

Converting Colors

CIELCh(73, 11.710, 245.152)

Have a look what the booklet for
CIELCh(73, 11.710, 245.152)
contains.

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Color

CIELCh(73, 11.702, 243.223)

Conversions

Conversions Part 1

Format	Color
Hex	9EB7C6
RGB	158, 183, 198
RGB Percent	62%, 72%, 78%
CMY	0.3807, 0.2827, 0.2239
CMYK	0.20, 0.08, 0.00, 0.22
HSL	202°, 26%, 70%
HSV	202°, 20%, 78%
XYZ	41.1818, 45.1644, 59.9198
YIQ	177.2350, -19.7150, -0.6350

Conversions

Conversions Part 2

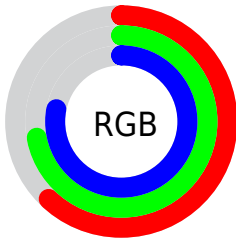
Format	Color
R_{YB}	158, 173, 198
Decimal	10401734
CIE _{Lab}	73.00, -5.27, -10.45
CIE _{LCh}	73, 11.702, 243.223
Yxy	45.1644, 0.2816, 0.3088
Android (android.graphics.Color)	4288591814 (0xFF9EB7C6)
YUV	177.2350, 10.2371, -16.8691
Hunter-Lab	67.2044, -8.2259, -5.8202

Details

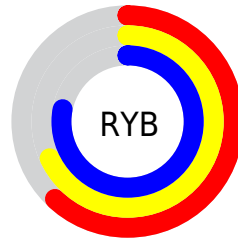
The CIELCh color **73, 11.702, 243.223** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **72, 12.865, 58.943**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 11.816, 243.518**, and **53, 11.630, 243.177** is the 20% darker color. If you saturate the color by 10%, you get **70, 17.146, 244.769**, and if you desaturate by 10%, it is **76, 6.013, 241.977**.

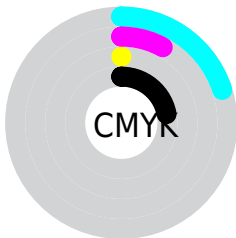
Distribution



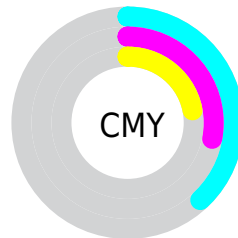
- Red (62%)
- Green (72%)
- Blue (78%)



- Red (62%)
- Yellow (68%)
- Blue (78%)



- Cyan (20%)
- Magenta (8%)
- Yellow (0%)
- Black (22%)





- Cyan (38%)
- Magenta (28%)
- Yellow (22%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 11.702, 243.223 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, 11.702, 243.223 by changing the saturation by 10% instead.


 73, 11.702,
243.223


 73, 11.702,
243.223


 100, 11.702,
243.223


 63, 11.702,
243.223


 93, 11.702,
243.223

 53, 11.702,
243.223

 43, 11.702,
243.223

 33, 11.702,
243.223

 23, 11.702,
243.223

 13, 11.702,
243.223

 3, 11.702, 243.223

0, 11.702, 243.223

73, 11.702,
243.223

73, 11.702,
243.223

70, 17.146,
244.769

76, 6.013, 241.977

67, 22.296,
246.686

80, 0.131, 244.358

63, 27.106,
249.042

83, 5.899, 59.921

60, 31.548,
251.916

87, 12.036, 59.251

58, 35.629,
255.378

90, 17.678, 60.131

55, 39.402,
259.462

92, 18.556, 74.407

94, 20.460, 86.630

96, 23.122, 96.326

■ 52, 42.976,
264.130

■ 97, 26.296,
103.773

■ 50, 46.474,
269.000

Harmonies

Complementary

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



73, 11.702, 243.223



72, 12.865, 58.943

Rectangle

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



73, 11.702, 243.223



73, 11.702, 293.223



73, 11.702, 63.223



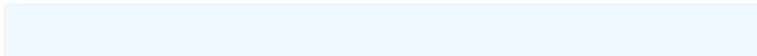
73, 11.702, 113.223

Sweetspot

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



73, 11.701, 243.216



97, 4.369, 241.572



76, 20.156, 155.527



52, 2.895, 241.631



0, 0.000, 0.000



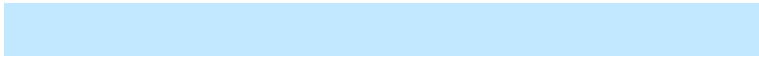
53, 0.007, 296.813

Same Dimension

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



73, 11.701, 243.216



90, 16.936, 243.820



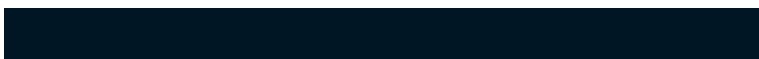
68, 19.169, 286.628



40, 3.357, 241.889



41, 39.866, 268.214



6, 12.148, 256.466

Inverse Universe

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



69, 20.292, 339.008



85, 29.653, 339.360



78, 18.566, 101.943



39, 5.672, 338.132



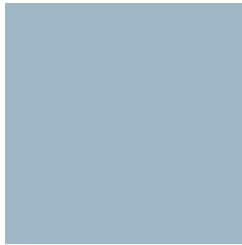
36, 63.438, 350.485



4, 19.369, 345.226

Previews

White Background



This preview shows how the CIELCh color 73, 11.702, 243.223 looks on a white background.

Color Contrast Check

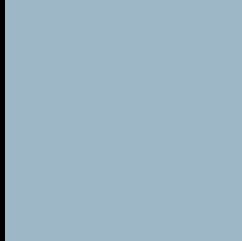
Large Text (above 18pt) WCAG AA × Fail

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, 11.702, 243.223 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

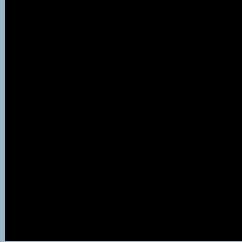
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

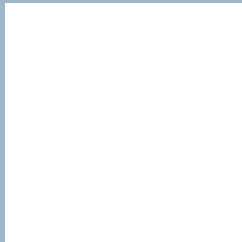
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 73, 11.702, 243.223

Background



This preview shows how black text looks on a background with the CIELCh color 73, 11.702, 243.223.



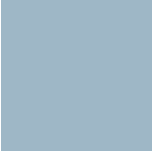
This preview shows how white text looks on a background with the CIELCh color 73, 11.702, 243.223.

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, 11.702, 243.223

Trichromacy



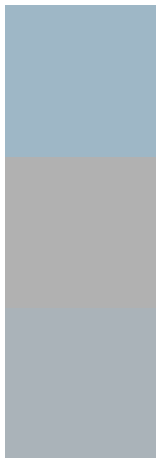
Original Color
73, 11.702, 243.223

Protanomaly
73, 9.305, 268.642

Deuteranomaly
73, 11.963, 289.636

Tritanomaly
73, 11.702, 243.223

Monochromacy



Original Color
73, 11.702, 243.223

Achromatopsia
72, 0.009, 296.813

Achromatomaly
72, 4.576, 244.867

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 11.702, 243.223 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(158, 183, 198)` looks like.

```
.text, #text, p{  
    color:rgb(158, 183, 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(158, 183, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 183, 198) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 11.702, 243.223 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(158, 183, 198) }
```

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

```
.border{ border-color:rgb(158, 183, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 183, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 183, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 183, 198);  
box-shadow:4px 4px 4px 4px rgb(158, 183,  
198) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 11.702, 243.223 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 183, 198) }
```

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

```
.background{ background-color: rgb(158,  
183, 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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