

# Converting Colors

CIELCh(73, 16.907, 228.252)

Have a look what the booklet for  
CIELCh(73, 16.907, 228.252)  
contains.

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# **Color**

**CIELCh(73, 17.017, 229.332)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8DBACA
RGB	141, 186, 202
RGB Percent	55%, 73%, 79%
CMY	0.4462, 0.2697, 0.2070
CMYK	0.30, 0.08, 0.00, 0.21
HSL	196°, 37%, 67%
HSV	196°, 30%, 79%
XYZ	39.3112, 45.1644, 62.6589
YIQ	174.3690, -31.9560, -4.5640

# Conversions

## Conversions Part 2

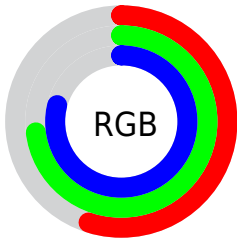
<b>Format</b>	<b>Color</b>
<b>RYB</b>	141, 167, 202
Decimal	9288394
CIELab	73.00, -11.09, -12.91
CIELCh	73, 17.017, 229.332
Yxy	45.1644, 0.2672, 0.3070
Android (android.graphics.Color)	4287478474 (0xFF8DBACA)
YUV	174.3690, 13.6221, -29.2646
Hunter-Lab	67.2044, -13.1944, -8.2366

# Details

The CIELCh color **73, 17.017, 229.332** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **69, 20.662, 45.685**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 16.264, 223.069**, and **53, 16.906, 229.299** is the 20% darker color. If you saturate the color by 10%, you get **70, 21.857, 230.636**, and if you desaturate by 10%, it is **76, 11.726, 228.327**.

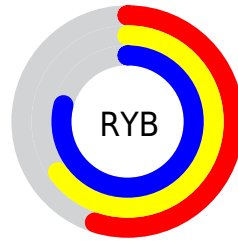
# Distribution



Red (55%)

Green (73%)

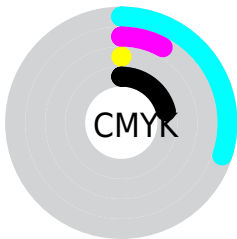
Blue (79%)



Red (55%)

Yellow (65%)

Blue (79%)

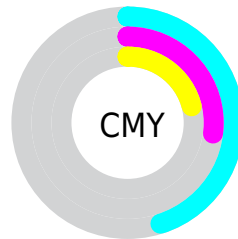


Cyan (30%)

Magenta (8%)

Yellow (0%)

Black (21%)



Cyan (45%)

Magenta (27%)


Yellow (21%)


# Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 17.017, 229.332 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, 17.017, 229.332 by changing the saturation by 10% instead.





 73, 17.017,  
229.332


 73, 17.017,  
229.332


 100, 17.017,  
229.332


 63, 17.017,  
229.332


 93, 17.017,  
229.332


 53, 17.017,  
229.332

 43, 17.017,  
229.332

 33, 17.017,  
229.332

 23, 17.017,  
229.332

 13, 17.017,  
229.332

 3, 17.017, 229.332

0, 17.017, 229.332

73, 17.017,  
229.332

73, 17.017,  
229.332

70, 21.857,  
230.636

76, 11.726,  
228.327

68, 26.168,  
232.323

78, 6.064, 227.593

66, 29.887,  
234.476

81, 0.106, 231.873

84, 6.080, 46.388

63, 32.979,  
237.187

87, 12.438, 46.103

61, 35.462,  
240.540

90, 16.310, 50.203

91, 16.288, 61.786

60, 37.421,  
244.585

92, 16.928, 72.905

■ 58, 39.054,  
249.089

■ 94, 18.153, 82.823

# Harmonies

# Complementary

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



73, 17.017, 229.332



69, 20.662, 45.685

# Rectangle

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



73, 17.017, 229.332



73, 17.017, 279.332



73, 17.017, 49.332



73, 17.017, 99.332

# Sweetspot

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



73, 17.017, 229.328



97, 6.494, 227.533



76, 33.402, 149.982



51, 4.497, 227.619



0, 0.000, 0.000



53, 0.007, 296.813



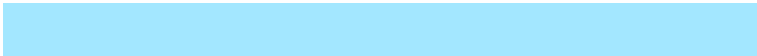


# Same Dimension

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



73, 17.017, 229.328



88, 23.977, 230.114



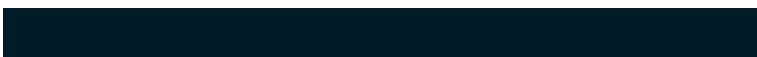
65, 25.768, 281.645



42, 3.413, 227.549



48, 33.535, 248.336



9, 11.847, 237.291



# Inverse Universe

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



66, 33.356, 334.881



78, 47.894, 335.365



76, 25.223, 93.564



40, 6.276, 333.389



37, 68.654, 342.051

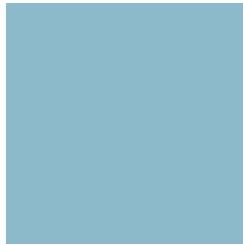


5, 23.431, 338.601



# Previews

## White Background



This preview shows how the CIE LCh color 73, 17.017, 229.332 looks on a white background.

## Color Contrast Check

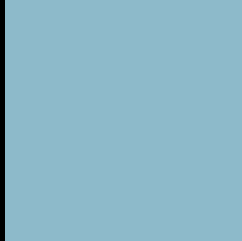
Large Text (above 18pt) WCAG AA × Fail

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, 17.017, 229.332 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

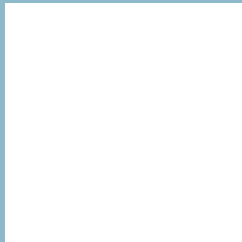
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# CIELCh 73, 17.017, 229.332

## Background



This preview shows how black text looks on a background with the CIELCh color 73, 17.017, 229.332.



This preview shows how white text looks on a background with the CIELCh color 73, 17.017, 229.332.

# 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, 17.017, 229.332

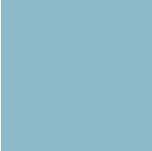
### Protanopia

73, 10.877, 291.229

### Deuteranopia

73, 17.298, 303.539





**Tritanopia**  
73, 16.802, 227.601

# Trichromacy



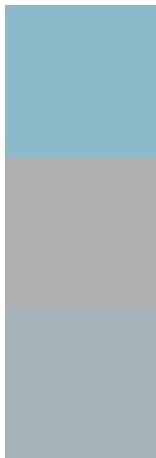
**Original Color**  
73, 17.017, 229.332

**Protanomaly**  
73, 11.598, 262.435

**Deuteranomaly**  
73, 14.468, 277.702

**Tritanomaly**  
73, 16.802, 227.601

# Monochromacy



**Original Color**  
73, 17.017, 229.332

**Achromatopsia**  
71, 0.009, 296.813

**Achromatomaly**  
72, 6.557, 229.031

# CSS Examples

## Text

The CSS property to change the color of the text to CIELCh 73, 17.017, 229.332 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(141, 186, 202)` looks like.

```
.text, #text, p{  
    color:rgb(141, 186, 202)  
}
```

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(141, 186, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 186, 202) }
```

## Border

The CSS property to change the border of an element to CIELCh 73, 17.017, 229.332 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(141, 186, 202) }
```

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

```
.border{ border-color:rgb(141, 186, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 186, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(141, 186, 202); -webkit-box-shadow:4px 4px 4px 4px rgb(141, 186, 202); box-shadow:4px 4px 4px 4px rgb(141, 186, 202) }
```

# Background

The CSS property to change the background color of an element to CIELCh 73, 17.017, 229.332 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 186, 202) }
```

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

```
.background{ background-color: rgb(141,  
186, 202) }
```

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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