

# Converting Colors

CIELCh(73, 18.508, 252.258)

Have a look what the booklet for  
CIELCh(73, 18.508, 252.258)  
contains.

<b>CIELCh(73, 18.482, 251.659)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	21
<b><i>Color Blindness Simulation</i></b> .....	24
<b><i>CSS Examples</i></b> .....	27

# Color

**CIELCh(73, 18.482, 251.659)**

# Conversions

## Conversions Part 1

Format	Color
Hex	94B8D3
RGB	148, 184, 211
RGB Percent	58%, 72%, 83%
CMY	0.4204, 0.2792, 0.1734
CMYK	0.30, 0.13, 0.00, 0.17
HSL	206°, 42%, 70%
HSV	206°, 30%, 83%
XYZ	41.0045, 45.1644, 68.0445
YIQ	176.3140, -30.1230, 0.7650

# Conversions

## Conversions Part 2

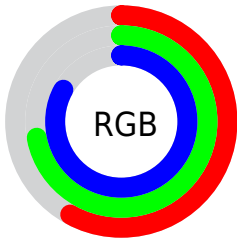
Format	Color
<b>RYB</b>	148, 171, 211
Decimal	9746643
CIELab	73.00, -5.82, -17.54
CIELCh	73, 18.482, 251.659
Yxy	45.1644, 0.2659, 0.2929
Android (android.graphics.Color)	4287936723 (0xFF94B8D3)
YUV	176.3140, 17.1002, -24.8314
Hunter-Lab	67.2044, -8.6969, -12.9880

# Details

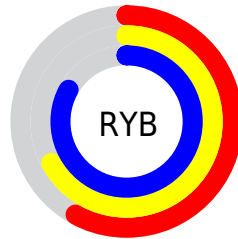
The CIELCh color **73, 18.482, 251.659** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **74, 20.844, 64.039**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 14.252, 231.849**, and **53, 18.384, 250.971** is the 20% darker color. If you saturate the color by 10%, you get **69, 24.263, 253.738**, and if you desaturate by 10%, it is **77, 12.472, 249.941**.

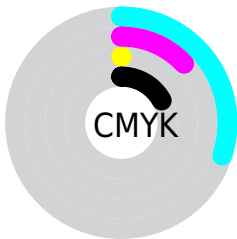
# Distribution



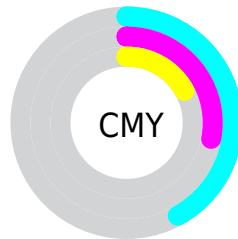
- Red (58%)
- Green (72%)
- Blue (83%)



- Red (58%)
- Yellow (67%)
- Blue (83%)



- Cyan (30%)
- Magenta (13%)
- Yellow (0%)
- Black (17%)



- Cyan (42%)
- Magenta (28%)
- Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 18.482, 251.659 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, 18.482, 251.659 by changing the saturation by 10% instead.



■ 73, 18.482,  
251.659

■ 73, 18.482,  
251.659

■ 100, 18.482,  
251.659

■ 63, 18.482,  
251.659

■ 93, 18.482,  
251.659

■ 53, 18.482,  
251.659

■ 43, 18.482,  
251.659

■ 33, 18.482,  
251.659

■ 23, 18.482,  
251.659

■ 13, 18.482,  
251.659

■ 3, 18.482, 251.659

0, 18.482, 251.659

73, 18.482,  
251.659

73, 18.482,  
251.659

69, 24.263,  
253.738

77, 12.472,  
249.941

66, 29.785,  
256.258

81, 6.274, 248.547

62, 35.035,  
259.284

85, 0.069, 60.876

88, 6.518, 66.226

59, 40.033,  
262.868

92, 13.041, 65.422

56, 44.848,  
267.017

95, 15.309, 84.534

97, 18.652, 99.571

53, 49.594,  
271.660

99, 22.333,

■ 50, 54.445,  
276.519

108.486

■ 50, 54.503,  
276.573

# Harmonies

# Complementary

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



73, 18.482, 251.659



74, 20.844, 64.039

# Rectangle

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



73, 18.482, 251.659



73, 18.482, 301.659



73, 18.482, 71.659



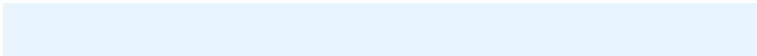
73, 18.482, 121.659

# Sweetspot

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



73, 18.481, 251.656



96, 6.675, 248.452



80, 30.094, 156.798



51, 4.630, 248.633



0, 0.000, 0.000



53, 0.007, 296.813



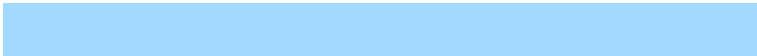


# Same Dimension

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



73, 18.481, 251.656



84, 25.714, 252.965



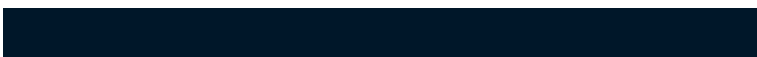
65, 32.145, 290.478



42, 3.581, 248.489



40, 45.466, 275.733



7, 14.695, 264.267



# Inverse Universe

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



68, 30.569, 342.534



78, 42.938, 343.205



82, 30.290, 103.476



41, 5.693, 340.680



36, 63.351, 355.135

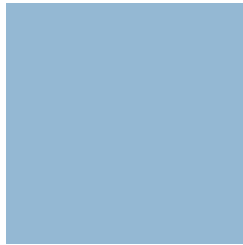


5, 22.643, 349.221



# Previews

## White Background



This preview shows how the CIE LCh color 73, 18.482, 251.659 looks on a white background.

## Color Contrast Check

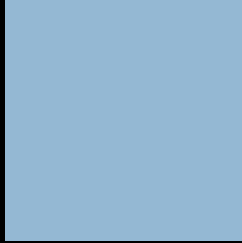
Large Text (above 18pt) WCAG AA × Fail

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, 18.482, 251.659 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

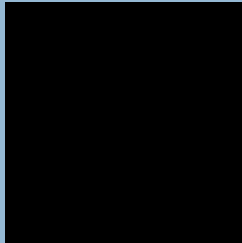
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

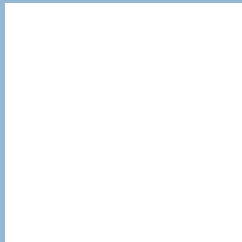
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**CIELCh 73, 18.482, 251.659**

## **Background**



This preview shows how black text looks on a background with the CIELCh color 73, 18.482, 251.659.



This preview shows how white text looks on a background with the CIELCh color 73, 18.482, 251.659.

# 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

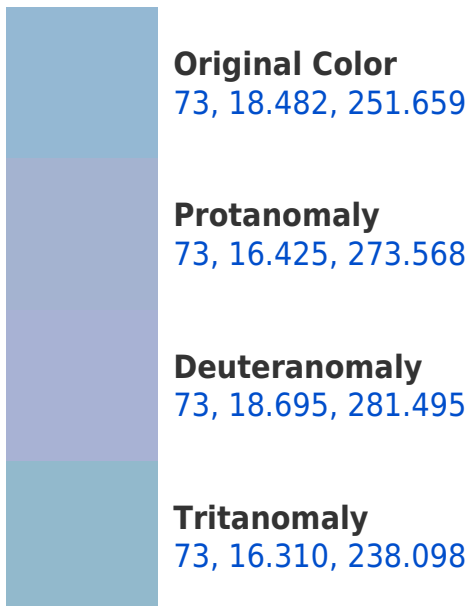






**Tritanopia**  
73, 15.524, 227.977

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to CIELCh 73, 18.482, 251.659 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(148, 184, 211)` looks like.

```
.text, #text, p{  
    color:rgb(148, 184, 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(148, 184, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 184, 211) }
```

## Border

The CSS property to change the border of an element to CIELCh 73, 18.482, 251.659 is called "border". The border property can be set on classes, ids or directly on the HTML element.

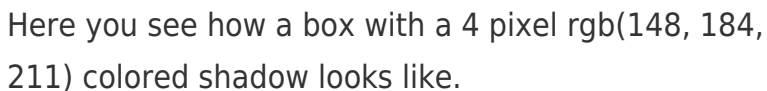
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(148, 184, 211) }
```

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

```
.border{ border-color:rgb(148, 184, 211) }
```

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



Here you see how a box with a 4 pixel `rgb(148, 184, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(148, 184, 211); -webkit-box-shadow:4px 4px 4px 4px rgb(148, 184, 211); box-shadow:4px 4px 4px 4px rgb(148, 184, 211) }
```

# Background

The CSS property to change the background color of an element to CIELCh 73, 18.482, 251.659 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 184, 211) }
```

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

```
.background{ background-color: rgb(148,  
184, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor