

Converting Colors

CIELCh(74, 6.751, 201.205)

Have a look what the booklet for
CIELCh(74, 6.751, 201.205) contains.

CIELCh(74, 6.868, 198.931)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(74, 6.868, 198.931)

Conversions

Conversions Part 1

Format	Color
Hex	A7BABA
RGB	167, 186, 186
RGB Percent	65%, 73%, 73%
CMY	0.3463, 0.2718, 0.2718
CMYK	0.10, 0.00, 0.00, 0.27
HSL	180°, 12%, 69%
HSV	180°, 10%, 73%
XYZ	42.1977, 46.7039, 53.0749
YIQ	180.3190, -11.3240, -4.0280

Conversions

Conversions Part 2

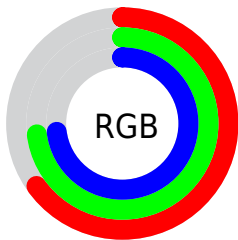
Format	Color
RYB	167, 177, 186
Decimal	10992314
CIELab	74.00, -6.50, -2.23
CIELCh	74, 6.868, 198.931
Yxy	46.7039, 0.2972, 0.3290
Android (android.graphics.Color)	4289182394 (0xFFA7BABA)
YUV	180.3190, 2.8007, -11.6808
Hunter-Lab	68.3403, -9.3782, 1.7920

Details

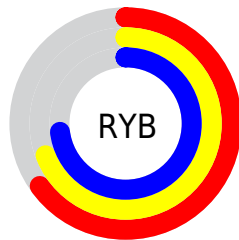
The CIELCh color **74, 6.868, 198.931** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **70, 7.323, 19.975**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 6.912, 199.042**, and **54, 6.865, 198.763** is the 20% darker color. If you saturate the color by 10%, you get **73, 13.198, 198.381**, and if you desaturate by 10%, it is **75, 0.158, 202.693**.

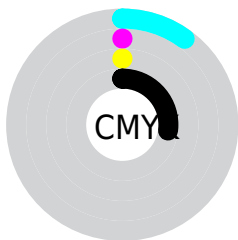
Distribution



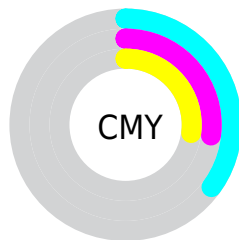
- Red (65%)
- Green (73%)
- Blue (73%)



- Red (65%)
- Yellow (69%)
- Blue (73%)



- Cyan (10%)
- Magenta (0%)
- Yellow (0%)
- Black (27%)



- Cyan (35%)
- Magenta (27%)
- Yellow (27%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 6.868, 198.931 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 74, 6.868, 198.931 by changing the saturation by 10% instead.

 74, 6.868, 198.931

 74, 6.868, 198.931

 100, 6.868,
198.931

 64, 6.868, 198.931

 94, 6.868, 198.931


 54, 6.868, 198.931

 44, 6.868, 198.931

 34, 6.868, 198.931

 24, 6.868, 198.931

 14, 6.868, 198.931

 4, 6.868, 198.931

 0, 6.868, 198.931

 74, 6.868, 198.931

 74, 6.868, 198.931

73, 13.198,
198.381

75, 0.158, 202.693

72, 19.039,
197.914

77, 6.838, 19.874

71, 24.282,
197.507

79, 14.031, 20.506

70, 28.826,
197.160

82, 26.923, 21.598

69, 32.585,
196.878

82, 26.922, 21.595

69, 35.507,
196.660

82, 26.922, 21.592

69, 37.581,
196.507

82, 26.922, 21.589

68, 38.847,
196.413

82, 26.922, 21.586

68, 39.493,

Harmonies

Complementary

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



74, 6.868, 198.931



70, 7.323, 19.975

Rectangle

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



74, 6.868, 198.931



74, 6.868, 248.931



74, 6.868, 18.931



74, 6.868, 68.931

Sweetspot

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



74, 6.869, 198.918



95, 2.542, 199.476



74, 12.514, 143.432



51, 1.939, 199.380



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



74, 6.869, 198.918



94, 9.947, 198.804



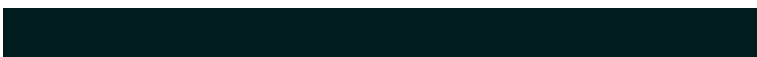
72, 6.073, 254.957



38, 3.777, 198.972



58, 34.647, 196.365



8, 10.519, 197.722

Inverse Universe

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



70, 7.323, 19.975



88, 10.742, 20.131



72, 6.238, 72.324



36, 4.004, 19.904



32, 71.865, 39.593



2, 10.638, 19.396

Previews

White Background



This preview shows how the CIELCh color 74, 6.868, 198.931 looks on a white background.

Color Contrast Check

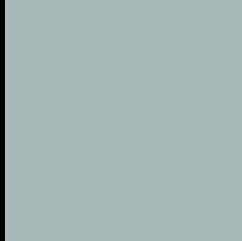
Large Text (above 18pt) WCAG AA × Fail

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 74, 6.868, 198.931 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

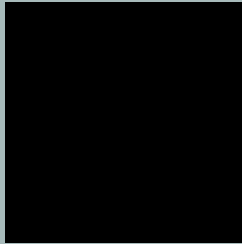
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

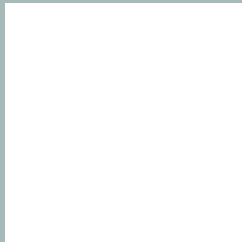
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 6.868, 198.931

Background



This preview shows how black text looks on a background with the CIELCh color 74, 6.868, 198.931.

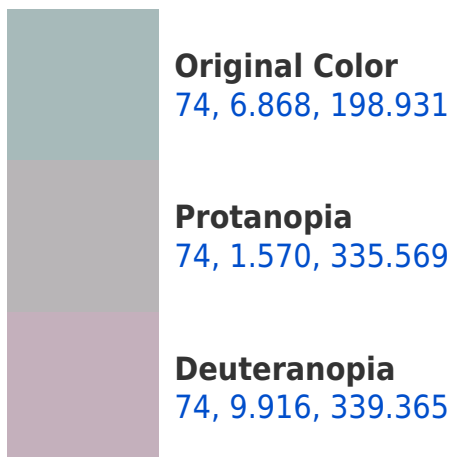


This preview shows how white text looks on a background with the CIELCh color 74, 6.868, 198.931.

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
74, 9.128, 255.522

Trichromacy



Original Color
74, 6.868, 198.931

Protanomaly
74, 1.912, 215.983

Deuteranomaly
74, 4.244, 316.297

Tritanomaly
74, 7.665, 238.652

Monochromacy



Original Color
74, 6.868, 198.931

Achromatopsia
73, 0.009, 296.813

Achromatomaly
74, 2.579, 199.394

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 6.868, 198.931 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(167, 186, 186)` looks like.

```
.text, #text, p{  
    color:rgb(167, 186, 186)  
}
```

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(167, 186, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 186, 186) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 6.868, 198.931 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(167, 186, 186) }
```

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

```
.border{ border-color:rgb(167, 186, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 186, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 186, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 186, 186);  
box-shadow:4px 4px 4px 4px rgb(167, 186,  
186) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 6.868, 198.931 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 186, 186) }
```

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

```
.background{ background-color: rgb(167,  
186, 186) }
```

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