

Converting Colors

CIELCh(74, 7.976, 194.939)

Have a look what the booklet for
CIELCh(74, 7.976, 194.939) contains.

CIELCh(74, 7.967, 194.921)	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, 7.967, 194.921)

Conversions

Conversions Part 1

Format	Color
Hex	A4BAB9
RGB	164, 186, 185
RGB Percent	64%, 73%, 73%
CMY	0.3556, 0.2693, 0.2732
CMYK	0.12, 0.00, 0.01, 0.27
HSL	177°, 14%, 69%
HSV	177°, 12%, 73%
XYZ	41.8000, 46.7039, 52.8963
YIQ	179.3080, -12.7910, -4.9750

Conversions

Conversions Part 2

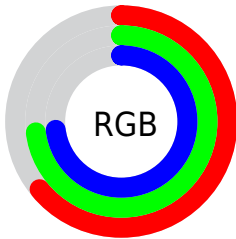
Format	Color
RYB	164, 175, 186
Decimal	10795705
CIELab	74.00, -7.70, -2.05
CIELCh	74, 7.967, 194.921
Yxy	46.7039, 0.2956, 0.3303
Android (android.graphics.Color)	4288985785 (0xFFA4BAB9)
YUV	179.3080, 2.8062, -13.4251
Hunter-Lab	68.3403, -10.4167, 1.9470

Details

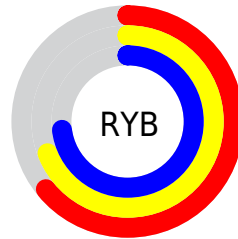
The CIELCh color $74, 7.967, 194.921$ is a light color, and the websafe version is hex `99CCCC`. A complement of this color would be $69, 8.530, 16.445$, and the grayscale version is $73, 0.009, 296.813$.

A 20% lighter version of the original color is $94, 7.965, 195.243$, and $54, 8.021, 194.492$ is the 20% darker color. If you saturate the color by 10%, you get $73, 14.325, 194.246$, and if you desaturate by 10%, it is $75, 1.246, 195.912$.

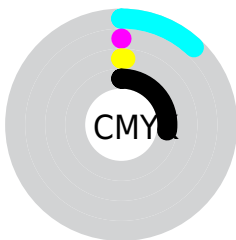
Distribution



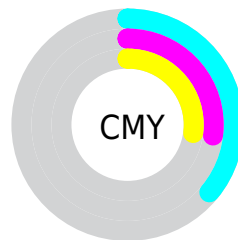
- Red (64%)
- Green (73%)
- Blue (73%)



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



- Cyan (12%)
- Magenta (0%)
- Yellow (1%)
- Black (27%)



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 7.967, 194.921 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, 7.967, 194.921 by changing the saturation by 10% instead.

■ 74, 7.967, 194.921

■ 74, 7.967, 194.921

■ 100, 7.967,
194.921

■ 64, 7.967, 194.921

■ 94, 7.967, 194.921

■ 54, 7.967, 194.921

■ 44, 7.967, 194.921

■ 34, 7.967, 194.921

■ 24, 7.967, 194.921

■ 14, 7.967, 194.921

■ 4, 7.967, 194.921

■ 0, 7.967, 194.921

■ 74, 7.967, 194.921

■ 74, 7.967, 194.921

73, 14.325,
194.246

75, 1.246, 195.912

72, 20.209,
193.616

77, 5.740, 16.070

71, 25.509,
193.010

79, 12.905, 16.791

70, 30.117,
192.424

82, 26.510, 17.944

69, 33.947,
191.850

82, 26.493, 16.986

69, 36.943,
191.283

82, 26.483, 16.028

69, 39.091,
190.712

82, 26.482, 15.069

68, 40.436,
190.124

82, 26.489, 14.110

68, 41.106,

189.629

Harmonies

Complementary

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



74, 7.967, 194.921



69, 8.530, 16.445

Rectangle

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



74, 7.967, 194.921



74, 7.967, 244.921



74, 7.967, 14.921



74, 7.967, 64.921

Sweetspot

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



74, 7.968, 194.911



95, 3.395, 195.535



74, 14.344, 142.459



51, 2.429, 195.456



98, 0.011, 296.813



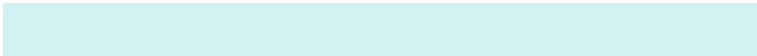
51, 0.007, 296.813

Same Dimension

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



74, 7.968, 194.911



93, 11.620, 194.744



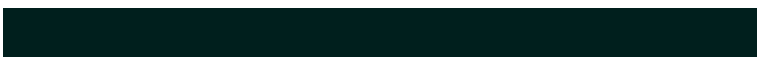
71, 6.858, 251.339



39, 3.885, 195.085



59, 36.383, 189.709



9, 11.896, 191.677

Inverse Universe

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



69, 8.530, 16.445



86, 12.623, 16.667



72, 7.125, 68.430



37, 4.098, 16.227



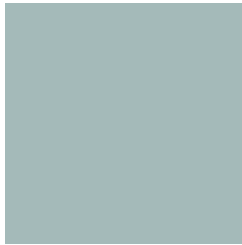
32, 71.054, 37.806



3, 12.272, 16.778

Previews

White Background



This preview shows how the CIELCh color 74, 7.967, 194.921 looks on a white background.

Color Contrast Check

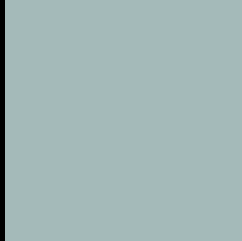
Large Text (above 18pt) WCAG AA × Fail

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, 7.967, 194.921 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

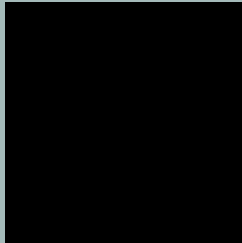
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

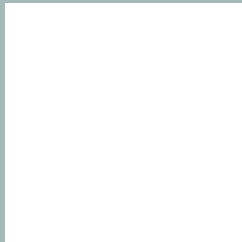
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 7.967, 194.921

Background



This preview shows how black text looks on a background with the CIELCh color 74, 7.967, 194.921.

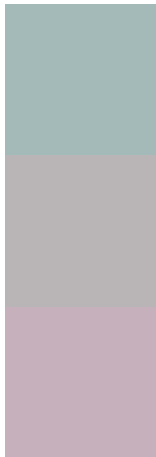


This preview shows how white text looks on a background with the CIELCh color 74, 7.967, 194.921.

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](#).

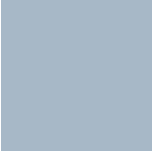
Dichromacy



Original Color
74, 7.967, 194.921

Protanopia
74, 1.596, 359.422

Deuteranopia
74, 9.873, 343.222



Tritanopia
74, 9.943, 254.139

Trichromacy



Original Color
74, 7.967, 194.921

Protanomaly
74, 2.211, 199.459

Deuteranomaly
74, 3.765, 319.888

Tritanomaly
74, 8.207, 235.555

Monochromacy



Original Color
74, 7.967, 194.921

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 2.944, 199.339

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 7.967, 194.921 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(164, 186, 185)` looks like.

```
.text, #text, p{  
    color:rgb(164, 186, 185)  
}
```

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(164, 186, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 186, 185) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 7.967, 194.921 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(164, 186, 185) }
```

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

```
.border{ border-color:rgb(164, 186, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 186, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 186, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 186, 185);  
box-shadow:4px 4px 4px 4px rgb(164, 186,  
185) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 7.967, 194.921 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 186, 185) }
```

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

```
.background{ background-color: rgb(164,  
186, 185) }
```

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