

Converting Colors

CIE LCh(74, 3.202, 350.673)

Have a look what the booklet for
CIELCh(74, 3.202, 350.673) contains.

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Color

CIELCh(74, 3.418, 351.231)

Conversions

Conversions Part 1

Format	Color
Hex	BCB4B7
RGB	188, 180, 183
RGB Percent	74%, 71%, 72%
CMY	0.2631, 0.2944, 0.2827
CMYK	0.00, 0.04, 0.03, 0.26
HSL	338°, 6%, 72%
HSV	338°, 4%, 74%
XYZ	45.5605, 46.7039, 51.3667
YIQ	182.7340, 3.8050, 2.6290

Conversions

Conversions Part 2

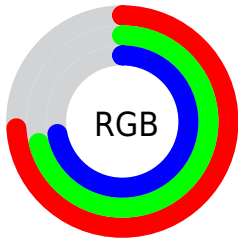
Format	Color
RYP	188, 180, 183
Decimal	12367031
CIELab	74.00, 3.38, -0.52
CIELCh	74, 3.418, 351.231
Yxy	46.7039, 0.3172, 0.3252
Android (android.graphics.Color)	4290557111 (0xFFBCB4B7)
YUV	182.7340, 0.1311, 4.6183
Hunter-Lab	68.3403, -0.5948, 3.2740

Details

The CIELCh color $74, 3.418, 351.231$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $76, 3.376, 170.746$, and the grayscale version is $74, 0.009, 296.813$.

A 20% lighter version of the original color is $94, 3.250, 351.112$, and $54, 3.641, 351.402$ is the 20% darker color. If you saturate the color by 10%, you get $69, 11.630, 352.300$, and if you desaturate by 10%, it is $79, 4.511, 170.611$.

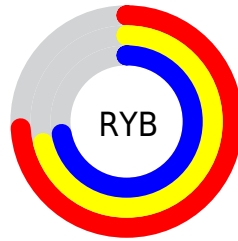
Distribution



Red (74%)

Green (71%)

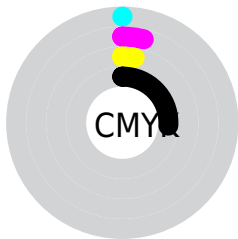
Blue (72%)



Red (74%)

Yellow (71%)

Blue (72%)

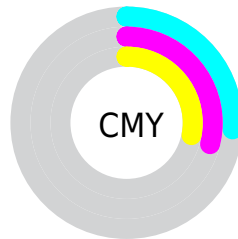


Cyan (0%)

Magenta (4%)

Yellow (3%)

Black (26%)



Cyan (26%)

Magenta (29%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 3.418, 351.231 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, 3.418, 351.231 by changing the saturation by 10% instead.

■ 74, 3.418, 351.231

■ 74, 3.418, 351.231

■ 100, 3.418,
351.231

■ 64, 3.418, 351.231

■ 94, 3.418, 351.231

■ 54, 3.418, 351.231

■ 44, 3.418, 351.231

■ 34, 3.418, 351.231

■ 24, 3.418, 351.231

■ 14, 3.418, 351.231

■ 4, 3.418, 351.231

■ 0, 3.418, 351.231

■ 74, 3.418, 351.231

■ 74, 3.418, 351.231

69, 11.630,
352.300

79, 4.511, 170.611

64, 20.067,
353.417

85, 12.124,
169.780

59, 28.608,
354.700

90, 19.422,
169.069

55, 37.054,
356.216

95, 26.370,
168.478

50, 45.114,
358.051

95, 23.465,
180.905

47, 52.411, 0.321

96, 21.818,
195.914

44, 58.537, 3.180

96, 21.711,
198.080

42, 63.181, 6.804

40, 66.310, 11.334

Harmonies

Complementary

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



74, 3.418, 351.231



76, 3.376, 170.746

Rectangle

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



74, 3.418, 351.231



74, 3.418, 41.231



74, 3.418, 171.231



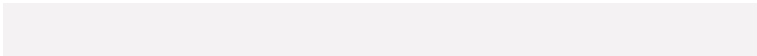
74, 3.418, 221.231

Sweetspot

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



74, 3.416, 351.247



96, 0.994, 350.556



74, 4.725, 313.179



51, 0.565, 350.523



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, 3.416, 351.247



93, 4.982, 351.343



74, 2.696, 30.182



38, 2.744, 351.401



33, 59.550, 13.402



3, 13.162, 358.726

Inverse Universe

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



74, 3.416, 351.247



93, 4.982, 351.343



75, 2.626, 210.456



38, 2.744, 351.401



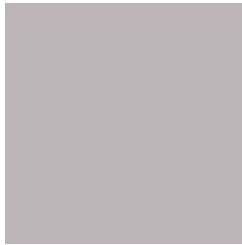
33, 59.550, 13.402



3, 13.162, 358.726

Previews

White Background



This preview shows how the CIELCh color 74, 3.418, 351.231 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, 3.418, 351.231 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

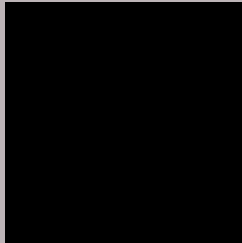
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

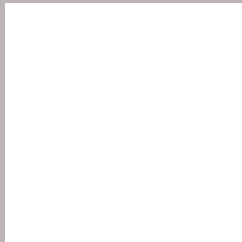
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 3.418, 351.231

Background



This preview shows how black text looks on a background with the CIELCh color 74, 3.418, 351.231.

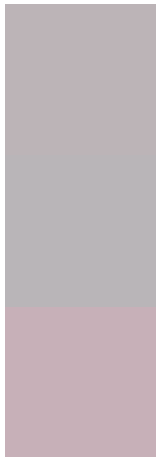


This preview shows how white text looks on a background with the CIELCh color 74, 3.418, 351.231.

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, 3.418, 351.231

Protanopia

74, 2.220, 332.340

Deuteranopia

74, 9.691, 353.777



Tritanopia
74, 8.640, 318.675

Trichromacy



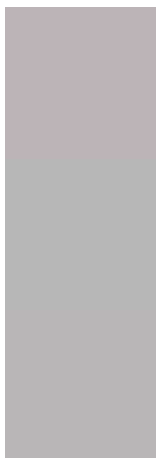
Original Color
74, 3.418, 351.231

Protanomaly
74, 2.488, 338.688

Deuteranomaly
74, 7.762, 350.886

Tritanomaly
74, 6.592, 324.691

Monochromacy



Original Color
74, 3.418, 351.231

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 1.251, 353.486

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 3.418, 351.231 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(188, 180, 183)` looks like.

```
.text, #text, p{  
    color:rgb(188, 180, 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(188, 180, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 180, 183) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 3.418, 351.231 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(188, 180, 183) }
```

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

```
.border{ border-color:rgb(188, 180, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 180, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 180, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 180, 183);  
box-shadow:4px 4px 4px 4px rgb(188, 180,  
183) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 3.418, 351.231 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 180, 183) }
```

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

```
.background{ background-color: rgb(188,  
180, 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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