

Converting Colors

CIELCh(74, 3.721, 215.891)

Have a look what the booklet for
CIELCh(74, 3.721, 215.891) contains.

CIELCh(74, 3.787, 215.891)	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, 3.787, 215.891)

Conversions

Conversions Part 1

Format	Color
Hex	AEB8BA
RGB	174, 184, 186
RGB Percent	68%, 72%, 73%
CMY	0.3185, 0.2792, 0.2714
CMYK	0.06, 0.01, 0.00, 0.27
HSL	190°, 8%, 71%
HSV	190°, 6%, 73%
XYZ	43.3458, 46.7039, 53.0667
YIQ	181.2380, -6.6020, -1.4980

Conversions

Conversions Part 2

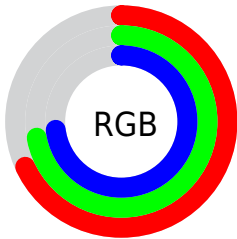
Format	Color
RYB	174, 179, 186
Decimal	11450554
CIELab	74.00, -3.07, -2.22
CIELCh	74, 3.787, 215.891
Yxy	46.7039, 0.3029, 0.3263
Android (android.graphics.Color)	4289640634 (0xFFFAEB8BA)
YUV	181.2380, 2.3477, -6.3477
Hunter-Lab	68.3403, -6.3793, 1.7991

Details

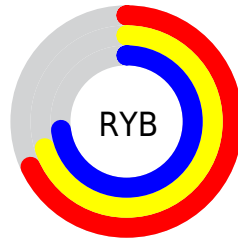
The CIELCh color $74, 3.787, 215.891$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $73, 3.941, 35.499$, and the grayscale version is $74, 0.009, 296.813$.

A 20% lighter version of the original color is $94, 3.948, 214.453$, and $54, 3.643, 217.651$ is the 20% darker color. If you saturate the color by 10%, you get $72, 9.396, 215.988$, and if you desaturate by 10%, it is $76, 2.121, 35.389$.

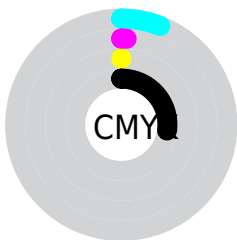
Distribution



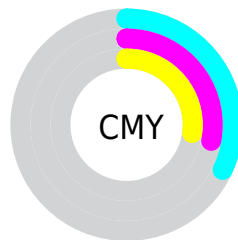
- Red (68%)
- Green (72%)
- Blue (73%)



- Red (68%)
- Yellow (70%)
- Blue (73%)



- Cyan (6%)
- Magenta (1%)
- Yellow (0%)
- Black (27%)



- Cyan (32%)
- Magenta (28%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 3.787, 215.891 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, 3.787, 215.891 by changing the saturation by 10% instead.

■ 74, 3.787, 215.891

■ 74, 3.787, 215.891

■ 100, 3.787,
215.891

■ 64, 3.787, 215.891

■ 94, 3.787, 215.891

■ 54, 3.787, 215.891

■ 44, 3.787, 215.891

■ 34, 3.787, 215.891

■ 24, 3.787, 215.891

■ 14, 3.787, 215.891

■ 4, 3.787, 215.891

■ 0, 3.787, 215.891

■ 74, 3.787, 215.891

■ 74, 3.787, 215.891

72, 9.396, 215.988

76, 2.121, 35.389

70, 14.624,
216.321

79, 8.257, 35.568

68, 19.380,
216.852

81, 14.560, 35.660

66, 23.574,
217.621

83, 20.981, 35.787

64, 27.119,
218.683

86, 22.420, 43.276

63, 29.950,
220.102

86, 22.032, 48.113

62, 32.034,
221.947

87, 21.810, 53.084

60, 33.390,
224.289

88, 21.759, 58.114

59, 34.118,
227.166

Harmonies

Complementary

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



74, 3.787, 215.891



73, 3.941, 35.499

Rectangle

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



74, 3.787, 215.891



74, 3.787, 265.891



74, 3.787, 35.891



74, 3.787, 85.891

Sweetspot

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



74, 3.788, 215.863



95, 1.471, 216.105



74, 7.138, 148.488



51, 0.844, 216.127



98, 0.011, 296.813



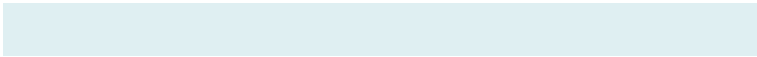
51, 0.007, 296.813

Same Dimension

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



74, 3.788, 215.863



93, 5.796, 215.861



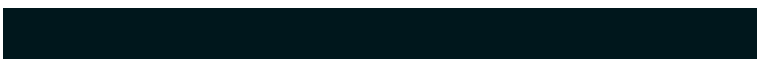
72, 4.486, 270.644



38, 3.267, 215.868



50, 30.098, 227.752



6, 8.647, 223.691

Inverse Universe

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



72, 7.075, 329.728



91, 10.885, 329.837



74, 4.483, 88.922



36, 6.159, 329.914



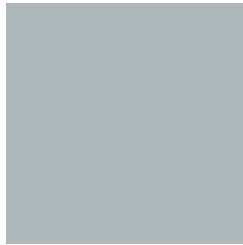
35, 70.278, 336.057



3, 15.895, 332.183

Previews

White Background



This preview shows how the CIELCh color 74, 3.787, 215.891 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, 3.787, 215.891 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

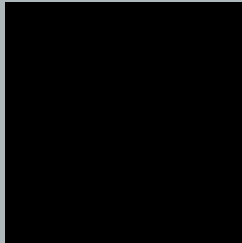
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

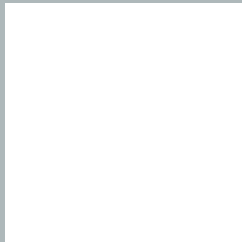
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 3.787, 215.891

Background



This preview shows how black text looks on a background with the CIELCh color 74, 3.787, 215.891.

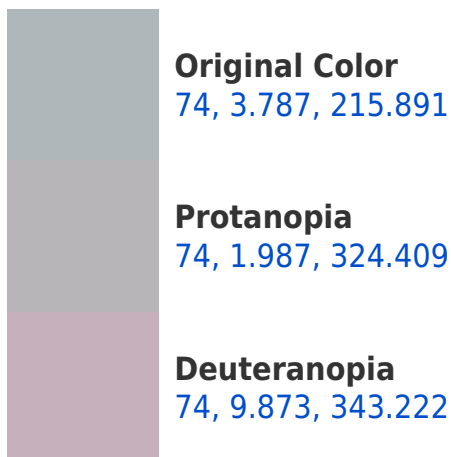


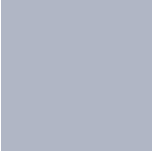
This preview shows how white text looks on a background with the CIELCh color 74, 3.787, 215.891.

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, 8.358, 276.130

Trichromacy



Original Color
74, 3.787, 215.891

Protanomaly
74, 1.779, 265.910

Deuteranomaly
74, 5.735, 330.801

Tritanomaly
74, 6.078, 262.472

Monochromacy



Original Color
74, 3.787, 215.891

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 1.566, 219.865

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 3.787, 215.891 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(174, 184, 186)` looks like.

```
.text, #text, p{  
    color:rgb(174, 184, 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(174, 184, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 184, 186) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 3.787, 215.891 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(174, 184, 186) }
```

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

```
.border{ border-color:rgb(174, 184, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 184, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 184, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 184, 186);  
box-shadow:4px 4px 4px 4px rgb(174, 184,  
186) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 3.787, 215.891 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 184, 186) }
```

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

```
.background{ background-color: rgb(174,  
184, 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