

Converting Colors

CIELCh(74, 4.178, 167.866)

Have a look what the booklet for
CIELCh(74, 4.178, 167.866) contains.

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Color

CIELCh(74, 3.995, 166.444)

Conversions

Conversions Part 1

Format	Color
Hex	AFB8B4
RGB	175, 184, 180
RGB Percent	69%, 72%, 71%
CMY	0.3136, 0.2783, 0.2940
CMYK	0.05, 0.00, 0.02, 0.28
HSL	153°, 6%, 70%
HSV	153°, 5%, 72%
XYZ	43.0708, 46.7039, 49.9376
YIQ	180.8530, -4.0800, -3.1520

Conversions

Conversions Part 2

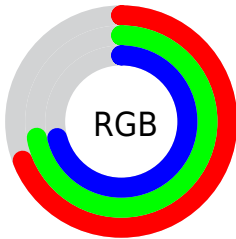
Format	Color
RYB	175, 181, 184
Decimal	11516084
CIELab	74.00, -3.88, 0.94
CIELCh	74, 3.995, 166.444
Yxy	46.7039, 0.3083, 0.3343
Android (android.graphics.Color)	4289706164 (0xFFAFB8B4)
YUV	180.8530, -0.4205, -5.1331
Hunter-Lab	68.3403, -7.0977, 4.5138

Details

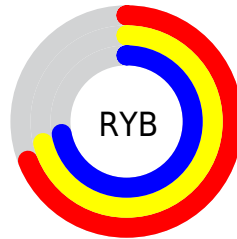
The CIELCh color $74, 3.995, 166.444$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $72, 4.038, 347.064$, and the grayscale version is $74, 0.009, 296.813$.

A 20% lighter version of the original color is $94, 3.799, 166.565$, and $54, 3.931, 163.243$ is the 20% darker color. If you saturate the color by 10%, you get $72, 12.162, 165.465$, and if you desaturate by 10%, it is $76, 4.177, 347.062$.

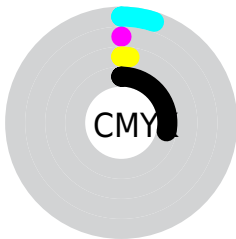
Distribution



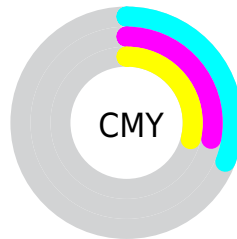
- Red (69%)
- Green (72%)
- Blue (71%)



- Red (69%)
- Yellow (71%)
- Blue (72%)



- Cyan (5%)
- Magenta (0%)
- Yellow (2%)
- Black (28%)



- Cyan (31%)
- Magenta (28%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 3.995, 166.444 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, 3.995, 166.444 by changing the saturation by 10% instead.

■ 74, 3.995, 166.444

■ 74, 3.995, 166.444

■ 100, 3.995,
166.444

■ 64, 3.995, 166.444

■ 94, 3.995, 166.444

■ 54, 3.995, 166.444

■ 44, 3.995, 166.444

■ 34, 3.995, 166.444

■ 24, 3.995, 166.444

■ 14, 3.995, 166.444

■ 4, 3.995, 166.444

■ 0, 3.995, 166.444

■ 74, 3.995, 166.444

■ 74, 3.995, 166.444

72, 12.162,
165.465

76, 4.177, 347.062

71, 20.222,
164.459

77, 12.284,
347.887

70, 28.062,
163.350

79, 20.268,
348.606

69, 35.552,
162.113

81, 28.088,
349.273

68, 42.555,
160.722

82, 32.153,
345.112

67, 48.946,
159.153

82, 34.651,
339.213

67, 54.624,
157.384

83, 37.493,
334.216

66, 59.540,
155.406

83, 40.602,
330.013

66, 63.712,

83, 43.916,
326.484

153.227

Harmonies

Complementary

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



74, 3.995, 166.444



72, 4.038, 347.064

Rectangle

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



74, 3.995, 166.444



74, 3.995, 216.444



74, 3.995, 346.444



74, 3.995, 36.444

Sweetspot

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



74, 3.997, 166.433



94, 1.007, 167.146



74, 5.215, 130.617



50, 0.572, 167.177



97, 0.011, 296.813



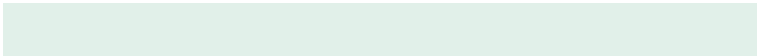
50, 0.007, 296.813

Same Dimension

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



74, 3.997, 166.433



93, 6.078, 166.309



74, 3.143, 203.767



38, 3.235, 166.266



56, 57.641, 152.438



8, 13.906, 160.073

Inverse Universe

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



72, 4.038, 347.064



91, 6.148, 347.189



72, 3.241, 23.838



37, 3.274, 347.233



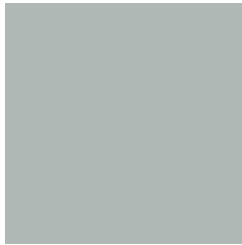
33, 58.360, 6.626



2, 11.859, 353.937

Previews

White Background



This preview shows how the CIE LCh color 74, 3.995, 166.444 looks on a white background.

Color Contrast Check

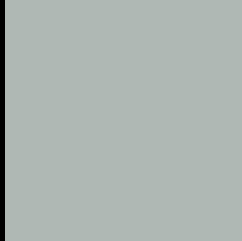
Large Text (above 18pt) WCAG AA × Fail

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, 3.995, 166.444 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

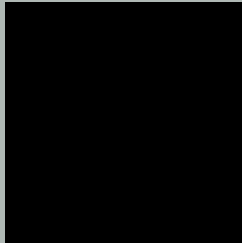
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

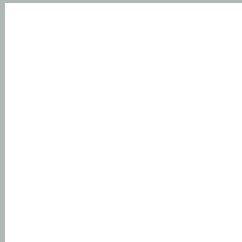
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 3.995, 166.444

Background



This preview shows how black text looks on a background with the CIELCh color 74, 3.995, 166.444.



This preview shows how white text looks on a background with the CIELCh color 74, 3.995, 166.444.

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

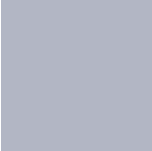
74, 3.995, 166.444

Protanopia

74, 2.468, 60.272

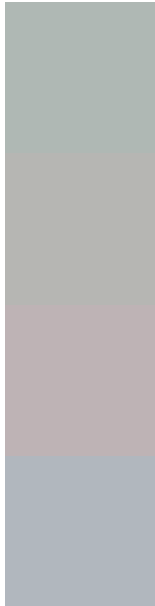
Deuteranopia

74, 9.286, 359.791



Tritanopia
74, 7.688, 280.164

Trichromacy



Original Color

74, 3.995, 166.444

Protanomaly

74, 1.612, 109.986

Deuteranomaly

74, 4.282, 5.049

Tritanomaly

74, 4.337, 260.423

Monochromacy



Original Color

74, 3.995, 166.444

Achromatopsia

74, 0.009, 296.813

Achromatomaly

74, 1.240, 173.895

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 3.995, 166.444 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(175, 184, 180)` looks like.

```
.text, #text, p{  
    color:rgb(175, 184, 180)  
}
```

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(175, 184, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 184, 180) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 3.995, 166.444 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(175, 184, 180) }
```

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

```
.border{ border-color:rgb(175, 184, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 184, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 184, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 184, 180);  
box-shadow:4px 4px 4px 4px rgb(175, 184,  
180) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 3.995, 166.444 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 184, 180) }
```

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

```
.background{ background-color: rgb(175,  
184, 180) }
```

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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