

Converting Colors

CIELCh(73, 14.444, 103.111)

Have a look what the booklet for
CIELCh(73, 14.444, 103.111)
contains.

CIELCh(73, 14.647, 102.551)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(73, 14.647, 102.551)

Conversions

Conversions Part 1

Format	Color
Hex	B8B499
RGB	184, 180, 153
RGB Percent	72%, 71%, 60%
CMY	0.2782, 0.2939, 0.3998
CMYK	0.00, 0.02, 0.17, 0.28
HSL	52°, 18%, 66%
HSV	52°, 17%, 72%
XYZ	41.8677, 45.1644, 36.6718
YIQ	178.1180, 11.0510, -7.5490

Conversions

Conversions Part 2

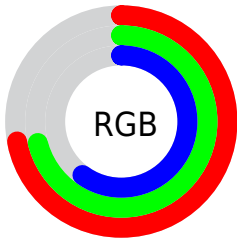
Format	Color
R_{YB}	158, 184, 153
Decimal	12104857
CIE _{Lab}	73.00, -3.18, 14.30
CIE _{LCh}	73, 14.647, 102.551
Yxy	45.1644, 0.3385, 0.3651
Android (android.graphics.Color)	4290294937 (0xFFB8B499)
YUV	178.1180, -12.3832, 5.1585
Hunter-Lab	67.2044, -6.4040, 14.6901

Details

The CIELCh color **73, 14.647, 102.551** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **65, 15.046, 286.369**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 14.949, 103.270**, and **53, 14.456, 101.560** is the 20% darker color. If you saturate the color by 10%, you get **72, 23.340, 101.463**, and if you desaturate by 10%, it is **74, 5.939, 103.622**.

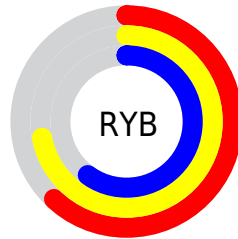
Distribution



Red (72%)

Green (71%)

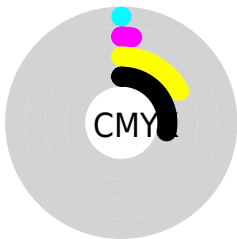
Blue (60%)



Red (62%)

Yellow (72%)

Blue (60%)

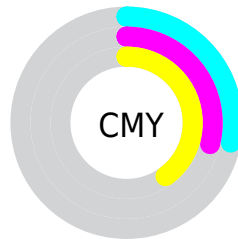


Cyan (0%)

Magenta (2%)

Yellow (17%)

Black (28%)



Cyan (28%)


Magenta (29%)


Yellow (40%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 14.647, 102.551 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, 14.647, 102.551 by changing the saturation by 10% instead.


 73, 14.647,
102.551


 73, 14.647,
102.551


 100, 14.647,
102.551


 63, 14.647,
102.551


 93, 14.647,
102.551

 53, 14.647,
102.551

 43, 14.647,
102.551

 33, 14.647,
102.551

 23, 14.647,
102.551

 13, 14.647,
102.551

 3, 14.647, 102.551

■ 0, 14.647, 102.551

■ 73, 14.647,
102.551

■ 73, 14.647,
102.551

■ 72, 23.340,
101.463

■ 74, 5.939, 103.622

■ 71, 31.945,
100.355

■ 75, 2.747, 284.728

■ 70, 40.350, 99.246

■ 76, 11.388,
285.707

■ 69, 48.365, 98.151

■ 77, 19.970,
286.672

■ 68, 55.693, 97.082

■ 79, 28.485,
287.597

■ 68, 61.890, 96.050

■ 80, 32.455,
287.310

■ 67, 66.409, 95.055

■ 80, 31.203,

■ 66, 68.854, 94.078 285.557

■ 66, 69.444, 93.773 ■ 81, 29.982,
283.668

■ 82, 28.796,
281.630

Harmonies

Complementary

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



73, 14.647, 102.551



65, 15.046, 286.369

Rectangle

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



73, 14.647, 102.551



73, 14.647, 152.551



73, 14.647, 282.551



73, 14.647, 332.551

Sweetspot

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



73, 14.648, 102.558



94, 5.374, 103.802



66, 12.367, 9.991



50, 3.666, 103.732



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, 14.648, 102.558



92, 21.562, 102.178



73, 17.294, 123.417



38, 4.911, 103.362



57, 61.387, 93.903



8, 12.602, 100.694

Inverse Universe

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



65, 15.046, 286.369



81, 22.275, 286.853



65, 17.806, 305.206



36, 4.989, 285.418



20, 85.635, 304.118



1, 13.931, 286.208

Previews

White Background



This preview shows how the CIELCh color 73, 14.647, 102.551 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, 14.647, 102.551 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

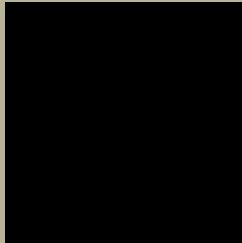
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

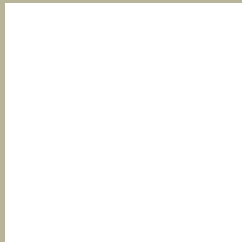
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 73, 14.647, 102.551

Background



This preview shows how black text looks on a background with the CIELCh color 73, 14.647, 102.551.



This preview shows how white text looks on a background with the CIELCh color 73, 14.647, 102.551.

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, 14.647, 102.551

Protanopia
73, 15.005, 94.948

Deuteranopia
73, 16.211, 54.588



Tritanopia
73, 9.240, 324.817

Trichromacy



Original Color
73, 14.647, 102.551

Protanomaly
73, 14.915, 96.441

Deuteranomaly
73, 14.410, 71.488

Tritanomaly
73, 3.819, 27.723

Monochromacy



Original Color
73, 14.647, 102.551

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 5.418, 105.603

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 14.647, 102.551 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(184, 180, 153)` looks like.

```
.text, #text, p{  
    color:rgb(184, 180, 153)  
}
```

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(184, 180, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 180, 153) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 14.647, 102.551 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(184, 180, 153) }
```

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

```
.border{ border-color:rgb(184, 180, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 180, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 180, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 180, 153);  
box-shadow:4px 4px 4px 4px rgb(184, 180,  
153) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 14.647, 102.551 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 180, 153) }
```

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

```
.background{ background-color: rgb(184,  
180, 153) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor