

Converting Colors

CIELCh(74, 7.870, 147.916)

Have a look what the booklet for
CIELCh(74, 7.870, 147.916) contains.

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Color

CIELCh(74, 7.722, 148.573)

Conversions

Conversions Part 1

Format	Color
Hex	ACB9AE
RGB	172, 185, 174
RGB Percent	67%, 73%, 68%
CMY	0.3243, 0.2733, 0.3164
CMYK	0.07, 0.00, 0.06, 0.27
HSL	129°, 9%, 70%
HSV	129°, 7%, 73%
XYZ	42.1669, 46.7039, 46.9960
YIQ	179.8590, -4.2170, -6.1770

Conversions

Conversions Part 2

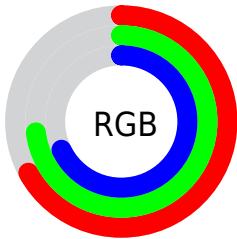
Format	Color
RYB	172, 183, 185
Decimal	11319726
CIELab	74.00, -6.59, 4.03
CIELCh	74, 7.722, 148.573
Yxy	46.7039, 0.3104, 0.3437
Android (android.graphics.Color)	4289509806 (0xFFACB9AE)
YUV	179.8590, -2.8885, -6.8923
Hunter-Lab	68.3403, -9.4585, 7.0659

Details

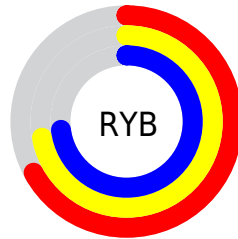
The CIELCh color $74, 7.722, 148.573$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $72, 7.746, 329.345$, and the grayscale version is $73, 0.009, 296.813$.

A 20% lighter version of the original color is $94, 7.968, 148.297$, and $54, 7.524, 148.866$ is the 20% darker color. If you saturate the color by 10%, you get $72, 18.833, 147.853$, and if you desaturate by 10%, it is $76, 3.265, 329.050$.

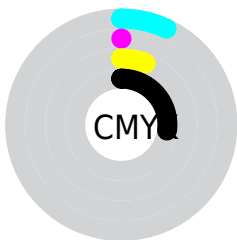
Distribution



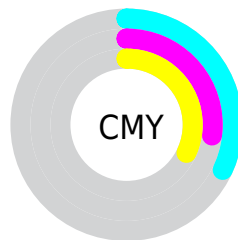
- Red (67%)
- Green (73%)
- Blue (68%)



- Red (67%)
- Yellow (72%)
- Blue (73%)



- Cyan (7%)
- Magenta (0%)
- Yellow (6%)
- Black (27%)



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 7.722, 148.573 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, 7.722, 148.573 by changing the saturation by 10% instead.

■ 74, 7.722, 148.573

■ 74, 7.722, 148.573

■ 100, 7.722,
148.573

■ 64, 7.722, 148.573

■ 94, 7.722, 148.573

■ 54, 7.722, 148.573

■ 44, 7.722, 148.573

■ 34, 7.722, 148.573

■ 24, 7.722, 148.573

■ 14, 7.722, 148.573

■ 4, 7.722, 148.573

■ 0, 7.722, 148.573

■ 74, 7.722, 148.573

■ 74, 7.722, 148.573

72, 18.833,
147.853

76, 3.265, 329.050

71, 29.933,
147.035

78, 14.042,
329.633

70, 40.857,
146.089

80, 24.544,
330.090

68, 51.397,
144.999

82, 34.734,
330.484

68, 61.309,
143.760

84, 42.722,
326.850

67, 70.329,
142.382

84, 43.671,
325.937

66, 78.179,
140.905

66, 84.596,
139.405

66, 89.375,

Harmonies

Complementary

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



74, 7.722, 148.573



72, 7.746, 329.345

Rectangle

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



74, 7.722, 148.573



74, 7.722, 198.573



74, 7.722, 328.573



74, 7.722, 18.573

Sweetspot

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



74, 7.724, 148.572



94, 2.696, 148.972



75, 7.040, 115.546



50, 1.531, 148.985



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, 7.724, 148.572



93, 10.860, 148.495



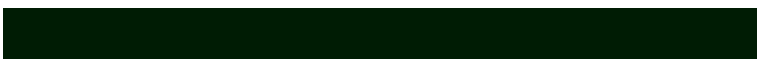
74, 5.419, 172.040



38, 6.198, 148.411



56, 79.161, 137.877



8, 17.481, 147.655

Inverse Universe

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



72, 7.746, 329.345



90, 10.889, 329.416



72, 5.515, 353.152



36, 6.214, 329.492



35, 70.952, 335.362



3, 16.094, 331.547

Previews

White Background



This preview shows how the CIELCh color 74, 7.722, 148.573 looks on a white background.

Color Contrast Check

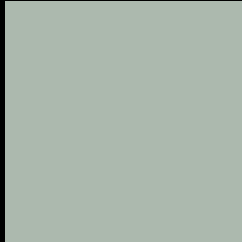
Large Text (above 18pt) WCAG AA × Fail

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, 7.722, 148.573 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

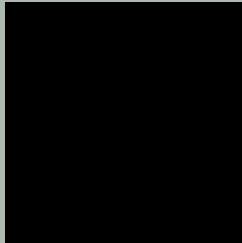
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 74, 7.722, 148.573

Background



This preview shows how black text looks on a background with the CIELCh color 74, 7.722, 148.573.



This preview shows how white text looks on a background with the CIELCh color 74, 7.722, 148.573.

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

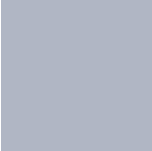
74, 7.722, 148.573

Protanopia

74, 5.352, 84.366

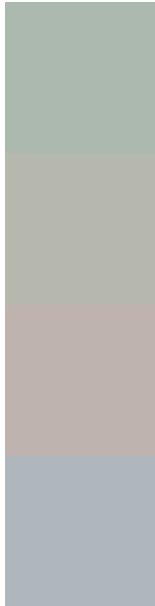
Deuteranopia

74, 9.580, 20.167



Tritanopia
74, 7.838, 275.033

Trichromacy



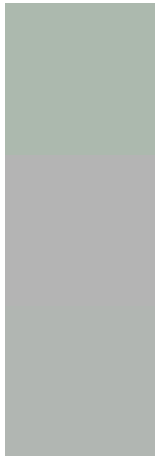
Original Color
74, 7.722, 148.573

Protanomaly
74, 5.405, 113.669

Deuteranomaly
74, 5.042, 44.962

Tritanomaly
74, 3.938, 242.847

Monochromacy



Original Color
74, 7.722, 148.573

Achromatopsia
73, 0.009, 296.813

Achromatomaly
74, 2.868, 150.460

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 7.722, 148.573 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, 185, 174)` looks like.

```
.text, #text, p{  
    color:rgb(172, 185, 174)  
}
```

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, 185, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 185, 174) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 7.722, 148.573 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, 185, 174) }
```

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

```
.border{ border-color:rgb(172, 185, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 185, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 185, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 185, 174);  
box-shadow:4px 4px 4px 4px rgb(172, 185,  
174) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 7.722, 148.573 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 185, 174) }
```

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

```
.background{ background-color: rgb(172,  
185, 174) }
```

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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