

Converting Colors

CIELCh(74, 2.426, 30.853)

Have a look what the booklet for
CIELCh(74, 2.426, 30.853) contains.

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Color

CIELCh(74, 2.309, 32.867)

Conversions

Conversions Part 1

Format	Color
Hex	BBB5B4
RGB	187, 181, 180
RGB Percent	73%, 71%, 71%
CMY	0.2681, 0.2916, 0.2955
CMYK	0.00, 0.03, 0.04, 0.27
HSL	9°, 5%, 72%
HSV	9°, 4%, 73%
XYZ	45.0598, 46.7039, 49.6306
YIQ	182.6800, 3.8970, 0.9610

Conversions

Conversions Part 2

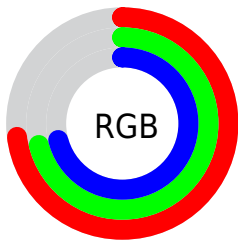
Format	Color
RYB	187, 181, 180
Decimal	12301748
CIELab	74.00, 1.94, 1.25
CIElCh	74, 2.309, 32.867
Yxy	46.7039, 0.3187, 0.3303
Android (android.graphics.Color)	4290491828 (0xFFBBB5B4)
YUV	182.6800, -1.3212, 3.7886
Hunter-Lab	68.3403, -1.9025, 4.7802

Details

The CIELCh color `74, 2.309, 32.867` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `75, 2.257, 213.352`, and the grayscale version is `74, 0.009, 296.813`.

A 20% lighter version of the original color is `94, 2.191, 32.798`, and `54, 2.469, 32.937` is the 20% darker color. If you saturate the color by 10%, you get `69, 8.821, 33.200`, and if you desaturate by 10%, it is `79, 3.702, 213.272`.

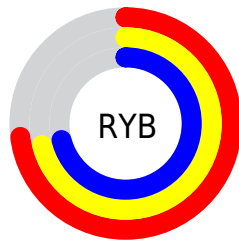
Distribution



Red (73%)

Green (71%)

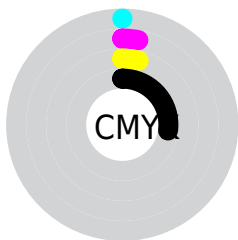
Blue (71%)



Red (73%)

Yellow (71%)

Blue (71%)

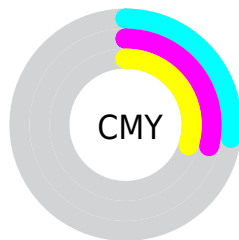


Cyan (0%)

Magenta (3%)

Yellow (4%)

Black (27%)



Cyan (27%)

Magenta (29%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 2.309, 32.867 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, 2.309, 32.867 by changing the saturation by 10% instead.

■ 74, 2.309, 32.867

■ 74, 2.309, 32.867

■ 100, 2.309, 32.867

■ 64, 2.309, 32.867

■ 94, 2.309, 32.867

■ 54, 2.309, 32.867

■ 44, 2.309, 32.867

■ 34, 2.309, 32.867

■ 24, 2.309, 32.867

■ 14, 2.309, 32.867

■ 4, 2.309, 32.867

■ 0, 2.309, 32.867

■ 74, 2.309, 32.867

■ 74, 2.309, 32.867

69, 8.821, 33.200

79, 3.702, 213.272

65, 15.883, 33.476

83, 9.259, 213.248

60, 23.525, 33.912

88, 14.416,
213.344

56, 31.753, 34.567

93, 19.218,
213.492

52, 40.528, 35.493

49, 49.740, 36.730

96, 22.082,
198.057

46, 59.160, 38.264

43, 68.307, 39.932

41, 76.130, 41.228

Harmonies

Complementary

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



74, 2.309, 32.867



75, 2.257, 213.352

Rectangle

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



74, 2.309, 32.867



74, 2.309, 82.867



74, 2.309, 212.867



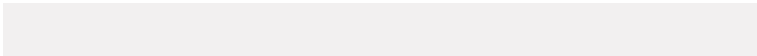
74, 2.309, 262.867

Sweetspot

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



74, 2.308, 32.916



95, 0.752, 32.282



74, 4.213, 328.459



51, 0.431, 32.236



98, 0.011, 296.813



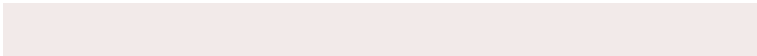
51, 0.007, 296.813

Same Dimension

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



74, 2.308, 32.916



93, 3.048, 32.936



75, 2.558, 87.808



39, 1.767, 32.968



34, 70.516, 42.096



3, 11.153, 28.527

Inverse Universe

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



75, 2.257, 213.352



95, 2.974, 213.334



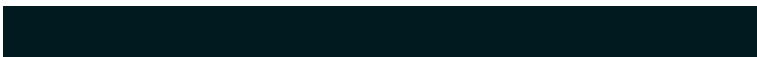
74, 2.568, 268.935



39, 1.717, 213.307



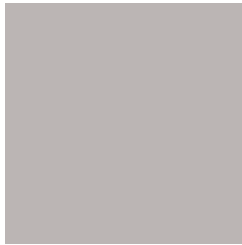
52, 30.550, 222.861



8, 9.794, 218.525

Previews

White Background



This preview shows how the CIELCh color 74, 2.309, 32.867 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, 2.309, 32.867 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

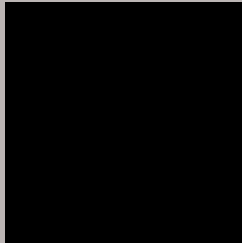
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

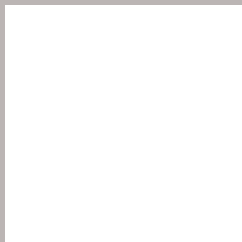
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 2.309, 32.867

Background



This preview shows how black text looks on a background with the CIELCh color 74, 2.309, 32.867.

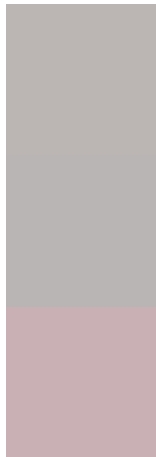


This preview shows how white text looks on a background with the CIELCh color 74, 2.309, 32.867.

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, 2.309, 32.867

Protanopia

74, 1.585, 39.099

Deuteranopia

74, 9.493, 3.711



Tritanopia
74, 8.464, 316.464

Trichromacy



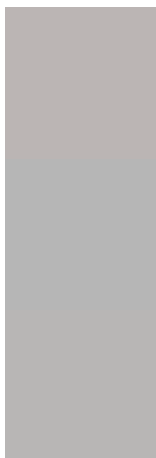
Original Color
74, 2.309, 32.867

Protanomaly
74, 1.944, 35.400

Deuteranomaly
74, 6.627, 5.780

Tritanomaly
74, 5.276, 324.626

Monochromacy



Original Color
74, 2.309, 32.867

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 0.912, 55.069

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 2.309, 32.867 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, 181, 180)` looks like.

```
.text, #text, p{  
    color:rgb(187, 181, 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(187, 181, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 181, 180) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 2.309, 32.867 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, 181, 180) }
```

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

```
.border{ border-color:rgb(187, 181, 180) }
```

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

Here you see how a box with a 4 pixel rgb(187, 181, 180) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 181, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 181, 180);  
box-shadow:4px 4px 4px 4px rgb(187, 181,  
180) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 2.309, 32.867 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 181, 180) }
```

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

```
.background{ background-color: rgb(187,  
181, 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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