

Converting Colors

CIELCh(74, 4.486, 188.720)

Have a look what the booklet for
CIELCh(74, 4.486, 188.720) contains.

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Color

CIELCh(74, 4.438, 192.144)

Conversions

Conversions Part 1

Format	Color
Hex	ACB8B7
RGB	172, 184, 183
RGB Percent	67%, 72%, 72%
CMY	0.3239, 0.2768, 0.2807
CMYK	0.07, 0.00, 0.01, 0.28
HSL	175°, 8%, 70%
HSV	175°, 7%, 72%
XYZ	42.9179, 46.7039, 51.7761
YIQ	180.2980, -6.8310, -2.8550

Conversions

Conversions Part 2

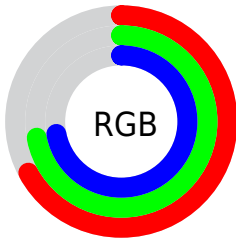
Format	Color
RYB	172, 178, 184
Decimal	11319479
CIELab	74.00, -4.34, -0.93
CIELCh	74, 4.438, 192.144
Yxy	46.7039, 0.3035, 0.3303
Android (android.graphics.Color)	4289509559 (0xFFACB8B7)
YUV	180.2980, 1.3321, -7.2773
Hunter-Lab	68.3403, -7.4970, 2.9188

Details

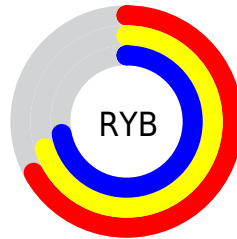
The CIELCh color `74, 4.438, 192.144` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `72, 4.595, 12.888`, and the grayscale version is `74, 0.009, 296.813`.

A 20% lighter version of the original color is `94, 4.576, 192.772`, and `54, 4.324, 191.371` is the 20% darker color. If you saturate the color by 10%, you get `73, 11.022, 191.323`, and if you desaturate by 10%, it is `75, 2.421, 12.532`.

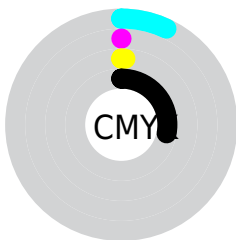
Distribution



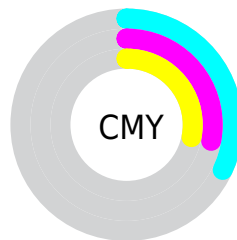
- Red (67%)
- Green (72%)
- Blue (72%)



- Red (67%)
- Yellow (70%)
- Blue (72%)



- Cyan (7%)
- Magenta (0%)
- Yellow (1%)
- Black (28%)



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 4.438, 192.144 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, 4.438, 192.144 by changing the saturation by 10% instead.

■ 74, 4.438, 192.144

■ 74, 4.438, 192.144

■ 100, 4.438,
192.144

■ 64, 4.438, 192.144

■ 94, 4.438, 192.144

■ 54, 4.438, 192.144

■ 44, 4.438, 192.144

■ 34, 4.438, 192.144

■ 24, 4.438, 192.144

■ 14, 4.438, 192.144

■ 4, 4.438, 192.144

■ 0, 4.438, 192.144

■ 74, 4.438, 192.144

■ 74, 4.438, 192.144

73, 11.022,
191.323

75, 2.421, 12.532

72, 17.224,
190.570

77, 9.469, 13.416

71, 22.935,
189.820

79, 16.627, 14.162

70, 28.041,
189.063

82, 27.293, 14.349

69, 32.442,
188.289

82, 27.319, 12.661

68, 36.057,
187.486

82, 27.371, 10.978

68, 38.843,
186.640

82, 27.448, 9.304

68, 40.806,
185.734

82, 27.550, 7.641

68, 42.028,

184.755

Harmonies

Complementary

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



74, 4.438, 192.144



72, 4.595, 12.888

Rectangle

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



74, 4.438, 192.144



74, 4.438, 242.144



74, 4.438, 12.144



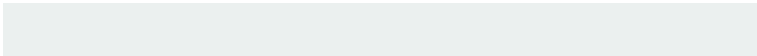
74, 4.438, 62.144

Sweetspot

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



74, 4.439, 192.125



94, 1.699, 192.702



74, 7.688, 141.418



50, 0.965, 192.730



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



74, 4.439, 192.125



93, 6.729, 191.984



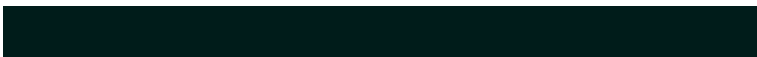
73, 3.674, 244.704



38, 3.828, 191.884



58, 37.328, 184.554



8, 10.829, 188.412

Inverse Universe

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



72, 4.595, 12.888



89, 7.024, 13.046



73, 3.761, 63.131



36, 4.021, 13.161



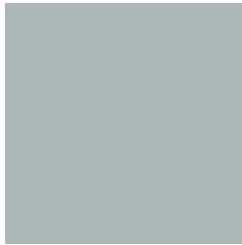
32, 68.734, 36.069



2, 10.693, 14.333

Previews

White Background



This preview shows how the CIELCh color 74, 4.438, 192.144 looks on a white background.

Color Contrast Check

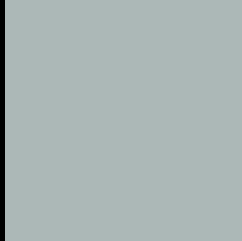
Large Text (above 18pt) WCAG AA × Fail

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, 4.438, 192.144 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

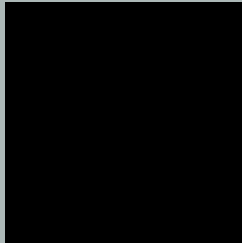
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

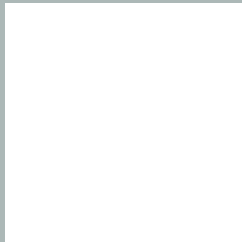
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 4.438, 192.144

Background



This preview shows how black text looks on a background with the CIELCh color 74, 4.438, 192.144.



This preview shows how white text looks on a background with the CIELCh color 74, 4.438, 192.144.

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

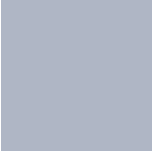
74, 4.438, 192.144

Protanopia

74, 1.496, 19.187

Deuteranopia

74, 9.604, 349.821



Tritanopia
74, 8.448, 273.801

Trichromacy



Original Color
74, 4.438, 192.144

Protanomaly
74, 0.740, 200.040

Deuteranomaly
74, 4.633, 343.998

Tritanomaly
74, 5.796, 256.689

Monochromacy



Original Color
74, 4.438, 192.144

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 1.479, 199.632

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 4.438, 192.144 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(172, 184, 183)` looks like.

```
.text, #text, p{  
    color:rgb(172, 184, 183)  
}
```

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(172, 184, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 184, 183) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 4.438, 192.144 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(172, 184, 183) }
```

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

```
.border{ border-color:rgb(172, 184, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 184, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 184, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 184, 183);  
box-shadow:4px 4px 4px 4px rgb(172, 184,  
183) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 4.438, 192.144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 184, 183) }
```

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

```
.background{ background-color: rgb(172,  
184, 183) }
```

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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