

Converting Colors

CIELCh(74, 5.203, 109.668)

Have a look what the booklet for
CIELCh(74, 5.203, 109.668) contains.

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Color

CIELCh(74, 5.387, 109.650)

Conversions

Conversions Part 1

Format	Color
Hex	B7B7AD
RGB	183, 183, 173
RGB Percent	72%, 72%, 68%
CMY	0.2840, 0.2840, 0.3232
CMYK	0.00, 0.00, 0.05, 0.28
HSL	60°, 6%, 70%
HSV	60°, 5%, 72%
XYZ	43.7717, 46.7039, 46.0261
YIQ	181.8600, 3.2100, -3.1100

Conversions

Conversions Part 2

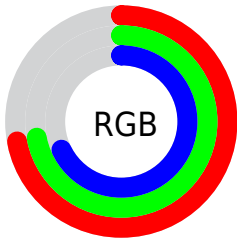
Format	Color
RYB	173, 183, 173
Decimal	12040109
CIELab	74.00, -1.81, 5.07
CIELCh	74, 5.387, 109.650
Yxy	46.7039, 0.3207, 0.3421
Android (android.graphics.Color)	4290230189 (0xFFB7B7AD)
YUV	181.8600, -4.3680, 0.9998
Hunter-Lab	68.3403, -5.2668, 7.9073

Details

The CIELCh color `74, 5.387, 109.650` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `71, 5.468, 290.743`, and the grayscale version is `74, 0.009, 296.813`.

A 20% lighter version of the original color is `94, 5.635, 109.722`, and `54, 5.162, 109.531` is the 20% darker color. If you saturate the color by 10%, you get `74, 15.208, 108.714`, and if you desaturate by 10%, it is `74, 4.471, 290.630`.

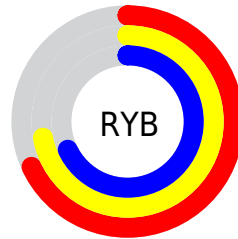
Distribution



Red (72%)

Green (72%)

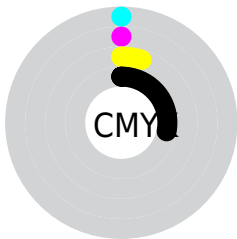
Blue (68%)



Red (68%)

Yellow (72%)

Blue (68%)

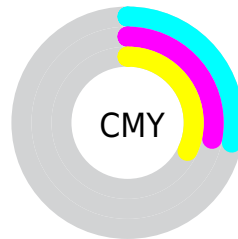


Cyan (0%)

Magenta (0%)

Yellow (5%)

Black (28%)



Cyan (28%)

Magenta (28%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 5.387, 109.650 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, 5.387, 109.650 by changing the saturation by 10% instead.

■ 74, 5.387, 109.650

■ 74, 5.387, 109.650

■ 100, 5.387,
109.650

■ 64, 5.387, 109.650

■ 94, 5.387, 109.650

■ 54, 5.387, 109.650

■ 44, 5.387, 109.650

■ 34, 5.387, 109.650

■ 24, 5.387, 109.650

■ 14, 5.387, 109.650

■ 4, 5.387, 109.650

■ 0, 5.387, 109.650

■ 74, 5.387, 109.650

■ 74, 5.387, 109.650

74, 15.208,
108.714

74, 4.471, 290.630

73, 24.930,
107.756

75, 14.333,
291.537

73, 34.465,
106.810

76, 24.171,
292.419

73, 43.677,
105.899

76, 33.967,
293.265

72, 52.356,
105.048

77, 38.988,
293.686

72, 60.193,
104.292

77, 38.988,
293.689

72, 66.774,
103.669

77, 38.988,
293.692

72, 71.641,
103.218

77, 38.988,
293.695

72, 74.486,

77, 38.988,
293.699

Harmonies

Complementary

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



74, 5.387, 109.650



71, 5.468, 290.743

Rectangle

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



74, 5.387, 109.650



74, 5.387, 159.650



74, 5.387, 289.650



74, 5.387, 339.650

Sweetspot

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



74, 5.389, 109.664



94, 2.428, 109.971



71, 3.795, 19.601



50, 1.391, 109.980



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, 5.389, 109.664



93, 8.519, 109.510



74, 5.735, 128.852



39, 4.480, 109.477



62, 66.992, 102.875



10, 15.132, 108.863

Inverse Universe

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



71, 5.468, 290.743



88, 8.669, 290.911



71, 5.791, 309.287



36, 4.562, 290.948



17, 92.502, 306.289



1, 15.385, 290.308

Previews

White Background



This preview shows how the CIELCh color 74, 5.387, 109.650 looks on a white background.

Color Contrast Check

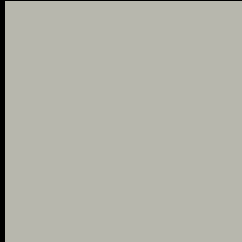
Large Text (above 18pt) WCAG AA × Fail

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, 5.387, 109.650 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

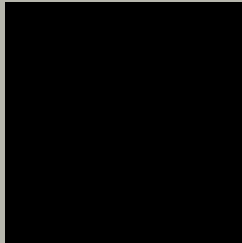
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 74, 5.387, 109.650

Background



This preview shows how black text looks on a background with the CIELCh color 74, 5.387, 109.650.



This preview shows how white text looks on a background with the CIELCh color 74, 5.387, 109.650.

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, 5.387, 109.650

Protanopia

74, 5.352, 84.366

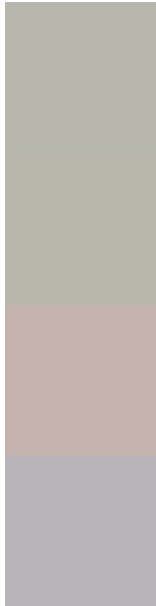
Deuteranopia

74, 10.073, 26.311



Tritanopia
74, 8.558, 308.236

Trichromacy



Original Color
74, 5.387, 109.650

Protanomaly
74, 5.501, 97.659

Deuteranomaly
74, 7.054, 42.263

Tritanomaly
74, 3.765, 319.888

Monochromacy



Original Color
74, 5.387, 109.650

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 2.152, 109.943

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 5.387, 109.650 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(183, 183, 173)` looks like.

```
.text, #text, p{  
    color:rgb(183, 183, 173)  
}
```

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(183, 183, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 183, 173) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 5.387, 109.650 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(183, 183, 173) }
```

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

```
.border{ border-color:rgb(183, 183, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 183, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 183, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 183, 173);  
box-shadow:4px 4px 4px 4px rgb(183, 183,  
173) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 5.387, 109.650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 183, 173) }
```

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

```
.background{ background-color: rgb(183,  
183, 173) }
```

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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