

Converting Colors

CIELCh(73, 11.427, 215.261)

Have a look what the booklet for
CIELCh(73, 11.427, 215.261)
contains.

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Color

CIELCh(73, 11.558, 215.053)

Conversions

Conversions Part 1

Format	Color
Hex	99B9BF
RGB	153, 185, 191
RGB Percent	60%, 73%, 75%
CMY	0.4005, 0.2750, 0.2515
CMYK	0.20, 0.03, 0.00, 0.25
HSL	189°, 23%, 67%
HSV	189°, 20%, 75%
XYZ	39.8288, 45.1644, 55.8385
YIQ	176.1160, -20.9980, -4.9180

Conversions

Conversions Part 2

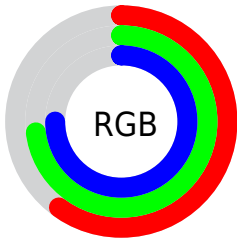
Format	Color
RYB	153, 170, 191
Decimal	10074559
CIELab	73.00, -9.46, -6.64
CIElCh	73, 11.558, 215.053
Yxy	45.1644, 0.2828, 0.3207
Android (android.graphics.Color)	4288264639 (0xFF99B9BF)
YUV	176.1160, 7.3378, -20.2727
Hunter-Lab	67.2044, -11.8195, -2.2195

Details

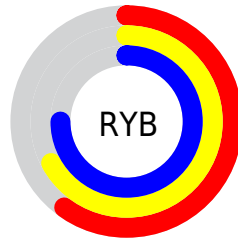
The CIELCh color **73, 11.558, 215.053** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **68, 13.206, 34.800**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 11.468, 214.491**, and **53, 11.668, 215.777** is the 20% darker color. If you saturate the color by 10%, you get **71, 16.769, 215.393**, and if you desaturate by 10%, it is **75, 5.920, 214.881**.

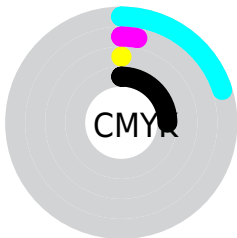
Distribution



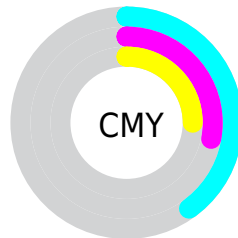
- Red (60%)
- Green (73%)
- Blue (75%)



- Red (60%)
- Yellow (67%)
- Blue (75%)



- Cyan (20%)
- Magenta (3%)
- Yellow (0%)
- Black (25%)





- Cyan (40%)
- Magenta (28%)
- Yellow (25%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 11.558, 215.053 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, 11.558, 215.053 by changing the saturation by 10% instead.


 73, 11.558,
215.053


 73, 11.558,
215.053


 100, 11.558,
215.053


 63, 11.558,
215.053


 93, 11.558,
215.053

 53, 11.558,
215.053

 43, 11.558,
215.053

 33, 11.558,
215.053

 23, 11.558,
215.053

 13, 11.558,
215.053

 3, 11.558, 215.053

0, 11.558, 215.053

73, 11.558,
215.053

73, 11.558,
215.053

71, 16.769,
215.393

75, 5.920, 214.881

69, 21.458,
215.942

77, 0.057, 25.344

67, 25.531,
216.737

80, 6.293, 34.623

66, 28.903,
217.832

82, 12.723, 34.742

64, 31.517,
219.291

85, 19.290, 34.886

63, 33.354,
221.182

86, 21.177, 37.988

87, 20.636, 42.894

87, 20.258, 48.024

■ 62, 34.455,
223.568

■ 88, 20.052, 53.301

■ 61, 35.017,
226.405

■ 61, 35.023,
226.433

Harmonies

Complementary

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



73, 11.558, 215.053



68, 13.206, 34.800

Rectangle

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



73, 11.558, 215.053



73, 11.558, 265.053



73, 11.558, 35.053



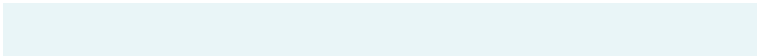
73, 11.558, 85.053

Sweetspot

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



73, 11.558, 215.045



96, 4.469, 214.889



74, 22.644, 147.505



51, 2.984, 214.882



99, 0.012, 296.813



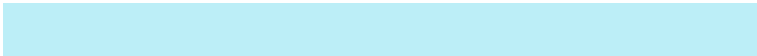
52, 0.007, 296.813

Same Dimension

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



73, 11.558, 215.045



91, 16.947, 215.178



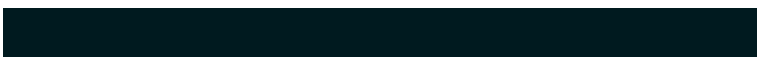
68, 14.249, 272.610



39, 3.360, 214.878



51, 30.469, 225.952



7, 9.688, 221.110

Inverse Universe

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



68, 22.580, 330.289



83, 33.619, 330.571



73, 14.367, 87.240



37, 6.338, 329.628



36, 71.574, 335.593



3, 18.378, 331.988

Previews

White Background



This preview shows how the CIELCh color 73, 11.558, 215.053 looks on a white background.

Color Contrast Check

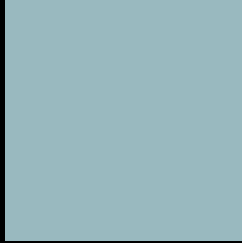
Large Text (above 18pt) WCAG AA × Fail

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, 11.558, 215.053 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

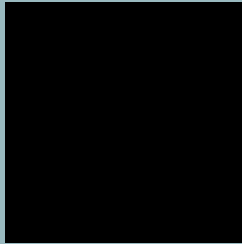
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

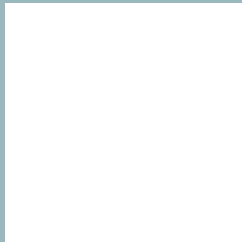
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 73, 11.558, 215.053

Background



This preview shows how black text looks on a background with the CIELCh color 73, 11.558, 215.053.



This preview shows how white text looks on a background with the CIELCh color 73, 11.558, 215.053.

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, 11.558, 215.053

Protanopia
73, 4.959, 299.159

Deuteranopia
73, 11.929, 320.484



Tritanopia
73, 12.618, 235.991

Trichromacy



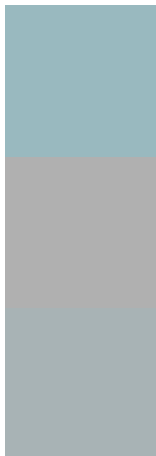
Original Color
73, 11.558, 215.053

Protanomaly
73, 5.440, 243.651

Deuteranomaly
73, 7.612, 288.202

Tritanomaly
73, 11.830, 229.195

Monochromacy



Original Color
73, 11.558, 215.053

Achromatopsia
72, 0.009, 296.813

Achromatomaly
72, 4.151, 214.429

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 11.558, 215.053 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(153, 185, 191)` looks like.

```
.text, #text, p{  
    color:rgb(153, 185, 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(153, 185, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 185, 191) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 11.558, 215.053 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(153, 185, 191) }
```

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

```
.border{ border-color:rgb(153, 185, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 185, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 185, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 185, 191);  
box-shadow:4px 4px 4px 4px rgb(153, 185,  
191) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 11.558, 215.053 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 185, 191) }
```

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

```
.background{ background-color: rgb(153,  
185, 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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