

Converting Colors

CIELCh(73, 36.014, 99.210)

Have a look what the booklet for
CIELCh(73, 36.014, 99.210) contains.

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Color

CIELCh(73, 36.014, 99.210)

Conversions

Conversions Part 1

Format	Color
Hex	BFB471
RGB	191, 180, 113
RGB Percent	75%, 71%, 44%
CMY	0.2491, 0.2923, 0.5552
CMYK	0.00, 0.06, 0.41, 0.25
HSL	52°, 38%, 60%
HSV	52°, 41%, 75%
XYZ	41.0213, 45.1644, 22.3047
YIQ	175.6510, 28.0630, -18.5050

Conversions

Conversions Part 2

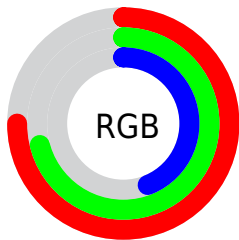
Format	Color
RYB	126, 191, 113
Decimal	12563569
CIELab	73.00, -5.76, 35.55
CIELCh	73, 36.014, 99.210
Yxy	45.1644, 0.3781, 0.4163
Android (android.graphics.Color)	4290753649 (0xFFBFB471)
YUV	175.6510, -30.8869, 13.4611
Hunter-Lab	67.2044, -8.6522, 27.3652

Details

The CIELCh color **73, 36.014, 99.210** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **54, 38.677, 289.721**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 35.974, 99.727**, and **53, 36.075, 98.964** is the 20% darker color. If you saturate the color by 10%, you get **72, 44.496, 98.084**, and if you desaturate by 10%, it is **74, 27.276, 100.344**.

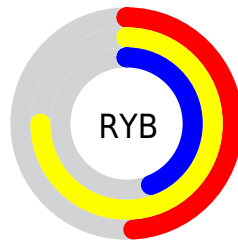
Distribution



Red (75%)

Green (71%)

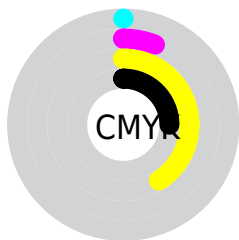
Blue (44%)



Red (49%)

Yellow (75%)

Blue (44%)

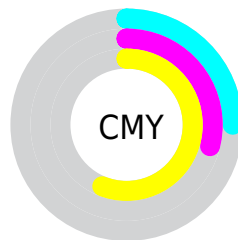


Cyan (0%)

Magenta (6%)

Yellow (41%)

Black (25%)



Cyan (25%)

Magenta (29%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 36.014, 99.210 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, 36.014, 99.210 by changing the saturation by 10% instead.

■ 73, 36.014, 99.210

■ 73, 36.014, 99.210

■ 100, 36.014,
99.210

■ 63, 36.014, 99.210

■ 93, 36.014, 99.210

■ 53, 36.014, 99.210

■ 43, 36.014, 99.210

■ 33, 36.014, 99.210

■ 23, 36.014, 99.210

■ 13, 36.014, 99.210

■ 3, 36.014, 99.210

■ 0, 36.014, 99.210

■ 73, 36.014, 99.210

■ 73, 36.014, 99.210

72, 44.496, 98.084

74, 27.276,
100.344

71, 52.486, 96.968

75, 18.420,
101.464

70, 59.618, 95.874

69, 65.374, 94.808

76, 9.533, 102.559

69, 69.175, 93.754

77, 0.662, 103.460

68, 70.989, 92.773

79, 8.163, 284.696

80, 16.927,
285.686

81, 25.620,
286.637

82, 28.169,
285.662

83, 26.792,
283.279

Harmonies

Complementary

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



73, 36.014, 99.210



54, 38.677, 289.721

Rectangle

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



73, 36.014, 99.210



73, 36.014, 149.210



73, 36.014, 279.210



73, 36.014, 329.210

Sweetspot

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



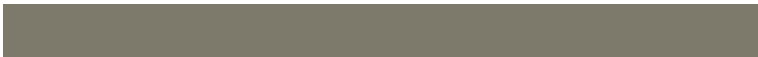
73, 36.015, 99.214



96, 13.205, 102.404



57, 32.907, 12.091



51, 8.759, 102.261



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



73, 36.015, 99.214



92, 53.381, 98.193



74, 42.562, 121.495



40, 5.071, 102.707



58, 62.402, 92.919



10, 15.623, 97.863

Inverse Universe

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



54, 38.677, 289.721



63, 58.707, 291.631



53, 46.073, 306.314



38, 5.148, 284.800



21, 86.970, 303.879



2, 17.544, 287.070

Previews

White Background



This preview shows how the CIELCh color 73, 36.014, 99.210 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 73, 36.014, 99.210 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, 36.014, 99.210

Background



This preview shows how black text looks on a background with the CIELCh color 73, 36.014, 99.210.



This preview shows how white text looks on a background with the CIELCh color 73, 36.014, 99.210.

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, 36.014, 99.210

Protanopia

73, 35.906, 95.767

Deuteranopia

73, 36.273, 74.903



Tritanopia
73, 12.361, 345.800

Trichromacy



Original Color
73, 36.014, 99.210

Protanomaly
73, 36.218, 97.205

Deuteranomaly
73, 35.423, 83.416

Tritanomaly
73, 12.022, 65.667

Monochromacy



Original Color
73, 36.014, 99.210

Achromatopsia
72, 0.009, 296.813

Achromatomaly
72, 13.605, 102.174

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 36.014, 99.210 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(191, 180, 113)` looks like.

```
.text, #text, p{  
    color:rgb(191, 180, 113)  
}
```

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(191, 180, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 180, 113) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 36.014, 99.210 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(191, 180, 113) }
```

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

```
.border{ border-color:rgb(191, 180, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 180, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 180, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 180, 113);  
box-shadow:4px 4px 4px 4px rgb(191, 180,  
113) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 36.014, 99.210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 180, 113) }
```

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

```
.background{ background-color: rgb(191,  
180, 113) }
```

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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