

Converting Colors

CIELCh(73, 12.215, 237.780)

Have a look what the booklet for
CIELCh(73, 12.215, 237.780)
contains.

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Color

CIELCh(73, 12.360, 236.918)

Conversions

Conversions Part 1

Format	Color
Hex	9BB8C6
RGB	155, 184, 198
RGB Percent	61%, 72%, 78%
CMY	0.3933, 0.2796, 0.2247
CMYK	0.22, 0.07, 0.00, 0.22
HSL	200°, 27%, 69%
HSV	200°, 22%, 78%
XYZ	40.7022, 45.1644, 59.8203
YIQ	176.9250, -21.7780, -1.7940

Conversions

Conversions Part 2

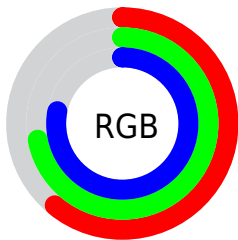
Format	Color
RYB	155, 172, 198
Decimal	10205382
CIELab	73.00, -6.75, -10.36
CIELCh	73, 12.360, 236.918
Yxy	45.1644, 0.2794, 0.3100
Android (android.graphics.Color)	4288395462 (0xFF9BB8C6)
YUV	176.9250, 10.3900, -19.2282
Hunter-Lab	67.2044, -9.4999, -5.7323

Details

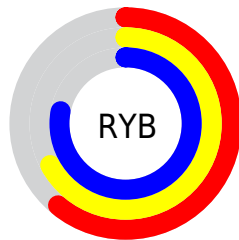
The CIELCh color **73, 12.360, 236.918** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **71, 13.914, 53.112**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 12.456, 237.490**, and **53, 12.292, 236.561** is the 20% darker color. If you saturate the color by 10%, you get **70, 17.588, 238.302**, and if you desaturate by 10%, it is **76, 6.821, 235.824**.

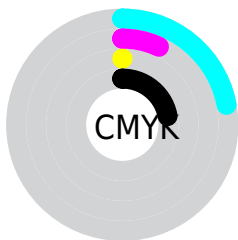
Distribution



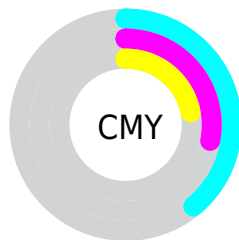
- Red (61%)
- Green (72%)
- Blue (78%)



- Red (61%)
- Yellow (67%)
- Blue (78%)



- Cyan (22%)
- Magenta (7%)
- Yellow (0%)
- Black (22%)





- Cyan (39%)
- Magenta (28%)
- Yellow (22%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 12.360, 236.918 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, 12.360, 236.918 by changing the saturation by 10% instead.


 73, 12.360,
236.918


 73, 12.360,
236.918


 100, 12.360,
236.918


 63, 12.360,
236.918


 93, 12.360,
236.918

 53, 12.360,
236.918

 43, 12.360,
236.918

 33, 12.360,
236.918

 23, 12.360,
236.918

 13, 12.360,
236.918

 3, 12.360, 236.918

0, 12.360, 236.918

73, 12.360,
236.918

73, 12.360,
236.918

70, 17.588,
238.302

76, 6.821, 235.824

67, 22.444,
240.051

79, 1.035, 235.329

64, 26.869,
242.238

82, 4.944, 54.042

62, 30.824,
244.950

86, 11.067, 53.521

59, 34.306,
248.270

89, 17.293, 53.072

57, 37.361,
252.251

91, 17.907, 64.938

92, 18.919, 76.918

94, 20.665, 87.219

■ 55, 40.103,
256.882

■ 95, 22.968, 95.622

■ 53, 42.302,
260.984

Harmonies

Complementary

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



73, 12.360, 236.918



71, 13.914, 53.112

Rectangle

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



73, 12.360, 236.918



73, 12.360, 286.918



73, 12.360, 56.918



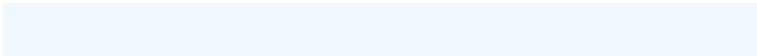
73, 12.360, 106.918

Sweetspot

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



73, 12.360, 236.911



97, 5.044, 235.430



76, 22.506, 153.306



52, 3.274, 235.476



0, 0.000, 0.000



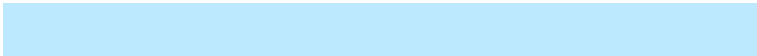
53, 0.007, 296.813

Same Dimension

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



73, 12.360, 236.911



90, 17.965, 237.517



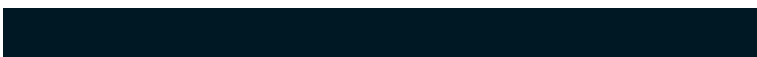
67, 19.505, 284.210



40, 3.325, 235.612



44, 36.402, 260.195



7, 11.591, 249.040

Inverse Universe

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



69, 22.586, 336.896



84, 33.238, 337.268



77, 18.989, 98.919



39, 5.875, 335.954



36, 65.190, 346.577



4, 20.132, 342.151

Previews

White Background



This preview shows how the CIELCh color 73, 12.360, 236.918 looks on a white background.

Color Contrast Check

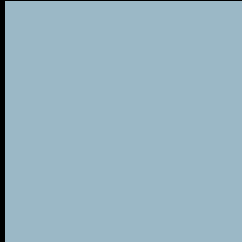
Large Text (above 18pt) WCAG AA × Fail

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, 12.360, 236.918 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

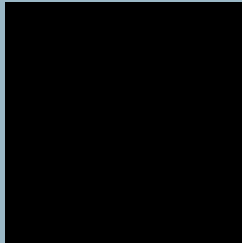
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

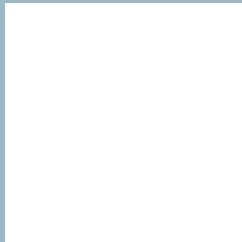
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 73, 12.360, 236.918

Background



This preview shows how black text looks on a background with the CIELCh color 73, 12.360, 236.918.

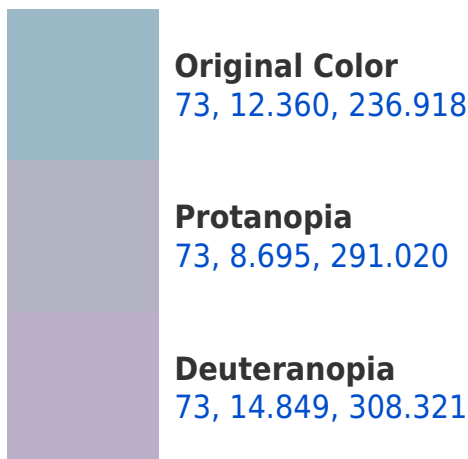


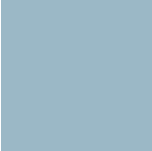
This preview shows how white text looks on a background with the CIELCh color 73, 12.360, 236.918.

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, 12.360, 236.918

Trichromacy



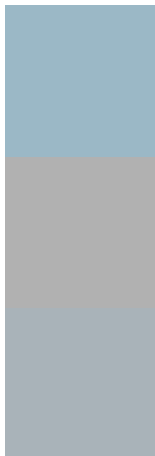
Original Color
73, 12.360, 236.918

Protanomaly
73, 8.810, 267.198

Deuteranomaly
73, 11.440, 285.953

Tritanomaly
73, 12.360, 236.918

Monochromacy



Original Color
73, 12.360, 236.918

Achromatopsia
72, 0.009, 296.813

Achromatomaly
72, 4.834, 241.818

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 12.360, 236.918 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(155, 184, 198)` looks like.

```
.text, #text, p{  
    color:rgb(155, 184, 198)  
}
```

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(155, 184, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 184, 198) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 12.360, 236.918 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(155, 184, 198) }
```

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

```
.border{ border-color:rgb(155, 184, 198) }
```

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

Here you see how a box with a 4 pixel rgb(155, 184, 198) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 184, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 184, 198);  
box-shadow:4px 4px 4px 4px rgb(155, 184,  
198) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 12.360, 236.918 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 184, 198) }
```

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

```
.background{ background-color: rgb(155,  
184, 198) }
```

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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