

Converting Colors

CIELCh(74, 3.507, 49.009)

Have a look what the booklet for
CIELCh(74, 3.507, 49.009) contains.

CIELCh(74, 3.417, 47.735)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(74, 3.417, 47.735)

Conversions

Conversions Part 1

Format	Color
Hex	BCB4B1
RGB	188, 180, 177
RGB Percent	74%, 71%, 69%
CMY	0.2614, 0.2928, 0.3045
CMYK	0.00, 0.04, 0.06, 0.26
HSL	16°, 8%, 72%
HSV	16°, 6%, 74%
XYZ	45.1843, 46.7039, 48.4068
YIQ	182.0500, 5.7310, 0.7630

Conversions

Conversions Part 2

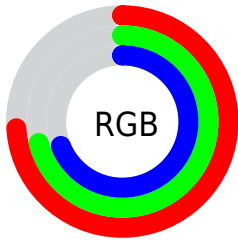
Format	Color
RYB	188, 181, 177
Decimal	12367025
CIELab	74.00, 2.30, 2.53
CIElCh	74, 3.417, 47.735
Yxy	46.7039, 0.3221, 0.3329
Android (android.graphics.Color)	4290557105 (0xFFBCB4B1)
YUV	182.0500, -2.4896, 5.2182
Hunter-Lab	68.3403, -1.5773, 5.8419

Details

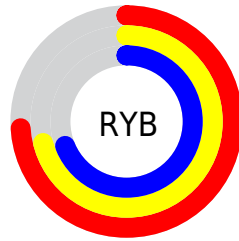
The CIELCh color $74, 3.417, 47.735$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $75, 3.313, 228.723$, and the grayscale version is $74, 0.009, 296.813$.

A 20% lighter version of the original color is $94, 3.238, 47.761$, and $54, 3.661, 47.667$ is the 20% darker color. If you saturate the color by 10%, you get $70, 9.632, 47.375$, and if you desaturate by 10%, it is $78, 2.350, 228.675$.

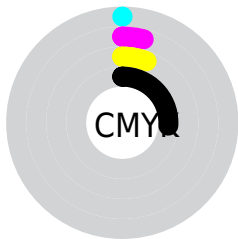
Distribution



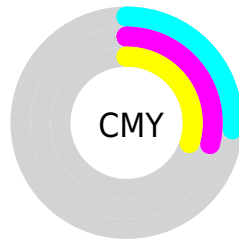
- Red (74%)
- Green (71%)
- Blue (69%)



- Red (74%)
- Yellow (71%)
- Blue (69%)



- Cyan (0%)
- Magenta (4%)
- Yellow (6%)
- Black (26%)



- Cyan (26%)
- Magenta (29%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 3.417, 47.735 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, 3.417, 47.735 by changing the saturation by 10% instead.

■ 74, 3.417, 47.735

■ 74, 3.417, 47.735

■ 100, 3.417, 47.735

■ 64, 3.417, 47.735

■ 94, 3.417, 47.735

■ 54, 3.417, 47.735

■ 44, 3.417, 47.735

■ 34, 3.417, 47.735

■ 24, 3.417, 47.735

■ 14, 3.417, 47.735

■ 4, 3.417, 47.735

■ 0, 3.417, 47.735

■ 74, 3.417, 47.735

■ 74, 3.417, 47.735

70, 9.632, 47.375

78, 2.350, 228.675

66, 16.343, 46.985

82, 7.715, 229.114

62, 23.590, 46.686

86, 12.727,
229.699

59, 31.393, 46.510

90, 17.428,
230.311

55, 39.737, 46.479

52, 48.536, 46.586

94, 19.721,
207.594

49, 57.560, 46.769

96, 21.586,
198.088

46, 66.273, 46.821

44, 73.588, 46.285

Harmonies

Complementary

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



74, 3.417, 47.735



75, 3.313, 228.723

Rectangle

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



74, 3.417, 47.735



74, 3.417, 97.735



74, 3.417, 227.735



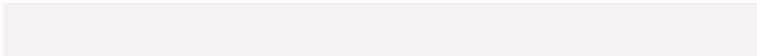
74, 3.417, 277.735

Sweetspot

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



74, 3.417, 47.772



95, 1.424, 47.696



73, 6.022, 333.300



51, 0.809, 47.679



98, 0.011, 296.813



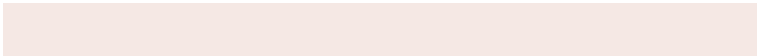
51, 0.007, 296.813

Same Dimension

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



74, 3.417, 47.772



93, 5.091, 47.732



75, 4.623, 97.622



38, 2.673, 47.719



36, 66.790, 46.572



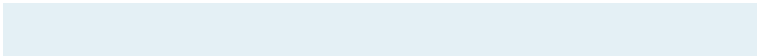
4, 10.447, 38.213

Inverse Universe

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



75, 3.313, 228.723



94, 4.898, 228.780



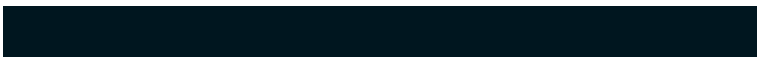
73, 4.659, 279.053



39, 2.565, 228.799



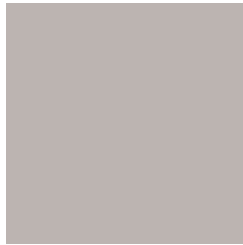
45, 32.787, 250.279



6, 9.552, 241.101

Previews

White Background



This preview shows how the CIELCh color 74, 3.417, 47.735 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, 3.417, 47.735 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

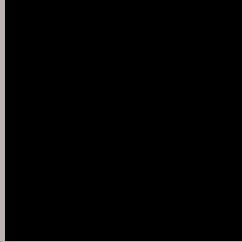
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

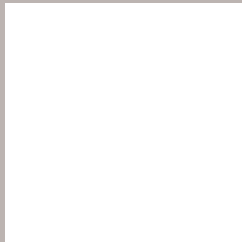
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 3.417, 47.735

Background



This preview shows how black text looks on a background with the CIELCh color 74, 3.417, 47.735.



This preview shows how white text looks on a background with the CIELCh color 74, 3.417, 47.735.

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, 3.417, 47.735

Protanopia

74, 2.468, 60.272

Deuteranopia

74, 9.602, 13.752



Tritanopia
74, 8.819, 320.802

Trichromacy



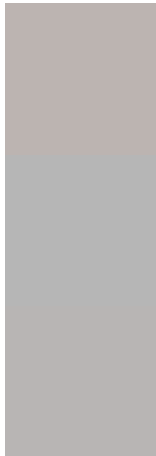
Original Color
74, 3.417, 47.735

Protanomaly
74, 2.766, 55.153

Deuteranomaly
74, 6.842, 19.906

Tritanomaly
74, 5.735, 330.801

Monochromacy



Original Color
74, 3.417, 47.735

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 1.237, 44.923

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 3.417, 47.735 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, 177)` looks like.

```
.text, #text, p{  
    color:rgb(188, 180, 177)  
}
```

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, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 180, 177) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 3.417, 47.735 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, 177) }
```

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

```
.border{ border-color:rgb(188, 180, 177) }
```

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, 177) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 180, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 180, 177);  
box-shadow:4px 4px 4px 4px rgb(188, 180,  
177) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 3.417, 47.735 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, 177) }
```

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

```
.background{ background-color: rgb(188,  
180, 177) }
```

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