

Converting Colors

CIELCh(72, 10.641, 243.546)

Have a look what the booklet for
CIELCh(72, 10.641, 243.546)
contains.

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Color

CIELCh(72, 10.903, 243.500)

Conversions

Conversions Part 1

Format	Color
Hex	9DB4C2
RGB	157, 180, 194
RGB Percent	62%, 71%, 76%
CMY	0.3846, 0.2944, 0.2395
CMYK	0.19, 0.07, 0.00, 0.24
HSL	203°, 23%, 69%
HSV	203°, 19%, 76%
XYZ	39.9203, 43.6590, 57.3112
YIQ	174.7190, -18.2020, -0.5220

Conversions

Conversions Part 2

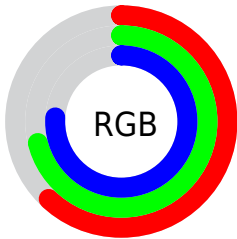
Format	Color
RYB	157, 171, 194
Decimal	10335426
CIELab	72.00, -4.86, -9.76
CIElCh	72, 10.903, 243.500
Yxy	43.6590, 0.2833, 0.3099
Android (android.graphics.Color)	4288525506 (0xFF9DB4C2)
YUV	174.7190, 9.5055, -15.5396
Hunter-Lab	66.0750, -7.7874, -5.1736

Details

The CIELCh color $72, 10.903, 243.500$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $72, 11.903, 59.436$, and the grayscale version is $71, 0.009, 296.813$.

A 20% lighter version of the original color is $92, 10.705, 241.750$, and $52, 10.812, 243.357$ is the 20% darker color. If you saturate the color by 10%, you get $69, 16.301, 245.017$, and if you desaturate by 10%, it is $75, 5.274, 242.280$.

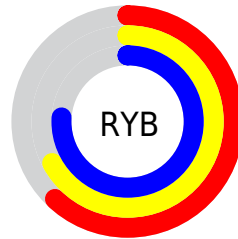
Distribution



Red (62%)

Green (71%)

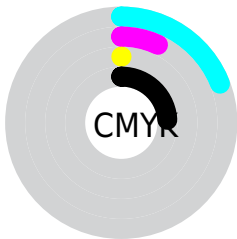
Blue (76%)



Red (62%)

Yellow (67%)

Blue (76%)

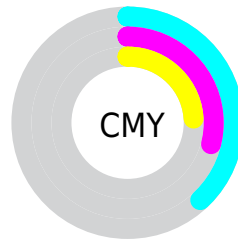


Cyan (19%)

Magenta (7%)

Yellow (0%)

Black (24%)



Cyan (38%)


Magenta (29%)


Yellow (24%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 10.903, 243.500 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 72, 10.903, 243.500 by changing the saturation by 10% instead.


 72, 10.903,
243.500


 72, 10.903,
243.500


 100, 10.903,
243.500


 62, 10.903,
243.500


 92, 10.903,
243.500

 52, 10.903,
243.500

 42, 10.903,
243.500

 32, 10.903,
243.500

 22, 10.903,
243.500

 12, 10.903,
243.500

 2, 10.903, 243.500

0, 10.903, 243.500

72, 10.903,
243.500

72, 10.903,
243.500

69, 16.301,
245.017

75, 5.274, 242.280

79, 0.536, 60.329

66, 21.421,
246.898

82, 6.484, 60.247

62, 26.216,
249.208

86, 12.530, 59.577

59, 30.660,
252.024

89, 18.644, 59.000

91, 19.650, 71.512

57, 34.753,
255.419

93, 21.289, 83.317

54, 38.542,
259.429

95, 23.692, 93.008

■ 51, 42.129,
264.027

■ 96, 26.637,
100.662

■ 49, 45.691,
268.988

■ 49, 46.031,
269.427

Harmonies

Complementary

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



72, 10.903, 243.500



72, 11.903, 59.436

Rectangle

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



72, 10.903, 243.500



72, 10.903, 293.500



72, 10.903, 63.500



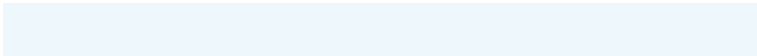
72, 10.903, 113.500

Sweetspot

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



72, 10.902, 243.492



97, 4.338, 241.992



75, 18.714, 155.631



52, 2.898, 242.052



0, 0.000, 0.000



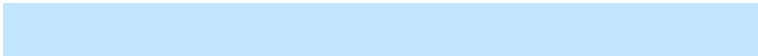
53, 0.007, 296.813

Same Dimension

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



72, 10.902, 243.492



90, 16.156, 244.106



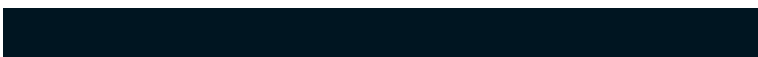
67, 17.763, 286.464



39, 3.290, 242.310



41, 39.629, 268.648



6, 11.272, 256.609

Inverse Universe

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



69, 18.785, 339.070



85, 28.113, 339.431



76, 17.238, 102.070



38, 5.538, 338.284



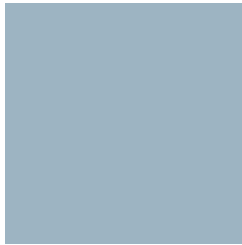
35, 62.616, 350.724



3, 17.138, 344.943

Previews

White Background



This preview shows how the CIELCh color 72, 10.903, 243.500 looks on a white background.

Color Contrast Check

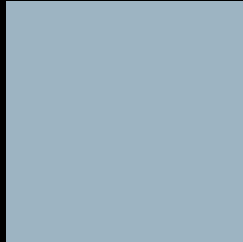
Large Text (above 18pt) WCAG AA × Fail

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 72, 10.903, 243.500 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

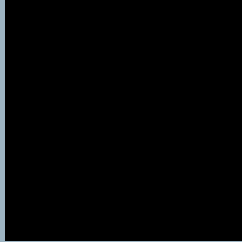
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

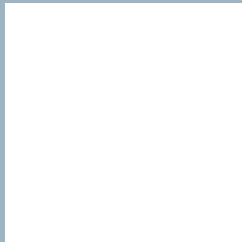
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 72, 10.903, 243.500

Background



This preview shows how black text looks on a background with the CIELCh color 72, 10.903, 243.500.



This preview shows how white text looks on a background with the CIELCh color 72, 10.903, 243.500.

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
72, 10.903, 243.500

Protanopia
72, 8.722, 291.033

Deuteranopia
72, 14.490, 310.321



Tritanopia
72, 10.903, 243.500

Trichromacy



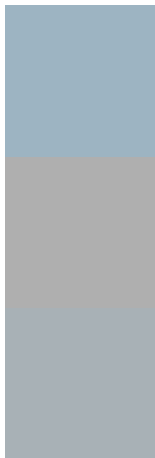
Original Color
72, 10.903, 243.500

Protanomaly
72, 8.709, 269.366

Deuteranomaly
72, 11.456, 291.297

Tritanomaly
72, 10.903, 243.500

Monochromacy



Original Color
72, 10.903, 243.500

Achromatopsia
71, 0.009, 296.813

Achromatomaly
72, 4.229, 239.480

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 10.903, 243.500 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(157, 180, 194)` looks like.

```
.text, #text, p{  
    color:rgb(157, 180, 194)  
}
```

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(157, 180, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 180, 194) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 10.903, 243.500 is called "border". The border property can be set on classes, ids or directly on the HTML element.

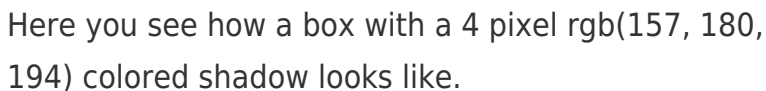
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(157, 180, 194) }
```

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

```
.border{ border-color:rgb(157, 180, 194) }
```

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



Here you see how a box with a 4 pixel `rgb(157, 180, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(157, 180, 194); -webkit-box-shadow:4px 4px 4px 4px rgb(157, 180, 194); box-shadow:4px 4px 4px 4px rgb(157, 180, 194) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 10.903, 243.500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 180, 194) }
```

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

```
.background{ background-color: rgb(157,  
180, 194) }
```

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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