

Converting Colors

CIELCh(74, 8.487, 200.850)

Have a look what the booklet for
CIELCh(74, 8.487, 200.850) contains.

CIELCh(74, 8.606, 198.781)	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, 8.606, 198.781)

Conversions

Conversions Part 1

Format	Color
Hex	A3BBBB
RGB	163, 187, 187
RGB Percent	64%, 73%, 73%
CMY	0.3622, 0.2681, 0.2681
CMYK	0.13, 0.00, 0.00, 0.27
HSL	180°, 15%, 68%
HSV	180°, 13%, 73%
XYZ	41.6520, 46.7039, 53.6256
YIQ	179.8240, -14.3040, -5.0880

Conversions

Conversions Part 2

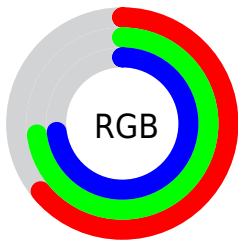
Format	Color
RYB	163, 175, 187
Decimal	10730427
CIELab	74.00, -8.15, -2.77
CIELCh	74, 8.606, 198.781
Yxy	46.7039, 0.2934, 0.3289
Android (android.graphics.Color)	4288920507 (0xFFA3BBBB)
YUV	179.8240, 3.5378, -14.7546
Hunter-Lab	68.3403, -10.8034, 1.3142

Details

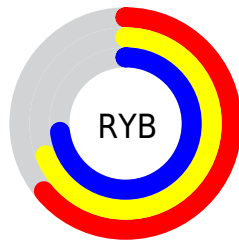
The CIELCh color **74, 8.606, 198.781** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **69, 9.335, 20.187**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 8.589, 198.917**, and **54, 8.672, 198.573** is the 20% darker color. If you saturate the color by 10%, you get **73, 14.844, 198.256**, and if you desaturate by 10%, it is **75, 1.959, 199.507**.

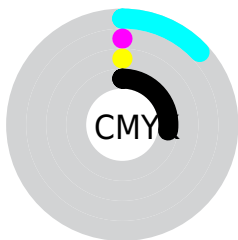
Distribution



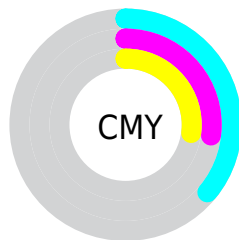
- Red (64%)
- Green (73%)
- Blue (73%)



- Red (64%)
- Yellow (69%)
- Blue (73%)



- Cyan (13%)
- Magenta (0%)
- Yellow (0%)
- Black (27%)



- Cyan (36%)
- Magenta (27%)
- Yellow (27%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 8.606, 198.781 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, 8.606, 198.781 by changing the saturation by 10% instead.

 74, 8.606, 198.781

 74, 8.606, 198.781

 100, 8.606,
198.781

 64, 8.606, 198.781

 94, 8.606, 198.781

 54, 8.606, 198.781

 44, 8.606, 198.781

 34, 8.606, 198.781

 24, 8.606, 198.781

 14, 8.606, 198.781

 4, 8.606, 198.781

 0, 8.606, 198.781

 74, 8.606, 198.781

 74, 8.606, 198.781

73, 14.844,
198.256

75, 1.959, 199.507

72, 20.561,
197.805

77, 4.999, 19.697

71, 25.649,
197.413

78, 12.177, 20.346

70, 30.010,
197.084

82, 26.522, 21.559

70, 33.566,
196.818

82, 26.522, 21.557

69, 36.274,
196.619

82, 26.522, 21.555

69, 38.134,
196.482

82, 26.522, 21.553

69, 39.205,
196.403

82, 26.522, 21.551

69, 39.640,

Harmonies

Complementary

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



74, 8.606, 198.781



69, 9.335, 20.187

Rectangle

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



74, 8.606, 198.781



74, 8.606, 248.781



74, 8.606, 18.781



74, 8.606, 68.781

Sweetspot

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



74, 8.607, 198.771



95, 3.382, 199.362



73, 15.815, 143.260



51, 2.419, 199.292



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, 8.607, 198.771



93, 12.329, 198.641



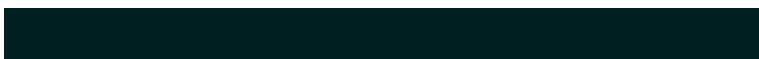
71, 7.649, 255.319



39, 3.863, 198.974



59, 35.062, 196.371



9, 11.664, 196.728

Inverse Universe

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



69, 9.335, 20.187



86, 13.589, 20.385



72, 7.922, 72.021



37, 4.096, 19.910



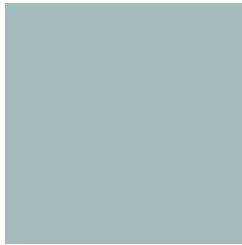
32, 72.799, 39.660



3, 12.251, 19.399

Previews

White Background



This preview shows how the CIELCh color 74, 8.606, 198.781 looks on a white background.

Color Contrast Check

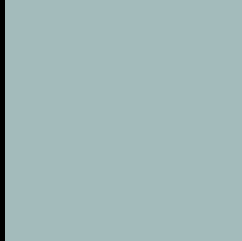
Large Text (above 18pt) WCAG AA × Fail

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 74, 8.606, 198.781 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

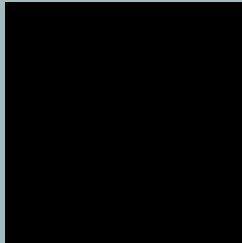
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

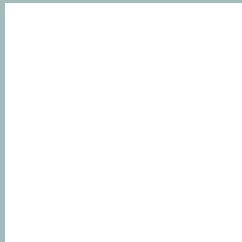
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 8.606, 198.781

Background



This preview shows how black text looks on a background with the CIELCh color 74, 8.606, 198.781.

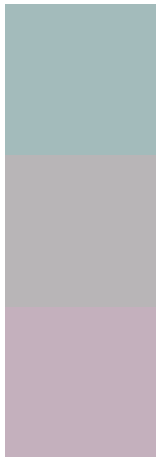


This preview shows how white text looks on a background with the CIELCh color 74, 8.606, 198.781.

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

74, 8.606, 198.781

Protanopia

74, 1.570, 335.569

Deuteranopia

74, 10.272, 337.077



Tritanopia
74, 10.165, 247.450

Trichromacy



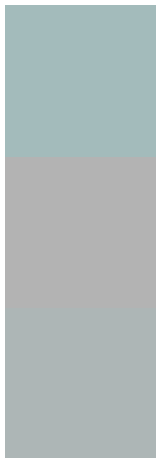
Original Color
74, 8.606, 198.781

Protanomaly
74, 2.619, 211.336

Deuteranomaly
74, 4.602, 309.228

Tritanomaly
74, 9.043, 231.633

Monochromacy



Original Color
74, 8.606, 198.781

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 3.308, 199.291

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 8.606, 198.781 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(163, 187, 187)` looks like.

```
.text, #text, p{  
    color:rgb(163, 187, 187)  
}
```

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(163, 187, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 187, 187) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 8.606, 198.781 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(163, 187, 187) }
```

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

```
.border{ border-color:rgb(163, 187, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 187, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 187, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 187, 187);  
box-shadow:4px 4px 4px 4px rgb(163, 187,  
187) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 8.606, 198.781 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 187, 187) }
```

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

```
.background{ background-color: rgb(163,  
187, 187) }
```

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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