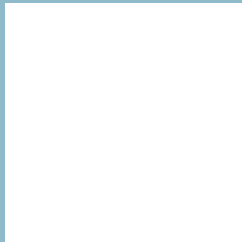
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 73, 16.538, 228.129

Background



This preview shows how black text looks on a background with the CIELCh color 73, 16.538, 228.129.

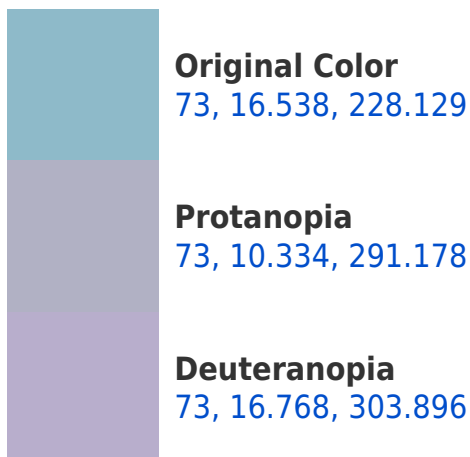


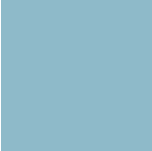
This preview shows how white text looks on a background with the CIELCh color 73, 16.538, 228.129.

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](#).

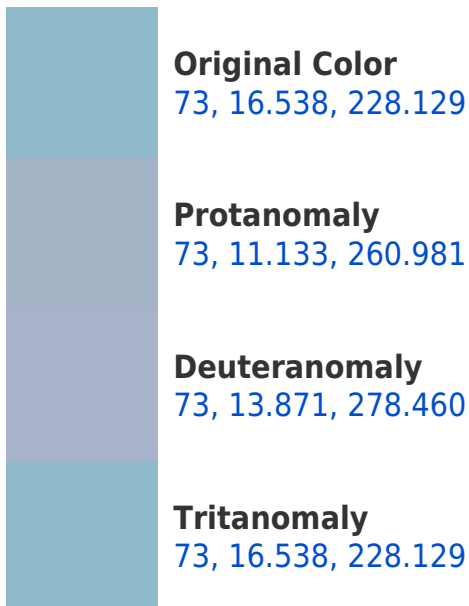
Dichromacy



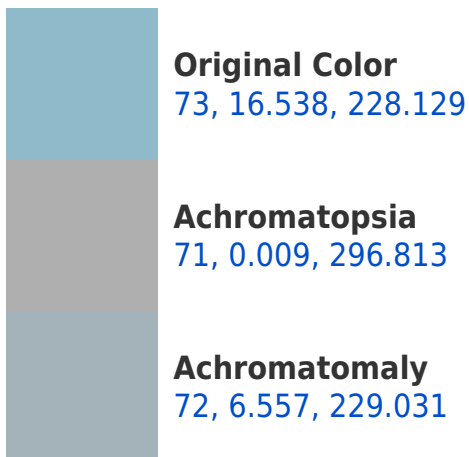


Tritanopia
73, 16.538, 228.129

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 16.538, 228.129 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(142, 186, 201)` looks like.

```
.text, #text, p{  
    color:rgb(142, 186, 201)  
}
```

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(142, 186, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 186, 201) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 16.538, 228.129 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(142, 186, 201) }
```

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

```
.border{ border-color:rgb(142, 186, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 186, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 186, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 186, 201);  
box-shadow:4px 4px 4px 4px rgb(142, 186,  
201) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 16.538, 228.129 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 186, 201) }
```

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

```
.background{ background-color: rgb(142,  
186, 201) }
```

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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