

Converting Colors

CIELCh(72, 19.501, 258.084)

Have a look what the booklet for
CIELCh(72, 19.501, 258.084)
contains.

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Color

CIELCh(72, 19.690, 258.435)

Conversions

Conversions Part 1

Format	Color
Hex	93B4D3
RGB	147, 180, 211
RGB Percent	58%, 71%, 83%
CMY	0.4227, 0.2933, 0.1717
CMYK	0.30, 0.15, 0.00, 0.17
HSL	209°, 42%, 70%
HSV	209°, 30%, 83%
XYZ	40.2145, 43.6590, 68.0719
YIQ	173.6670, -29.6190, 2.6450

Conversions

Conversions Part 2

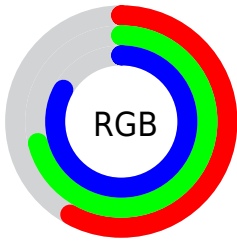
Format	Color
R _Y B	147, 169, 211
Decimal	9680083
CIE Lab	72.00, -3.95, -19.29
CIE LCh	72, 19.690, 258.435
Yxy	43.6590, 0.2647, 0.2873
Android (android.graphics.Color)	4287870163 (0xFF93B4D3)
YUV	173.6670, 18.4052, -23.3870
Hunter-Lab	66.0750, -6.9927, -14.8294

Details

The CIELCh color `72, 19.690, 258.435` is a light color, and the websafe version is hex `99CCFF`. A complement of this color would be `75, 21.590, 70.019`, and the grayscale version is `71, 0.009, 296.813`.

A 20% lighter version of the original color is `92, 14.668, 241.195`, and `52, 19.670, 258.337` is the 20% darker color. If you saturate the color by 10%, you get `68, 25.938, 260.619`, and if you desaturate by 10%, it is `76, 13.300, 256.607`.

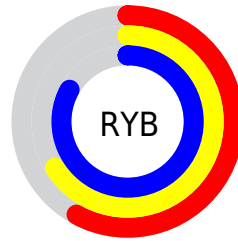
Distribution



Red (58%)

Green (71%)

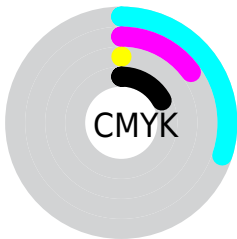
Blue (83%)



Red (58%)

Yellow (66%)

Blue (83%)

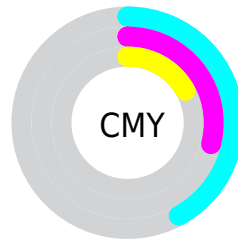


Cyan (30%)

Magenta (15%)

Yellow (0%)

Black (17%)



Cyan (42%)

Magenta (29%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 19.690, 258.435 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, 19.690, 258.435 by changing the saturation by 10% instead.

■ 72, 19.690,
258.435

■ 72, 19.690,
258.435

■ 100, 19.690,
258.435

■ 62, 19.690,
258.435

■ 92, 19.690,
258.435

■ 52, 19.690,
258.435

■ 42, 19.690,
258.435

■ 32, 19.690,
258.435

■ 22, 19.690,
258.435

■ 12, 19.690,
258.435

■ 2, 19.690, 258.435

0, 19.690, 258.435

72, 19.690,
258.435

72, 19.690,
258.435

68, 25.938,
260.619

76, 13.300,
256.607

64, 32.030,
263.228

80, 6.796, 255.097

60, 37.969,
266.315

85, 0.209, 255.640

89, 6.434, 72.583

56, 43.791,
269.915

93, 13.107, 71.677

53, 49.568,
274.007

96, 16.294, 91.066

98, 20.598,
105.311

50, 55.406,
278.492

■ 46, 61.246,
282.938

■ 99, 22.122,
108.502

Harmonies

Complementary

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



72, 19.690, 258.435



75, 21.590, 70.019

Rectangle

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



72, 19.690, 258.435



72, 19.690, 308.435



72, 19.690, 78.435



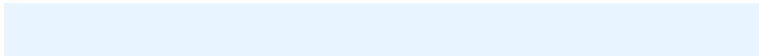
72, 19.690, 128.435

Sweetspot

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



72, 19.689, 258.432



96, 6.922, 254.937



80, 28.994, 159.975



50, 4.805, 255.133



0, 0.000, 0.000



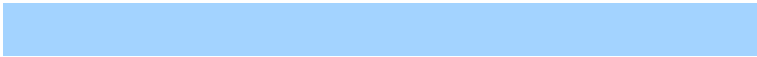
53, 0.007, 296.813

Same Dimension

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



72, 19.689, 258.432



83, 27.100, 259.716



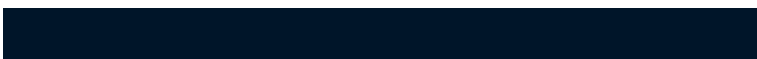
64, 35.184, 293.289



42, 3.714, 254.977



37, 50.926, 282.147



6, 15.868, 270.548

Inverse Universe

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



68, 29.983, 345.592



77, 41.508, 346.283



83, 32.762, 106.539



41, 5.478, 343.548



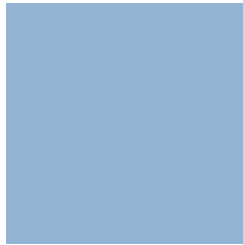
36, 62.305, 0.213



5, 21.974, 352.931

Previews

White Background



This preview shows how the CIELCh color 72, 19.690, 258.435 looks on a white background.

Color Contrast Check

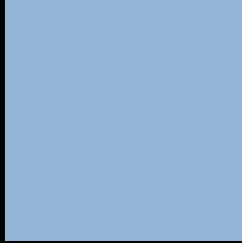
Large Text (above 18pt) WCAG AA × Fail

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, 19.690, 258.435 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

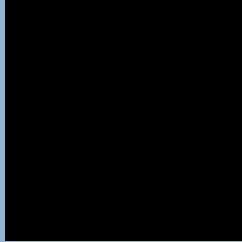
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

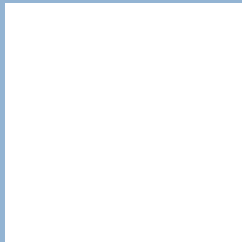
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 72, 19.690, 258.435

Background



This preview shows how black text looks on a background with the CIELCh color 72, 19.690, 258.435.

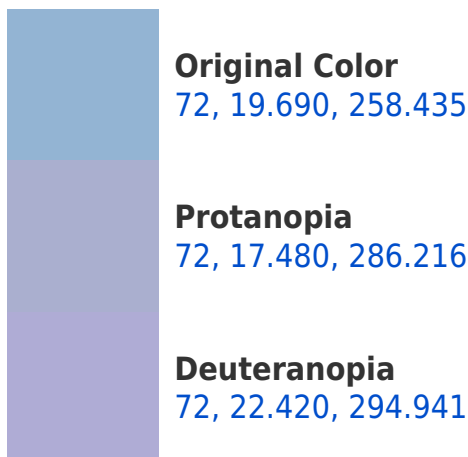


This preview shows how white text looks on a background with the CIELCh color 72, 19.690, 258.435.

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](#).

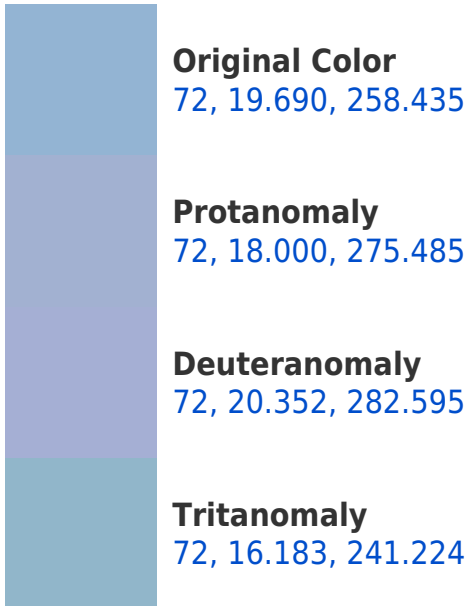
Dichromacy



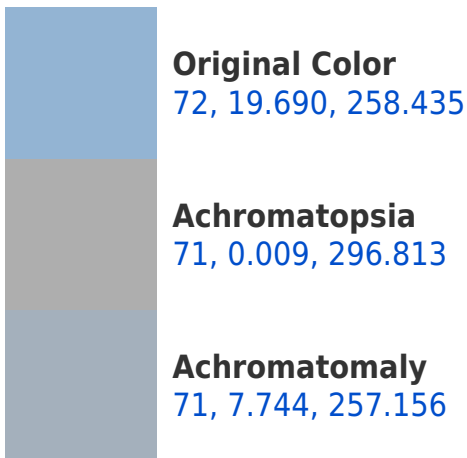


Tritanopia
72, 15.011, 229.219

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 19.690, 258.435 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(147, 180, 211)` looks like.

```
.text, #text, p{  
    color:rgb(147, 180, 211)  
}
```

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(147, 180, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 180, 211) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 19.690, 258.435 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(147, 180, 211) }
```

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

```
.border{ border-color:rgb(147, 180, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 180, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 180, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 180, 211);  
box-shadow:4px 4px 4px 4px rgb(147, 180,  
211) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 19.690, 258.435 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 180, 211) }
```

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

```
.background{ background-color: rgb(147,  
180, 211) }
```

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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