

Converting Colors

CIELCh(73, 31.964, 104.402)

Have a look what the booklet for
CIELCh(73, 31.964, 104.402)
contains.

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Color

CIELCh(73, 32.038, 104.799)

Conversions

Conversions Part 1

Format	Color
Hex	B9B67A
RGB	185, 182, 122
RGB Percent	73%, 71%, 48%
CMY	0.2746, 0.2863, 0.5216
CMYK	0.00, 0.02, 0.34, 0.27
HSL	57°, 31%, 60%
HSV	57°, 34%, 73%
XYZ	40.2384, 45.1644, 25.0030
YIQ	176.0570, 21.0480, -18.0240

Conversions

Conversions Part 2

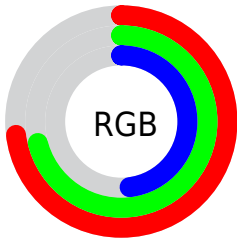
Format	Color
R_{YB}	125, 185, 122
Decimal	12170874
CIE _{Lab}	73.00, -8.18, 30.98
CIE _{LCh}	73, 32.038, 104.799
Yxy	45.1644, 0.3645, 0.4091
Android (android.graphics.Color)	4290360954 (0xFFB9B67A)
YUV	176.0570, -26.6501, 7.8430
Hunter-Lab	67.2044, -10.7317, 24.9847

Details

The CIELCh color **73, 32.038, 104.799** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **54, 34.563, 292.636**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 32.136, 104.828**, and **53, 32.080, 104.492** is the 20% darker color. If you saturate the color by 10%, you get **72, 41.077, 103.815**, and if you desaturate by 10%, it is **74, 22.749, 105.808**.

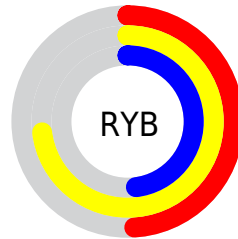
Distribution



Red (73%)

Green (71%)

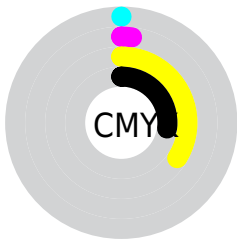
Blue (48%)



Red (49%)

Yellow (73%)

Blue (48%)

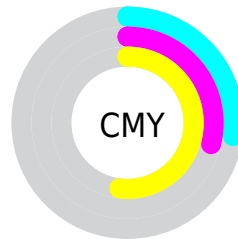


Cyan (0%)

Magenta (2%)

Yellow (34%)

Black (27%)



Cyan (27%)


Magenta (29%)


Yellow (52%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 32.038, 104.799 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 73, 32.038, 104.799 by changing the saturation by 10% instead.


 73, 32.038,
104.799


 73, 32.038,
104.799


 100, 32.038,
104.799


 63, 32.038,
104.799


 93, 32.038,
104.799

 53, 32.038,
104.799

 43, 32.038,
104.799

 33, 32.038,
104.799

 23, 32.038,
104.799

 13, 32.038,
104.799

 3, 32.038, 104.799

0, 32.038, 104.799

73, 32.038,
104.799

73, 32.038,
104.799

72, 41.077,
103.815

74, 22.749,
105.808

72, 49.673,
102.868

74, 13.325,
106.813

72, 57.540,
101.986

75, 3.842, 107.794

76, 5.651, 288.801

71, 64.269,
101.199

76, 15.125,
289.735

71, 69.366,
100.538

77, 24.560,
290.639

71, 72.415,
100.018

78, 33.942,

■ 70, 73.541, 99.754 291.505

■ 78, 35.328,
291.243

■ 79, 34.838,
290.709

Harmonies

Complementary

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



73, 32.038, 104.799



54, 34.563, 292.636

Rectangle

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



73, 32.038, 104.799



73, 32.038, 154.799



73, 32.038, 284.799



73, 32.038, 334.799

Sweetspot

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



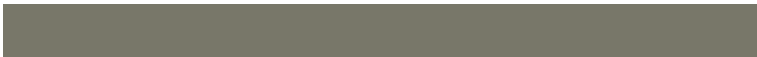
73, 32.039, 104.803



94, 11.705, 107.200



58, 26.392, 18.611



50, 7.980, 107.062



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



73, 32.039, 104.803



92, 47.308, 104.048



72, 35.550, 125.673



39, 5.339, 107.282



60, 64.732, 99.797



9, 14.173, 106.235

Inverse Universe

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



54, 34.563, 292.636



64, 52.174, 293.991



56, 37.501, 309.091



36, 5.446, 289.202



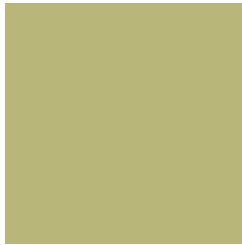
18, 90.179, 305.585



1, 14.841, 288.882

Previews

White Background



This preview shows how the CIELCh color 73, 32.038, 104.799 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 CIELCh color 73, 32.038, 104.799 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

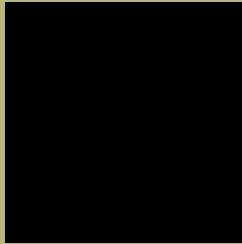
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 73, 32.038, 104.799

Background



This preview shows how black text looks on a background with the CIELCh color 73, 32.038, 104.799.



This preview shows how white text looks on a background with the CIELCh color 73, 32.038, 104.799.

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

73, 32.038, 104.799

Protanopia

73, 31.725, 95.641

Deuteranopia

73, 31.631, 72.397



Tritanopia
73, 10.025, 335.577

Trichromacy



Original Color
73, 32.038, 104.799

Protanomaly
73, 31.902, 98.751

Deuteranomaly
73, 30.541, 84.607

Tritanomaly
73, 9.110, 75.610

Monochromacy



Original Color
73, 32.038, 104.799

Achromatopsia
72, 0.009, 296.813

Achromatomaly
72, 11.909, 107.116

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 32.038, 104.799 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(185, 182, 122)` looks like.

```
.text, #text, p{  
    color:rgb(185, 182, 122)  
}
```

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(185, 182, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 182, 122) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 32.038, 104.799 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(185, 182, 122) }
```

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

```
.border{ border-color:rgb(185, 182, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 182, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 182, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 182, 122);  
box-shadow:4px 4px 4px 4px rgb(185, 182,  
122) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 32.038, 104.799 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 182, 122) }
```

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

```
.background{ background-color: rgb(185,  
182, 122) }
```

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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