

Converting Colors

CIELCh(74, 4.091, 333.005)

Have a look what the booklet for
CIELCh(74, 4.091, 333.005) contains.

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Color

CIELCh(74, 3.779, 333.878)

Conversions

Conversions Part 1

Format	Color
Hex	BBB4B9
RGB	187, 180, 185
RGB Percent	73%, 71%, 73%
CMY	0.2667, 0.2941, 0.2745
CMYK	0.00, 0.04, 0.01, 0.27
HSL	317°, 5%, 72%
HSV	317°, 4%, 73%
XYZ	45.5657, 46.7039, 52.5061
YIQ	182.6630, 2.5670, 3.0390

Conversions

Conversions Part 2

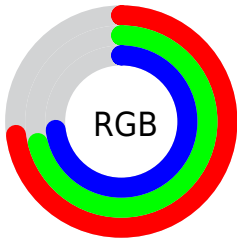
Format	Color
RYB	187, 180, 185
Decimal	12301497
CIELab	74.00, 3.39, -1.66
CIELCh	74, 3.779, 333.878
Yxy	46.7039, 0.3147, 0.3226
Android (android.graphics.Color)	4290491577 (0xFFBBB4B9)
YUV	182.6630, 1.1521, 3.8035
Hunter-Lab	68.3403, -0.5811, 2.2855

Details

The CIELCh color $74, 3.779, 333.878$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $75, 3.758, 153.557$, and the grayscale version is $74, 0.009, 296.813$.

A 20% lighter version of the original color is $94, 3.597, 333.801$, and $54, 4.021, 333.989$ is the 20% darker color. If you saturate the color by 10%, you get $69, 13.970, 334.624$, and if you desaturate by 10%, it is $79, 6.228, 153.376$.

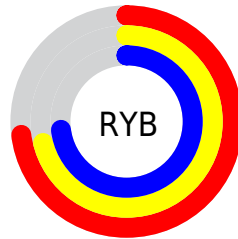
Distribution



Red (73%)

Green (71%)

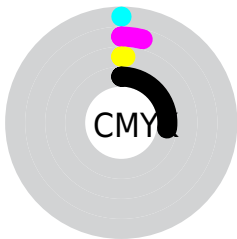
Blue (73%)



Red (73%)

Yellow (71%)

Blue (73%)

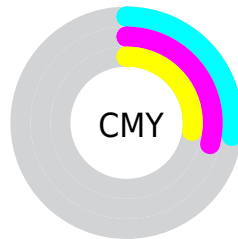


Cyan (0%)

Magenta (4%)

Yellow (1%)

Black (27%)



Cyan (27%)

Magenta (29%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 3.779, 333.878 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, 3.779, 333.878 by changing the saturation by 10% instead.

■ 74, 3.779, 333.878

■ 74, 3.779, 333.878

■ 100, 3.779,
333.878

■ 64, 3.779, 333.878

■ 94, 3.779, 333.878

■ 54, 3.779, 333.878

■ 44, 3.779, 333.878

■ 34, 3.779, 333.878

■ 24, 3.779, 333.878

■ 14, 3.779, 333.878

■ 4, 3.779, 333.878

■ 0, 3.779, 333.878

■ 74, 3.779, 333.878

■ 74, 3.779, 333.878

69, 13.970,
334.624

79, 6.228, 153.376

64, 24.238,
335.355

84, 15.980,
152.738

60, 34.401,
336.126

89, 25.447,
152.159

55, 44.196,
336.949

94, 34.621,
151.616

52, 53.258,
337.840

95, 32.715,
154.744

48, 61.139,
338.823

95, 30.776,
158.298

45, 67.354,
339.937

95, 28.949,
162.295

43, 71.492,
341.236

95, 27.260,
166.787

42, 73.371,

95, 25.738,
171.822

342.788

Harmonies

Complementary

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



74, 3.779, 333.878



75, 3.758, 153.557

Rectangle

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



74, 3.779, 333.878



74, 3.779, 23.878



74, 3.779, 153.878



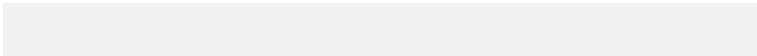
74, 3.779, 203.878

Sweetspot

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



74, 3.777, 333.883



95, 1.249, 333.479



74, 3.878, 301.381



51, 0.716, 333.459



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, 3.777, 333.883



93, 4.984, 333.911



74, 2.754, 2.151



39, 2.883, 333.962



35, 65.317, 343.611



3, 16.279, 338.985

Inverse Universe

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



74, 3.777, 333.883



93, 4.984, 333.911



75, 2.710, 181.835



39, 2.883, 333.962



35, 65.317, 343.611



3, 16.279, 338.985

Previews

White Background



This preview shows how the CIELCh color 74, 3.779, 333.878 looks on a white background.

Color Contrast Check

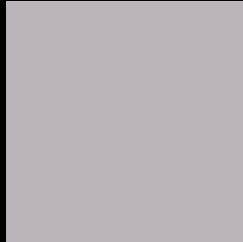
Large Text (above 18pt) WCAG AA × Fail

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, 3.779, 333.878 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

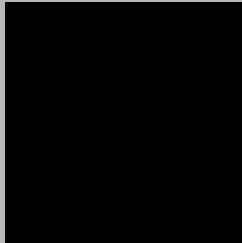
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

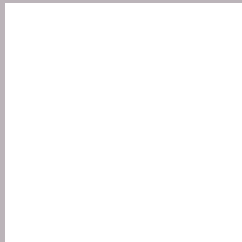
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 3.779, 333.878

Background



This preview shows how black text looks on a background with the CIELCh color 74, 3.779, 333.878.

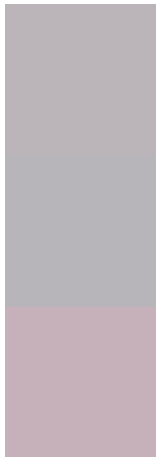


This preview shows how white text looks on a background with the CIELCh color 74, 3.779, 333.878.

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, 3.779, 333.878

Protanopia

74, 2.945, 312.545

Deuteranopia

74, 9.879, 347.104



Tritanopia
74, 8.310, 314.175

Trichromacy



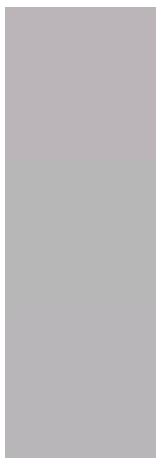
Original Color
74, 3.779, 333.878

Protanomaly
74, 3.107, 318.865

Deuteranomaly
74, 8.029, 342.757

Tritanomaly
74, 6.856, 319.579

Monochromacy



Original Color
74, 3.779, 333.878

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 1.327, 324.319

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 3.779, 333.878 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(187, 180, 185)` looks like.

```
.text, #text, p{  
    color:rgb(187, 180, 185)  
}
```

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(187, 180, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 180, 185) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 3.779, 333.878 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(187, 180, 185) }
```

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

```
.border{ border-color:rgb(187, 180, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 180, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 180, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 180, 185);  
box-shadow:4px 4px 4px 4px rgb(187, 180,  
185) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 3.779, 333.878 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 180, 185) }
```

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

```
.background{ background-color: rgb(187,  
180, 185) }
```

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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